

LDC #: 31212025

VALIDATION FINDINGS WORKSHEET **Surrogate Results Verification**

Page: of Reviewer: BR2nd reviewer: sm**METHOD:** GC/MS Semivolatiles (EPA SW 846 Method 8270D)

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: $SF/SS \times 100$ Where: SF = Surrogate Found
SS = Surrogate SpikedSample ID: 1

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	Fluoranthene-d10 1.00	0.846	85	85	0
2-Fluorobiphenyl	Benzo(a)pyrene-d12 ↓	0.852	85	85	0
Terphenyl-d14	1-methylnaphthalene-d10 ↓	0.922	92	92	0
Phenol-d5					
2-Fluorophenol					
2,4,6-Tribromophenol					
2-Chlorophenol-d4					
1,2-Dichlorobenzene-d4					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5					
2-Fluorobiphenyl					
Terphenyl-d14					
Phenol-d5					
2-Fluorophenol					
2,4,6-Tribromophenol					
2-Chlorophenol-d4					
1,2-Dichlorobenzene-d4					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5					
2-Fluorobiphenyl					
Terphenyl-d14					
Phenol-d5					
2-Fluorophenol					
2,4,6-Tribromophenol					
2-Chlorophenol-d4					
1,2-Dichlorobenzene-d4					

VALIDATION FINDINGS WORKSHEET **Matrix Spike/Matrix Spike Duplicates Results Verification**

METHOD: GC/MS BNA (EPA SW 846 Method 8270D)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = $100 * (SSC - SC) / SA$

Where: SSC = Spiked sample concentration
SA = Spike added

SC = Sample concentration

RPD = $|MSC - MSC| * 2 / (MSC + MSDC)$

MSC = Matrix spike concentration

MSDC = Matrix spike duplicate concentration

MS/MSD samples: 6/7

Compound	Spike Added		Sample Concentration	Spiked Sample Concentration		Matrix Spike		Matrix Spike Duplicate		MS/MSD	
	mg/kg			mg/kg		Percent Recovery		Percent Recovery		RPD	
	MS	MSD		MS	MSD	Reported	Recalc	Reported	Recalc	Reported	Recalculated
Phenol											
N-Nitroso-di-n-propylamine											
4-Chloro-3-methylphenol											
Acenaphthene	33.33	33.33	0	33.04	33.18	99	99	100	100	0	0.4
Pentachlorophenol											
Pyrene	33.33	33.33	2.31	176.63	164.58	523	523	490	487	5.4	7.1

Comments: Refer to Matrix Spike/Matrix Spike Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212026

VALIDATION FINDINGS WORKSHEET

Page: 1 of 1Laboratory Control Sample/Laboratory Control Sample Duplicates Results VerificationReviewer: BR2nd Reviewer: En

METHOD: GC/MS BNA (EPA SW 846 Method 8270D)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = $100 * (SC/SA)$

Where: SSC = Spike concentration

SA = Spike added

RPD = $|LCSC - LCSDC| * 2 / (LCSC + LCSDC)$

LCSC = Laboratory control sample concentration LCSDC = Laboratory control sample duplicate concentration

LCS/LCSD samples: 338 LILCS

Compound	Spike Added (ug/kg)		Spike Concentration (ug/kg)		LCS		LCSD		LCS/LCSD	
					Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc	Reported	Recalc	Reported	Recalculated
Phenol										
N-Nitroso-di-n-propylamine										
4-Chloro-3-methylphenol										
Acenaphthene	33.33	—	34.06	—	102	102	—	—	—	—
Pentachlorophenol										
Pyrene	33.33	—	37.34	—	112	112	—	—	—	—

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: Santa Susana Field Laboratory
Collection Date: November 25, 2013
LDC Report Date: February 10, 2014
Matrix: Soil
Parameters: Polychlorinated Biphenyls
Validation Level: Level IV
Laboratory: Eurofins Lancaster Laboratories
Sample Delivery Group (SDG): PH134

Sample Identification

SL-584-SA5A-SB-0.0-0.5
SL-715-SA5A-SB-0.0-0.5
SL-715-SA5A-SB-6.0-7.0
SL-1015-SA5A-SB-0.0-0.5
SL-631-SA5A-SB-0.0-0.5
SL-715-SA5A-SB-0.0-0.5MS
SL-715-SA5A-SB-0.0-0.5MSD

Introduction

This data review covers 7 soil samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8082A for Polychlorinated Biphenyls.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance was acceptable unless noted otherwise under initial calibration and continuing calibration sections.

III. Initial Calibration

Initial calibration was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

Retention time windows were evaluated and considered technically acceptable.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) were less than or equal to 20.0% for all compounds.

The percent difference (%D) of the second source calibration standard were less than or equal to 20.0% for all compounds.

Retention times (RT) of all compounds in the calibration standards were within QC limits.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated biphenyl contaminants were found in the method blanks.

Sample EB2-112613 (from SDG PH135) was identified as an equipment blank. No polychlorinated biphenyl contaminants were found.

Sample FB-041613 (from SDG PH032) was identified as a field blank. No polychlorinated biphenyl contaminants were found.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

Sample	Column	Surrogate	%R (Limits)	Compound	Flag	A or P
SL-1015-SA5A-SB-0.0-0.5	ZB Multiresidue-2	Decachlorobiphenyl	190 (45-120)	All TCL compounds	J (all detects)	P

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in this SDG.

XI. GPC Calibration

GPC cleanup was not required and therefore not performed in this SDG.

XII. Target Compound Identification

All target compound identifications were within validation criteria.

XIII. Compound Quantitation

All compound quantitations were within validation criteria.

All compounds reported below the RL were qualified as follows:

Sample	Finding	Flag	A or P
All samples in SDG PH134	All compounds reported below the RL.	J (all detects)	A

XIV. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XV. Field Duplicates

Samples SL-715-SA5A-SB-0.0-0.5 and SL-1015-SA5A-SB-0.0-0.5 were identified as field duplicates. No polychlorinated biphenyls were detected in any of the samples.

Santa Susana Field Laboratory
Polychlorinated Biphenyls - Data Qualification Summary - SDG PH134

SDG	Sample	Compound	Flag	A or P	Reason (Code)
PH134	SL-1015-SA5A-SB-0.0-0.5	All TCL compounds	J (all detects)	P	Surrogate spikes (%R) (S)
PH134	SL-584-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-6.0-7.0 SL-1015-SA5A-SB-0.0-0.5 SL-631-SA5A-SB-0.0-0.5	All compounds reported below the RL.	J (all detects)	A	Compound quantitation (Z)

Santa Susana Field Laboratory
Polychlorinated Biphenyls - Laboratory Blank Data Qualification Summary - SDG PH134

No Sample Data Qualified in this SDG

Santa Susana Field Laboratory
Polychlorinated Biphenyls - Field Blank Data Qualification Summary - SDG PH134

No Sample Data Qualified in this SDG

METHOD: GC Polychlorinated Biphenyls (EPA SW 846 Method 8082A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 11/25/13
II.	GC/ECD Instrument Performance Check	N	
III.	Initial calibration	A	RSD ≤ 20%
IV.	Continuing calibration/ICV	A	1W1CV ≤ 20%
V.	Blanks	A	
VI.	Surrogate spikes	SW	
VII.	Matrix spike/Matrix spike duplicates	A	
VIII.	Laboratory control samples	A	LCS + DR
IX.	Regional quality assurance and quality control	N	
X.	Florisil cartridge check	N	
XI.	GPC Calibration	N	
XII.	Target compound identification	A	
XIII.	Compound quantitation/RL/LOQ/LODs	A	
XIV.	Overall assessment of data	A	
XV.	Field duplicates	ND	FD = 2 + 4
XVI.	Field blanks	ND	EB = EB2-112613 (SDG # PH135) FB = FB-041613 (SDG # PH032)

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples: 8611

1	SL-584-SA5A-SB-0.0-0.5	11		21		31	PBLK19339
2	SL-715-SA5A-SB-0.0-0.5	12		22		32	
3	SL-715-SA5A-SB-6.0-7.0	13		23		33	
4	SL-1015-SA5A-SB-0.0-0.5	14		24		34	
5	SL-631-SA5A-SB-0.0-0.5	15		25		35	
6	SL-715-SA5A-SB-0.0-0.5MS	16		26		36	
7	SL-715-SA5A-SB-0.0-0.5MSD	17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes: _____

Method: Pesticides/PCBs (EPA SW 846 Method 8081/8082)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	☒	☐	☐	
Cooler temperature criteria was met.	☒	☐	☐	
II. GC/ECD Instrument performance check				
Was the instrument performance found to be acceptable?	☐	☐	☒	
III. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	☒	☐	☐	
Was a linear fit used for evaluation? If yes, were all percent relative standard deviations (%RSD) $\leq 20\%$?	☒	☐	☐	
Was a curve fit used for evaluation? If Yes, what was the acceptance criteria used?	☐	☒	☐	
Did the initial calibration meet the curve fit acceptance criteria?	☐	☐	☒	
Were the RT windows properly established?	☒	☐	☐	
Were the required standard concentrations analyzed in the initial calibration?	☒	☐	☐	
IV. Continuing calibration				
What type of continuing calibration calculation was performed? <u>X</u> %D or <u> </u> %R	☒	☐	☐	
Were Evaluation mix standards analyzed prior to the initial calibration and sample analysis?	☐	☐	☒	
Were endrin and 4,4'-DDT breakdowns $\leq 15\%$ for individual breakdown in the Evaluation mix standards?	☐	☐	☒	
Was a continuing calibration analyzed daily?	☒	☐	☐	
Were all percent differences (%D) $\leq 20\%$ or percent recoveries 80-120%?	☒	☐	☐	
Were all the retention times within the acceptance windows?	☒	☐	☐	
V. Blanks				
Was a method blank associated with every sample in this SDG?	☒	☐	☐	
Was a method blank analyzed for each matrix and concentration?	☒	☐	☐	
Were extract cleanup blanks analyzed with every batch requiring clean-up?	☐	☐	☒	
Was there contamination in the method blanks or clean-up blanks? If yes, please see the Blanks validation completeness worksheet.	☐	☒	☐	
VI. Surrogate spikes				
Were all surrogate %R within the QC limits?	☒	☒	☐	
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?	☐	☒	☐	

Validation Area	Yes	No	NA	Findings/Comments
If any %R was less than 10 percent, was a reanalysis performed to confirm %R?			☒	
VII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.	☒			
Was a MS/MSD analyzed every 20 samples of each matrix?	☒			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	☒			
VIII. Laboratory control samples				
Was an LCS analyzed for this SDG?	☒			
Was an LCS analyzed per extraction batch?	☒			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	☒			
IX. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?		☒		
Were the performance evaluation (PE) samples within the acceptance limits?			☒	
X. Target compound identification				
Were the retention times of reported detects within the RT windows?	☒			
XI. Compound quantitation/CRQLs				
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	☒			
XII. System performance				
System performance was found to be acceptable.	☒			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	☒			
XIV. Field duplicates				
Field duplicate pairs were identified in this SDG.	☒			
Target compounds were detected in the field duplicates.		☒		
XV. Field blanks				
Field blanks were identified in this SDG.	☒	☒		
Target compounds were detected in the field blanks.				

VALIDATION FINDINGS WORKSHEET

METHOD: Pesticide/PCBs (EPASW 846 Method 8081/8082)

A. alpha-BHC	I. Dieldrin	Q. Endrin ketone	Y. Aroclor-1242	GG. Chlordane
B. beta-BHC	J. 4,4'-DDE	R. Endrin aldehyde	Z. Aroclor-1248	HH. Chlordane (Technical)
C. delta-BHC	K. Endrin	S. alpha-Chlordane	AA. Aroclor-1254	II. Aroclor 1262
D. gamma-BHC	L. Endosulfan II	T. gamma-Chlordane	BB. Aroclor-1260	JJ. Aroclor 1268
E. Heptachlor	M. 4,4'-DDD	U. Toxaphene	CC. 2,4'-DDD	KK. Oxychlordane
F. Aldrin	N. Endosulfan sulfate	V. Aroclor-1016	DD. 2,4'-DDE	LL. trans-Nonachlor
G. Heptachlor epoxide	O. 4,4'-DDT	W. Aroclor-1221	EE. 2,4'-DDT	MM. cis-Nonachlor
H. Endosulfan I	P. Methoxychlor	X. Aroclor-1232	FF. Hexachlorobenzene	NN.

Notes: _____

LDC #: 31212036VALIDATION FINDINGS WORKSHEET
Surrogate SpikesPage: 1 of 1
Reviewer: BR
2nd Reviewer: FM

METHOD: GC Pesticides/PCBs (EPA SW 846 Method 8081/8082)

Please see qualification below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were surrogates spiked into all samples, standards and blanks?Y N N/A Did all surrogate percent recoveries (%R) meet the QC limits?

#	Date	Sample ID	Column	Surrogate Compound	%R (Limits)	Qualifications
		4	ZB multi-residue -2	B	190 (45-120) ()	JLT/P (S)
					()	
					()	
					()	
					()	
					()	
					()	
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					()	
					()	
					()	
					()	
					()	

Letter Designation	Surrogate Compound	Recovery QC Limits (Soil)	Recovery QC Limits (Water)	Comments
A	Tetrachloro-m-xylene			
B	Decachlorobiphenyl			

LDC#: 31212D3b

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 1
Reviewer: BR
2nd Reviewer: Sm

METHOD: GC PCBs (EPA SW 846 Method 8082A)

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

CF = A/C

average CF = sum of the CF/number of standards

%RSD = 100 * (S/X)

Where:

A = Area of compound

C = Concentration of compound

S = Standard deviation of calibration factors

X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (500 std)	Recalculated CF (500 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL 17342A	12/6/2013	PCB1260-1 (ZB-MultiR1)	46341	46341	47185	47185	2	2
			PCB1260-1 (ZB-MultiR2I)	2749	2749	2973	2973	11	11

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC#: 31212D3b

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Page: 1 of 2
Reviewer: BR
2nd Reviewer: SM

METHOD: GC PCBs (EPA SW 846 Method 8082)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = $100 * (N - C)/N$

Where:

N = Initial Calibration Factor or Nominal Amount

C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	Conc	Reported Conc (CCV)	Recalculated Conc (CCV)	Reported % D	Recalculated %D
1	AR163FZ	12/9/2013	PCB1260 (ZB-MultiR1)	200	180.17	180.17	10	10
		11:06	PCB1260 (ZB-MultiR2)	200	213.68	213.68	7	7

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC#: 31212D3b

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Page: 2 of 2
Reviewer: BR
2nd Reviewer: SM

METHOD: GC PCBs (EPA SW 846 Method 8082)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = $100 * (N - C) / N$

Where:

N = Initial Calibration Factor or Nominal Amount

C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	Conc	Reported Conc (CCV)	Recalculated Conc (CCV)	Reported % D	Recalculated %D
1	AR163GA	12/9/2013	PCB1260 (ZB-MultiR1)	200	180.07	180.07	10	10
		13:34	PCB1260 (ZB-MultiR2)	200	210.22	210.22	5	5

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

VALIDATION FINDINGS WORKSHEET **Surrogate Results Verification**

METHOD: GC Pesticides/PCBs (EPA SW 846 Method 8081/8082)

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

$$\% \text{ Recovery} = \text{SF} / \text{SS} * 100$$

 Where: SF = Surrogate Found
 SS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Tetrachloro-m-xylene						
Tetrachloro-m-xylene	<u>20-multhreshe 2</u>	<u>10.1</u>	<u>11.386705</u>	<u>112</u>	<u>112</u>	<u>0</u>
Decachlorobiphenyl	<u>↓</u>	<u>10.2</u>	<u>11.407052</u>	<u>112</u>	<u>112</u>	<u>0</u>
Decachlorobiphenyl						

Sample ID:

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Tetrachloro-m-xylene						
Tetrachloro-m-xylene						
Decachlorobiphenyl						
Decachlorobiphenyl						

Sample ID:

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Tetrachloro-m-xylene						
Tetrachloro-m-xylene						
Decachlorobiphenyl						
Decachlorobiphenyl						

Sample ID:

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Tetrachloro-m-xylene						
Tetrachloro-m-xylene						
Decachlorobiphenyl						
Decachlorobiphenyl						

 Notes: _____

LDC #: 31212035

VALIDATION FINDINGS WORKSHEET **Matrix Spike/Matrix Spike Duplicates Results Verification**

Page: 1 of 1
 Reviewer: BR
 2nd Reviewer: EL

METHOD: GC Pesticides/PCBs (EPA SW 846 Method 8081/8082)

The percent recoveries (%R) and Relative Percent difference (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = $100 \times (\text{SSC} - \text{SC}) / \text{SA}$

Where: SSC = Spiked sample concentration
 SA = Spike added

SC = Concentration

RPD = $| \text{MS} - \text{MSD} | \times 2 / (\text{MS} + \text{MSD})$

MS = Matrix spike percent recovery

MSD = Matrix spike duplicate percent recovery

MS/MSD samples: 6/7

Compound	Spike Added <i>(ug/kg)</i>		Sample Concentration <i>(ug/kg)</i>	Spiked Sample Concentration <i>(ug/kg)</i>		Matrix Spike		Matrix Spike Duplicate		MS/MSD	
	MS	MSD		MS	MSD	Percent Recovery		Percent Recovery		RPD	
						Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
			-								
gamma-BHC											
4,4'-DDT											
Aroclor 1260	167	167	0	181.62	193.59	109	109	116	116	6	6.4

Comments: Refer to Matrix Spike/Matrix Spike Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212 b36

VALIDATION FINDINGS WORKSHEET **Laboratory Control Sample/Laboratory Control Sample Duplicate Results Verification**

Page: 1 of 1
 Reviewer: BR
 2nd Reviewer: SM

METHOD: GC Pesticides/PCBs (EPA SW 846 Method 8081/8082)

The percent recoveries (%R) and Relative Percent difference (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = $100 * (SSC - SC) / SA$

Where: SSC = Spiked sample concentration
 SA = Spike added

SC = Concentration

RPD = $|LCS - LCSD| * 2 / (LCS + LCSD)$

LCS = Laboratory control sample percent recovery

LCSD = Laboratory control sample duplicate percent recovery

LCS/LCSD samples: LCS 19339

Compound	Spike Added		Spiked Sample Concentration		LCS		LCSD		LCS/LCSD	
	(ug/kg)		(ug/kg)		Percent Recovery		Percent Recovery		RPD	
					Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
	LCS	LCSD	LCS	LCSD						
gamma-BHC										
4,4'-DDT										
Aroclor 1260	167	-	171.31	-	103	103	-	-	-	-

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicate findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

METHOD: GC Pesticides/PCBs (EPA SW 846 Method 8081/8082)

☒ N N/A
☒ N N/A

Were all reported results recalculated and verified for all level IV samples?

Were all recalculated results for detected target compounds agree within 10.0% of the reported results?

$$5460-2 = \frac{(9105.827148)(10)}{(272)(30)}$$

$$= 11.1591019$$

$$5460-3 = 10.322340$$

$$5460-4 = 19.321764$$

$$5460-5 = 10.293643$$

$$5460-6 = 15.641753$$

$$\text{Average} = 13.34772038$$

Example:

$$26\text{-multiresidue 2} = 14 \text{ mg/kg}$$

Sample I.D. 5 Arrobor ⁵⁴⁶⁰~~72~~ _{Ar}

$$\text{Conc.} = \frac{13.34772038}{0.978}$$

$$= 13.64797585 \text{ mg/kg}$$

$$\approx 14 \text{ mg/kg}$$

#	Sample ID	Compound	Reported Concentration ()	Calculated Concentration ()	Qualification

Note: _____

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: Santa Susana Field Laboratory

Collection Date: November 25, 2013

LDC Report Date: February 6, 2014

Matrix: Soil

Parameters: Metals

Validation Level: Level IV

Laboratory: Eurofins Lancaster Laboratories

Sample Delivery Group (SDG): PH134

Sample Identification

SL-584-SA5A-SB-0.0-0.5

SL-715-SA5A-SB-0.0-0.5

SL-715-SA5A-SB-6.0-7.0

SL-1015-SA5A-SB-0.0-0.5

SL-631-SA5A-SB-0.0-0.5

SL-715-SA5A-SB-0.0-0.5MS

SL-715-SA5A-SB-0.0-0.5MSD

SL-715-SA5A-SB-0.0-0.5DUP

Introduction

This data review covers 8 soil samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Methods 6010C, 6020A, and 7471B for Metals. The metals analyzed were Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Lithium, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Phosphorus, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, and Zirconium.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5%.

III. Calibration

The initial and continuing calibrations were performed at the required frequency.

The calibration standards criteria were met.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No metal contaminants were found in the initial, continuing and preparation blanks with the following exceptions:

Method Blank ID	Analyte	Maximum Concentration	Associated Samples
PB (prep blank)	Calcium Magnesium Tin	5.64 mg/Kg 1.91 mg/Kg 1.58 mg/Kg	All soil samples in SDG PH134
ICB/CCB	Aluminum Magnesium	35.2 ug/L 35.3 ug/L	SL-584-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-6.0-7.0
ICB/CCB	Aluminum Calcium Magnesium	40.3 ug/L 34.0 ug/L 39.5 ug/L	SL-1015-SA5A-SB-0.0-0.5 SL-631-SA5A-SB-0.0-0.5

Data qualification by the initial, continuing and preparation blanks (ICB/CCB/PBs) was based on the maximum contaminant concentration in the ICB/CCB/PBs in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
SL-584-SA5A-SB-0.0-0.5	Tin	2.94 mg/Kg	2.94U mg/Kg

Sample	Analyte	Reported Concentration	Modified Final Concentration
SL-715-SA5A-SB-0.0-0.5	Tin	3.10 mg/Kg	3.10U mg/Kg
SL-715-SA5A-SB-6.0-7.0	Tin	2.97 mg/Kg	2.97U mg/Kg
SL-1015-SA5A-SB-0.0-0.5	Tin	3.00 mg/Kg	3.00U mg/Kg
SL-631-SA5A-SB-0.0-0.5	Tin	2.90 mg/Kg	2.90U mg/Kg

Sample EB2-112613 (from SDG PH135) was identified as an equipment blank. No metal contaminants were found with the following exceptions:

Blank ID	Sampling Date	Analyte	Concentration	Associated Samples
EB2-112613	11/26/13	Nickel Potassium Zinc	0.0018 mg/L 0.109 mg/L 0.0022 mg/L	All samples in SDG PH134

Sample FB-041613 (from SDG PH032) was identified as a field blank. No metal contaminants were found with the following exceptions:

Blank ID	Sampling Date	Analyte	Concentration	Associated Samples
FB-041613	4/16/13	Molybdenum Tin	0.0132 mg/L 0.0029 mg/L	All samples in SDG PH134

Sample concentrations were compared to concentrations detected in the field blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated field blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
SL-584-SA5A-SB-0.0-0.5	Molybdenum	0.321 mg/Kg	0.321U mg/Kg
SL-715-SA5A-SB-0.0-0.5	Molybdenum	0.439 mg/Kg	0.439U mg/Kg
SL-715-SA5A-SB-6.0-7.0	Molybdenum	0.322 mg/Kg	0.322U mg/Kg
SL-1015-SA5A-SB-0.0-0.5	Molybdenum	0.429 mg/Kg	0.429U mg/Kg
SL-631-SA5A-SB-0.0-0.5	Molybdenum	0.379 mg/Kg	0.379U mg/Kg

V. ICP Interference Check Sample (ICS) Analysis

The frequency of analysis was met.

The criteria for analysis were met.

VI. Matrix Spike Analysis

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
SL-715-SA5A-SB-0.0-0.5MS/MSD (All samples in SDG PH134)	Antimony	68 (75-125)	66 (75-125)	-	J (all detects) UJ (all non-detects)	A
	Zinc	66 (75-125)	69 (75-125)	-	J (all detects) UJ (all non-detects)	
SL-715-SA5A-SB-0.0-0.5MS/MSD (All samples in SDG PH134)	Potassium	132 (75-125)	139 (75-125)	-	J (all detects)	A

For SL-715-SA5A-SB-0.0-0.5MS/MSD, no data were qualified for Aluminum, Calcium, Iron, Magnesium, Manganese, and Titanium percent recoveries outside the QC limits since the parent sample results were greater than 4X the spike concentration.

VII. Duplicate Sample Analysis

Duplicate (DUP) sample analyses were reviewed for each matrix as applicable. Results were within QC limits.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

IX. Internal Standards

All internal standard percent recoveries (%R) were within QC limits.

X. ICP Serial Dilution

ICP serial dilution analysis was performed by the laboratory. The analysis criteria were met.

XI. Sample Result Verification

All sample result verifications were acceptable.

All metals reported below the RL and above the MDL were qualified as follows:

Sample	Analyte	Flag	A or P
All samples in SDG PH134	All analytes reported below the RL and above the MDL.	J (all detects)	A

XII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIII. Field Duplicates

Samples SL-715-SA5A-SB-0.0-0.5 and SL-1015-SA5A-SB-0.0-0.5 were identified as field duplicates. No metals were detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
	SL-715-SA5A-SB-0.0-0.5	SL-1015-SA5A-SB-0.0-0.5			
Aluminum	15800	17000	7 (≤50)	-	-
Arsenic	3.16	3.56	12 (≤50)	-	-
Barium	88.9	80.6	10 (≤50)	-	-
Beryllium	0.619	0.661	7 (≤50)	-	-
Boron	2.03	10.1U	200 (≤50)	J (all detects) UJ (all non-detects)	A
Calcium	2630	2390	10 (≤50)	-	-
Chromium	33.2	36.5	9 (≤50)	-	-
Cobalt	4.21	4.03	4 (≤50)	-	-
Copper	18.3	18.1	1 (≤50)	-	-
Iron	19600	19800	1 (≤50)	-	-
Lead	7.49	7.18	4 (≤50)	-	-
Lithium	23.4	23.7	1 (≤50)	-	-
Magnesium	4030	4040	0 (≤50)	-	-

Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
	SL-715-SA5A-SB-0.0-0.5	SL-1015-SA5A-SB-0.0-0.5			
Manganese	292	244	18 (≤50)	-	-
Molybdenum	0.439	0.429	2 (≤50)	-	-
Nickel	10.3	9.37	9 (≤50)	-	-
Phosphorus	300	278	8 (≤50)	-	-
Potassium	3200	2630	20 (≤50)	-	-
Sodium	96.9	96.4	1 (≤50)	-	-
Tin	3.10	3.00	3 (≤50)	-	-
Titanium	1090	1070	2 (≤50)	-	-
Vanadium	32.8	32.0	2 (≤50)	-	-
Zinc	116	132	13 (≤50)	-	-
Zirconium	2.64	2.73	3 (≤50)	-	-
Selenium	0.184	0.208	12 (≤50)	-	-
Silver	13.6	3.03	127 (≤50)	J (all detects)	A
Strontium	19.8	17.2	14 (≤50)	-	-
Thallium	0.229	0.241	5 (≤50)	-	-
Mercury	0.0398	0.0276	36 (≤50)	-	-

Santa Susana Field Laboratory
Metals - Data Qualification Summary - SDG PH134

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
PH134	SL-584-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-6.0-7.0 SL-1015-SA5A-SB-0.0-0.5 SL-631-SA5A-SB-0.0-0.5	Antimony Zinc	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (Q)
PH134	SL-584-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-6.0-7.0 SL-1015-SA5A-SB-0.0-0.5 SL-631-SA5A-SB-0.0-0.5	Potassium	J (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (Q)
PH134	SL-584-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-6.0-7.0 SL-1015-SA5A-SB-0.0-0.5 SL-631-SA5A-SB-0.0-0.5	All analytes reported below the RL and above the MDL.	J (all detects)	A	Sample result verification (Z)
PH134	SL-715-SA5A-SB-0.0-0.5 SL-1015-SA5A-SB-0.0-0.5	Boron	J (all detects) UJ (all non-detects)	A	Field duplicates (RPD) (FD)
PH134	SL-715-SA5A-SB-0.0-0.5 SL-1015-SA5A-SB-0.0-0.5	Silver	J (all detects)	A	Field duplicates (RPD) (FD)

Santa Susana Field Laboratory
Metals - Laboratory Blank Data Qualification Summary - SDG PH134

SDG	Sample	Analyte	Modified Final Concentration	A or P	Code
PH134	SL-584-SA5A-SB-0.0-0.5	Tin	2.94U mg/Kg	A	B
PH134	SL-715-SA5A-SB-0.0-0.5	Tin	3.10U mg/Kg	A	B
PH134	SL-715-SA5A-SB-6.0-7.0	Tin	2.97U mg/Kg	A	B
PH134	SL-1015-SA5A-SB-0.0-0.5	Tin	3.00U mg/Kg	A	B
PH134	SL-631-SA5A-SB-0.0-0.5	Tin	2.90U mg/Kg	A	B

Santa Susana Field Laboratory
Metals - Field Blank Data Qualification Summary - SDG PH134

SDG	Sample	Analyte	Modified Final Concentration	A or P	Code
PH134	SL-584-SA5A-SB-0.0-0.5	Molybdenum	0.321U mg/Kg	A	F
PH134	SL-715-SA5A-SB-0.0-0.5	Molybdenum	0.439U mg/Kg	A	F
PH134	SL-715-SA5A-SB-6.0-7.0	Molybdenum	0.322U mg/Kg	A	F
PH134	SL-1015-SA5A-SB-0.0-0.5	Molybdenum	0.429U mg/Kg	A	F
PH134	SL-631-SA5A-SB-0.0-0.5	Molybdenum	0.379U mg/Kg	A	F

LDC #: 31212D4

VALIDATION COMPLETENESS WORKSHEET

SDG #: PH134

Level IV

Laboratory: Eurofins Lancaster Laboratories

Date: 11/31/14

Page: 1 of 1

Reviewer: [Signature]

2nd Reviewer: [Signature]

METHOD: Metals (EPA SW 846 Method 6010C/6020A/7000)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 11/25/13
II.	ICP/MS Tune	A	
III.	Calibration	A	
IV.	Blanks	SW	
V.	ICP Interference Check Sample (ICS) Analysis	A	
VI.	Matrix Spike Analysis	SW	MS/D
VII.	Duplicate Sample Analysis	A	DUP
VIII.	Laboratory Control Samples (LCS)	A	LCS
IX.	Internal Standard (ICP-MS)	A	
X.	ICP Serial Dilution	A	
XI.	Sample Result Verification	A	
XII.	Overall Assessment of Data	A	
XIII.	Field Duplicates	SW	(2, 4)
XIV.	Field Blanks	SW	EB = EB2 - 11/26/13 FB = FB0416/13

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

(PH134)
D = Duplicate
TB = Trip blank
EB = Equipment blank

(PH032)

Validated Samples:

SOI

1	SL-584-SA5A-SB-0.0-0.5	11		21		31	
2	SL-715-SA5A-SB-0.0-0.5	12		22		32	
3	SL-715-SA5A-SB-6.0-7.0	13		23		33	
4	SL-1015-SA5A-SB-0.0-0.5	14		24		34	
5	SL-631-SA5A-SB-0.0-0.5	15		25		35	
6	SL-715-SA5A-SB-0.0-0.5MS	16		26		36	
7	SL-715-SA5A-SB-0.0-0.5MSD	17		27		37	
8	SL-715-SA5A-SB-0.0-0.5DUP	18		28		38	
9		19		29		39	
10		20		30		40	

Notes: _____

Method: Metals (EPA SW 846 Method 6010B/7000/6020)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	☒	☐	☐	
Cooler temperature criteria was met.	☒	☐	☐	
II. ICP/MS Tune				
Were all isotopes in the tuning solution mass resolution within 0.1 amu?	☒	☐	☐	
Were %RSD of isotopes in the tuning solution $\leq 5\%$?	☒	☐	☐	
III. Calibration				
Were all instruments calibrated daily, each set-up time?	☒	☐	☐	
Were the proper number of standards used?	☒	☐	☐	
Were all initial and continuing calibration verification %Rs within the 90-110% (80-120% for mercury) QC limits?	☒	☐	☐	
Were all initial calibration correlation coefficients > 0.995 ?	☒	☐	☐	
IV. Blanks				
Was a method blank associated with every sample in this SDG?	☒	☐	☐	
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.	☒	☐	☐	
V. ICP Interference Check Sample				
Were ICP interference check samples performed daily?	☒	☐	☐	
Were the AB solution percent recoveries (%R) with the 80-120% QC limits?	☒	☐	☐	
VI. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and duplicate (DUP) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD or MS/DUP. Soil / Water.	☒	☐	☐	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the 75-125 QC limits? If the sample concentration exceeded the spike concentration by a factor of 4 or more, no action was taken.	☐	☒	☐	
Were the MS/MSD or duplicate relative percent differences (RPD) $\leq 20\%$ for waters and $\leq 35\%$ for soil samples? A control limit of $\pm 2X$ RL for soil was used for samples that were $\leq 5X$ the RL, including when only one of the duplicate sample values were $\leq 5X$ the RL.	☒	☐	☐	
VII. Laboratory control samples				
Was an LCS analyzed for this SDG?	☒	☐	☐	
Was an LCS analyzed per extraction batch?	☒	☐	☐	
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the 80-120% QC limits for water samples and laboratory established QC limits for soils?	☒	☐	☐	

Validation Area	Yes	No	NA	Findings/Comments
VIII. Furnace Atomic Absorption QC				
If MSA was performed, was the correlation coefficients > 0.995?			/	
Do all applicable analyses have duplicate injections? (Level IV only)			/	
For sample concentrations > RL, are applicable duplicate injection RSD values < 20%? (Level IV only)			/	
Were analytical spike recoveries within the 85-115% QC limits?			/	
IX. ICP Serial Dilution				
Was an ICP serial dilution analyzed if analyte concentrations were > 50X the MDL (ICP)/>100X the MDL(ICP/MS)?	/			
Were all percent differences (%Ds) < 10%?	/			
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			/	
X. Internal Standards (EPA SW 846 Method 6020/EPA 200.8)				
Were all the percent recoveries (%R) within the 30-120% (6020)/60-125% (200.8) of the intensity of the internal standard in the associated initial calibration?	/			
If the %Rs were outside the criteria, was a reanalysis performed?			/	
XI. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?		/		
Were the performance evaluation (PE) samples within the acceptance limits?			/	
XII. Sample Result Verification				
Were RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	/			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	/			
XIV. Field duplicates				
Field duplicate pairs were identified in this SDG.	/			
Target analytes were detected in the field duplicates.	/			
XV. Field blanks				
Field blanks were identified in this SDG.	/			
Target analytes were detected in the field blanks.	/			

VALIDATION FINDINGS WORKSHEET
PB/ICB/CCB QUALIFIED SAMPLES

METHOD: Trace metals (EPA SW 864 Method 6010B/6020/7000)

Soil preparation factor applied: 100x

Reason: B

Sample Concentration units, unless otherwise noted: mg/Kg Associated Samples: All Soil

					Sample Identification									
Analyte	Maximum PB ^a (mg/Kg)	Maximum PB ^a (ug/l)	Maximum ICB/CCB ^a (ug/l)	Action Level	1	2	3	4	5					
Ca	5.64 5.639			28.2										
Mg	1.91 1.905			9.525										
Sn	1.58 1.577			7.885	2.94	3.10	2.97	3.00	2.90					

Sample Concentration units, unless otherwise noted: mg/Kg Associated Samples: 1-3

					Sample Identification									
Analyte	Maximum PB ^a (mg/Kg)	Maximum PB ^a (ug/l)	Maximum ICB/CCB ^a (ug/l)	Action Level	No Qualifiers									
Al			35.2	17.6										
Mg			35.3	17.65										

Sample Concentration units, unless otherwise noted: mg/Kg Associated Samples: 4, 5

					Sample Identification									
Analyte	Maximum PB ^a (mg/Kg)	Maximum PB ^a (ug/l)	Maximum ICB/CCB ^a (ug/l)	Action Level	No Qualifiers									
Al			40.3	20.15										
Ca			34.0	17										
Mg			39.5	19.75										

Samples with analyte concentrations within five times the associated ICB, CCB or PB concentration are listed above with the identifications from the Validation Completeness Worksheet. These sample results were qualified as not detected, "U".

Note : a - The listed analyte concentration is the highest ICB, CCB, or PB detected in the analysis of each element.

VALIDATION FINDINGS WORKSHEET **Field Blanks**

METHOD: Trace Metals (EPA SW846 6010B/7000)

Blank units: mg/L **Associated sample units:** mg/Kg

Reason: F

Sampling date: 4/16/13 **Soil factor applied** 100x

Field blank type: (circle one) Field Blank / Rinsate / Other: _____ **Associated Samples:** All

Analyte	Blank ID	Sample Identification											
	FB-041613 (SDG: PH032)	Action Limit	1	2	3	4	5						
Mo	0.0132	6.60	0.321	0.439	0.322	0.429	0.379						
Sn	0.0029	1.45											

Sampling date: 11/26/13 **Soil factor applied** 100x

Field blank type: (circle one) Field Blank / Rinsate / Other: _____ **Associated Samples:** All

Analyte	Blank ID	Sample Identification											
	EB2-112613 (SDG: <u>136</u> PH126)	Action Limit	No Qualifiers										
Ni	0.0018	0.9											
K	0.109	54.5											
Zn	0.0022	1.1											

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:

Samples with analyte concentrations within five times the associated field blank concentration are listed above, these sample results were qualified as not detected, "U".

METHOD: Trace metals (EPA SW 846 Method 6010B/6020A/7000)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A

Was a matrix spike analyzed for each matrix in this SDG?

Y (N) N/A

Were matrix spike percent recoveries (%R) within the control limits of 75-125? If the sample concentration exceeded the spike concentration by a factor of 4 or more, no action was taken.

Y N N/A

Were all duplicate sample relative percent differences (RPD) $\leq 20\%$ for water samples and $\leq 35\%$ for soil samples?

LEVEL IV ONLY:

Y N N/A

Were recalculated results acceptable? See Level IV Recalculation Worksheet for recalculations.

[illegible]

Comments:

Al, Ca, Fe, Mg, Mn, Ti > 4x

VALIDATION FINDINGS WORKSHEET
Field Duplicates

Method: Metals

Analyte	Concentration (mg/Kg)		RPD (≤ 50)	Qualifiers (Parents Only)
	2	4		
Aluminum	15800	17000	7	
Arsenic	3.16	3.56	12	
Barium	88.9	80.6	10	
Beryllium	0.619	0.661	7	
Boron	2.03	10.1U	200	J/UJ/A (FD)
Calcium	2630	2390	10	
Chromium	33.2	36.5	9	
Cobalt	4.21	4.03	4	
Copper	18.3	18.1	1	
Iron	19600	19800	1	
Lead	7.49	7.18	4	
Lithium	23.4	23.7	1	
Magnesium	4030	4040	0	
Manganese	292	244	18	
Molybdenum	0.439	0.429	2	
Nickel	10.3	9.37	9	
Phosphorus	300	278	8	
Potassium	3200	2630	20	
Sodium	96.9	96.4	1	
Tin	3.10	3.00	3	
Titanium	1090	1070	2	
Vanadium	32.8	32.0	2	
Zinc	116	132	13	
Zirconium	2.64	2.73	3	
Selenium	0.184	0.208	12	
Silver	13.6	3.03	127	Jdet/A (FD)
Strontium	19.8	17.2	14	
Thallium	0.229	0.241	5	
Mercury	0.0398	0.0276	36	

LDC #: 3121204

VALIDATION FINDINGS WORKSHEET **Initial and Continuing Calibration Calculation Verification**

Page: 1 of 1
 Reviewer: CR
 2nd Reviewer: SK

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

An initial and continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

$$\%R = \frac{\text{Found}}{\text{True}} \times 100$$

Where, Found = concentration (in ug/L) of each analyte measured in the analysis of the ICV or CCV solution
 True = concentration (in ug/L) of each analyte in the ICV or CCV source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated	Reported	Acceptable (Y/N)
					%R	%R	
ICV	ICP (Initial calibration)	Cr	581.85	600	97.0	97.0	Y
↓	ICP/MS (Initial calibration)	Sr	49.80	50	99.6	99.6	
↓	CVA (Initial calibration)	Hg	2.74	2.5	109.6	109.6	
CCV (11/31)	ICP (Continuing calibration)	P	486.83	500	97.8	97.8	
CCV (12/5/20)	ICP/MS (Continuing calibration)	Tl	24.39	25	97.6	97.6	
CCV (10/20)	CVA (Continuing calibration)	Hg	1.09	1	109.0	109.0	
	GFAA (Initial calibration)						
	GFAA (Continuing calibration)						

Comments: Refer to Calibration Verification findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212P4

VALIDATION FINDINGS WORKSHEET Level IV Recalculation Worksheet

Page: 1 of 1
Reviewer: GR
2nd Reviewer: SM

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

Percent recoveries (%R) for an ICP interference check sample, a laboratory control sample and a matrix spike sample were recalculated using the following formula:

$$\%R = \frac{\text{Found}}{\text{True}} \times 100$$

Where, Found = Concentration of each analyte measured in the analysis of the sample. For the matrix spike calculation,
Found = SSR (spiked sample result) - SR (sample result).
True = Concentration of each analyte in the source.

A sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

$$RPD = \frac{|S-D|}{(S+D)/2} \times 100$$

Where, S = Original sample concentration
D = Duplicate sample concentration

An ICP serial dilution percent difference (%D) was recalculated using the following formula:

$$\%D = \frac{|I-SDR|}{I} \times 100$$

Where, I = Initial Sample Result (mg/L)
SDR = Serial Dilution Result (mg/L) (Instrument Reading x 5)

Sample ID	Type of Analysis	Element	Found / S / I (units)	True / D / SDR (units)	Recalculated	Reported	Acceptable (Y/N)
					%R / RPD / %D	%R / RPD / %D	
IC5AB	ICP interference check	Cu	530.8	500	106.2	106.2	Y
LCS	Laboratory control sample	Li	102873	100000		103	Y
Q	Matrix spike	Sn	(SSR-SR) 34,0450	50	68	68	Y
8	Duplicate	Ca	2579.802	2559.830	1	1	Y
2	ICP serial dilution	V	321.74	325.85	1	1	Y

Comments: Refer to appropriate worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results

LDC #: 3121211

VALIDATION FINDINGS WORKSHEET

Sample Calculation Verification

Page: 1 of 1

Reviewer: CR

2nd reviewer:

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

*Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Have results been reported and calculated correctly?

Y	N	N/A	Are results within the calibrated range of the instruments and within the linear range of the ICP?
---	---	-----	--

(Y) N N/A	Are all detection limits below the CRDL?
-----------	--

Detected analyte results for 1 were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(\text{RD})(\text{FV})(\text{Dil})}{(\text{In. Vol.})}$$

Recalculation:

RD = Raw data concentration
FV = Final volume (ml)
In. Vol. = Initial volume (ml) or weight (G)
Dil = Dilution factor

$$Z = \frac{100 \text{ mL} (31.31293 \text{ mg/L})}{0.98 (1.00 \text{ g})} = 3195.7 \text{ mg/kg}$$

[illegible]

Note: _____

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: Santa Susana Field Laboratory

Collection Date: November 25, 2013

LDC Report Date: February 5, 2014

Matrix: Soil

Parameters: Hexavalent Chromium

Validation Level: Level IV

Laboratory: Eurofins Lancaster Laboratories

Sample Delivery Group (SDG): PH134

Sample Identification

SL-715-SA5A-SB-0.0-0.5

SL-715-SA5A-SB-6.0-7.0

SL-1015-SA5A-SB-0.0-0.5

SL-715-SA5A-SB-0.0-0.5DUP

SL-715-SA5A-SB-0.0-0.5MS

Introduction

This data review covers 5 soil samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 7199 for Hexavalent Chromium.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Initial Calibration

All criteria for the initial calibration were met.

III. Calibration Verification

Continuing calibration frequency and analysis criteria were met.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No hexavalent chromium was found in the initial, continuing and preparation blanks.

Sample EB2-112613 (from SDG PH135) was identified as an equipment blank. No hexavalent chromium was found.

Sample FB-041613 (from SDG PH032) was identified as a field blank. No hexavalent chromium was found.

V. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

VI. Duplicates

Duplicate (DUP) sample analyses were reviewed for each matrix as applicable. Results were within QC limits.

VII. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

VIII. Sample Result Verification

All sample result verifications were acceptable.

All analytes reported below the RL and above the MDL were qualified as follows:

Sample	Analyte	Flag	A or P
All samples in SDG PH134	All analytes reported below the RL and above the MDL.	J (all detects)	A

IX. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

X. Field Duplicates

Samples SL-715-SA5A-SB-0.0-0.5 and SL-1015-SA5A-SB-0.0-0.5 were identified as field duplicates. No hexavalent chromium was detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
	SL-715-SA5A-SB-0.0-0.5	SL-1015-SA5A-SB-0.0-0.5			
Hexavalent chromium	1.1	3.1	95 (≤50)	J (all detects)	A

Santa Susana Field Laboratory
Hexavalent Chromium - Data Qualification Summary - SDG PH134

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
PH134	SL-715-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-6.0-7.0 SL-1015-SA5A-SB-0.0-0.5	All analytes reported below the RL and above the MDL.	J (all detects)	A	Sample result verification
PH134	SL-715-SA5A-SB-0.0-0.5 SL-1015-SA5A-SB-0.0-0.5	Hexavalent chromium	J (all detects)	A	Field duplicates (RPD) (FD)

Santa Susana Field Laboratory
Hexavalent Chromium – Laboratory Blank Data Qualification Summary - SDG PH134

No Sample Data Qualified in this SDG

Santa Susana Field Laboratory
Hexavalent Chromium - Field Blank Data Qualification Summary - SDG PH134

No Sample Data Qualified in this SDG

METHOD: (Analyte) Hexavalent Chromium (EPA SW846 Method 7199).

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 11/25/13
IIa.	Initial calibration	A	
IIb.	Calibration verification	A	
III.	Blanks	A	
IV.	Matrix Spike/Matrix Spike Duplicates	MS	
V.	Duplicates	A	DUP (ok by difference)
VI.	Laboratory control samples	A	LCS
VII.	Sample result verification	A	
VIII.	Overall assessment of data	A	
IX.	Field duplicates	SW	(1,3)
X.	Field blanks	ND	EB = EB2-112613 FB = FB-011613

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

(P14135)
D = Duplicate
TB = Trip blank
EB = Equipment blank

(P14032)

Validated Samples:

Soil

1	SL-715-SA5A-SB-0.0-0.5	11		21		31	
2	SL-715-SA5A-SB-6.0-7.0	12		22		32	
3	SL-1015-SA5A-SB-0.0-0.5	13		23		33	
4	SL-715-SA5A-SB-0.0-0.5DUP	14		24		34	
5	J MS	15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes: _____

Method: Inorganics (EPA Method seecover)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	☒	☐	☐	
Cooler temperature criteria was met.	☒	☐	☐	
II. Calibration				
Were all instruments calibrated daily, each set-up time?	☒	☐	☐	
Were the proper number of standards used?	☒	☐	☐	
Were all initial calibration correlation coefficients > 0.995 ?	☒	☐	☐	
Were all initial and continuing calibration verification %Rs within the 90-110% QC limits?	☒	☐	☐	
Were titrant checks performed as required? (Level IV only)	☐	☐	☒	
Were balance checks performed as required? (Level IV only)	☐	☐	☒	
III. Blanks				
Was a method blank associated with every sample in this SDG?	☒	☐	☐	
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.	☐	☒	☐	
IV. Matrix spike/Matrix spike duplicates and Duplicates				
Were a matrix spike (MS) and duplicate (DUP) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD or MS/DUP. Soil / Water.	☒	☐	☐	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the 75-125 QC limits? If the sample concentration exceeded the spike concentration by a factor of 4 or more, no action was taken.	☒	☐	☐	
Were the MS/MSD or duplicate relative percent differences (RPD) $\leq 20\%$ for waters and $\leq 35\%$ for soil samples? A control limit of $\leq \text{CRDL}$ ($\leq 2\text{X CRDL}$ for soil) was used for samples that were $\leq 5\text{X}$ the CRDL, including when only one of the duplicate sample values were $\leq 5\text{X}$ the CRDL.	☒	☐	☐	
V. Laboratory control samples				
Was an LCS analyzed for this SDG?	☒	☐	☐	
Was an LCS analyzed per extraction batch?	☒	☐	☐	
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the 80-120% (85-115% for Method 300.0) QC limits?	☒	☐	☐	
VI. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?	☐	☒	☐	
Were the performance evaluation (PE) samples within the acceptance limits?	☐	☐	☒	

LDC #: 3121206

VALIDATION FINDINGS CHECKLIST

Page: 2 of 2
Reviewer: OL
2nd Reviewer: SM

Validation Area	Yes	No	NA	Findings/Comments
VII. Sample Result Verification				
Were RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	☒	☐	☐	
Were detection limits < RL?	☒	☐	☐	
VIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	☒	☐	☐	
IX. Field duplicates				
Field duplicate pairs were identified in this SDG.	☒	☐	☐	
Target analytes were detected in the field duplicates.	☒	☐	☐	
X. Field blanks				
Field blanks were identified in this SDG.	☒	☒	☐	
Target analytes were detected in the field blanks.	☐	☒	☐	

LDC: 31212D6

VALIDATION FINDINGS WORKSHEET
Field Duplicates

Page: 1 of 1

Reviewer: OT

2nd Reviewer: SM

Method: Inorganics (see cover)

Analyte	Concentration (mg/Kg)		RPD (≤ 50)	Qualifiers (Parents Only)
	2	4		
Hexavalent Chromium	1.1	3.1	95	Jdet/A (FD)

LDC #: 3121206

Validation Findings Worksheet Initial and Continuing Calibration Calculation Verification

Page: 1 of 1
 Reviewer: [Signature]
 2nd Reviewer: [Signature]

Method: Inorganics, Method See Cover

The correlation coefficient (r) for the calibration of Cd was recalculated. Calibration date: 12/12/13

An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

$$\%R = \frac{\text{Found} \times 100}{\text{True}}$$

Where,

Found = concentration of each analyte measured in the analysis of the ICV or CCV solution

True = concentration of each analyte in the ICV or CCV source

Type of analysis	Analyte	Standard	Conc. (mg/L)	Area	Recalculated	Reported	Acceptable (Y/N)
					r or r ²	r or r ²	
Initial calibration	Cd	s1	10	0.0926	0.99928	0.99928	Y
		s2	50	0.4734			
		s3	100	0.9186			
		s4	200	1.9839			
		s5	300	2.8393			
Calibration verification	↓	CCV	50	4827	97	97	↓
Calibration verification	↓	↓	200	20322	102	102	↓
Calibration verification							

Comments: Refer to Calibration Verification findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212D6VALIDATION FINDINGS WORKSHEET
Level IV Recalculation WorksheetPage: 1 of 1
Reviewer: QR
2nd Reviewer: SRMETHOD: Inorganics, Method See cover

Percent recoveries (%R) for a laboratory control sample and a matrix spike sample were recalculated using the following formula:

$\%R = \frac{\text{Found}}{\text{True}} \times 100$ Where, Found = concentration of each analyte measured in the analysis of the sample. For the matrix spike calculation, Found = SSR (spiked sample result) - SR (sample result).
True = concentration of each analyte in the source.

A sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

$RPD = \frac{|S-D|}{(S+D)/2} \times 100$ Where, S = Original sample concentration
D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	Found / S (units)	True / D (units)	Recalculated	Reported	Acceptable (Y/N)
					%R / RPD	%R / RPD	
UCS	Laboratory control sample	As ⁺	4.63	5	93	93	Y
5	Matrix spike sample	↓	(SSR-SR) 33.98	39.06	87	87	↓
4	Duplicate sample	↓	1.07	1.85	53	53	↓

Comments: Refer to appropriate worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #:

VALIDATION FINDINGS WORKSHEET

Sample Calculation Verification

Page: 1 of 1

Reviewer: OR

2nd reviewer: SM

METHOD: Inorganics, Method See cover

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y	N	N/A
---	---	-----

Have results been reported and calculated correctly?

<u>Y</u>	<u>N</u>	<u>N/A</u>
----------	----------	------------

Are results within the calibrated range of the instruments?

Y N N/A

Are all detection limits below the CRQL?

Compound (analyte) results for Chlordane reported with a positive detect were recalculated and verified using the following equation:

Concentration =

Recalculation:

$$A_{RQ}(104.06) + 0.724$$

$$\frac{0.2442(104.06) + 0.724}{24.25(0.98)} = \frac{1.616}{1.108} \text{ g/kg}$$

[illegible]

Note: _____

**Laboratory Data Consultants, Inc.
Data Validation Report**

Project/Site Name: Santa Susana Field Laboratory
Collection Date: November 25, 2013
LDC Report Date: February 11, 2014
Matrix: Soil/Water
Parameters: Total Petroleum Hydrocarbons as Gasoline
Validation Level: Level IV
Laboratory: Eurofins Lancaster Laboratories
Sample Delivery Group (SDG): PH134

Sample Identification

SL-715-SA5A-SB-6.0-7.0
TB-112513

Introduction

This data review covers one soil sample and one water sample listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8015B for Total Petroleum Hydrocarbons (TPH) as Gasoline.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Initial Calibration

Initial calibration of compounds was performed as required by the method.

The percent relative standard deviations (%RSD) of calibration factors for all compounds were less than or equal to 20.0%.

III. Calibration Verification

Calibration verification was performed at required frequencies. The percent differences (%D) of amounts in continuing standard mixtures were within the 20.0% QC limits.

The percent differences (%D) of the second source calibration standard were less than or equal to 20.0% for all compounds.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No total petroleum hydrocarbons as gasoline contaminants were found in the method blanks.

Sample TB-112513 was identified as a trip blank. No total petroleum hydrocarbons as gasoline contaminants were found.

Sample EB2-112613 (from SDG PH135) was identified as an equipment blank. No total petroleum hydrocarbons as gasoline contaminants were found.

Sample FB-041613 (from SDG PH032) was identified as a field blank. No total petroleum hydrocarbons as gasoline contaminants were found.

V. Surrogate Recovery

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VI. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VII. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Target Compound Identification

All target compound identifications were within validation criteria.

IX. Compound Quantitation

All compound quantitations were within validation criteria.

All compounds reported below the RL were qualified as follows:

Sample	Finding	Flag	A or P
All samples in SDG PH134	All compounds reported below the RL.	J (all detects)	A

X. System Performance

The system performance was acceptable.

XI. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XII. Field Duplicates

No field duplicates were identified in this SDG.

Santa Susana Field Laboratory

Total Petroleum Hydrocarbons as Gasoline - Data Qualification Summary - SDG PH134

SDG	Sample	Compound	Flag	A or P	Reason (Code)
PH134	SL-715-SA5A-SB-6.0-7.0 TB-112513	All compounds reported below the RL.	J (all detects)	A	Compound quantitation (Z)

Santa Susana Field Laboratory

Total Petroleum Hydrocarbons as Gasoline - Laboratory Blank Data Qualification Summary - SDG PH134

No Sample Data Qualified in this SDG

Santa Susana Field Laboratory

Total Petroleum Hydrocarbons as Gasoline - Field Blank Data Qualification Summary - SDG PH134

No Sample Data Qualified in this SDG

LDC #: 31212D7 **VALIDATION COMPLETENESS WORKSHEET**

SDG #: PH134

Level IV

Laboratory: Eurofins Lancaster Laboratories

Date: 2/4/14

Page: 1 of 1

Reviewer: BK

2nd Reviewer: SM

METHOD: GC TPH as Gasoline (EPA SW 846 Method 8015B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	SWA ⁹⁷	Sampling dates: 11/25/13
II.	Initial calibration	A	RSD $\leq 20\%$
III.	Calibration verification/ICV	A	ICV/CCV $\leq 20\%$
IV.	Blanks	A	
V.	Surrogate recovery	A	
VI.	Matrix spike/Matrix spike duplicates	N	Client spec.
VII.	Laboratory control samples	A	LCS/D
VIII.	Target compound identification	A	
IX.	Compound quantitation/RL/LOQ/LODs	A	
X.	System Performance	A	
XI.	Overall assessment of data	A	
XII.	Field duplicates	N	
XIII.	Field blanks	ND	TB = 2 EB = EB2-112613 (SDG #PH135) FB = FB-041613 (SDG #PH032)

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples: Soil + Water

1	SL-715-SA5A-SB-6.0-7.0	11		21		31	BLK9A
2	TB-112513 W	12		22		32	BLK8B
3		13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

Method: ☒ GC ☐ HPLC

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	☒	☒		samples preserved
Cooler temperature criteria was met.	☒			
II. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	☒			
Was a linear fit used for evaluation? If yes, were all percent relative standard deviations (%RSD) $\leq 20\%$?	☒			
Was a curve fit used for evaluation? If Yes, what was the acceptance criteria used?		☒		
Did the initial calibration meet the curve fit acceptance criteria?			☒	
Were the RT windows properly established?	☒			
III. Continuing calibration				
What type of continuing calibration calculation was performed? <u>1</u> %D or <u> </u> %R	☒			
Was a continuing calibration analyzed daily?	☒			
Were all percent differences (%D) $\leq 20\%$ or percent recoveries 80-120%?	☒			
Were all the retention times within the acceptance windows?	☒			
IV. Blanks				
Was a method blank associated with every sample in this SDG?	☒			
Was a method blank analyzed for each matrix and concentration?	☒			
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.		☒		
V. Surrogate spikes				
Were all surrogate %R within the QC limits?	☒			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			☒	
If any %R was less than 10 percent, was a reanalysis performed to confirm %R?			☒	
VI. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.		☒		
Was a MS/MSD analyzed every 20 samples of each matrix?			☒	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			☒	
VII. Laboratory control samples				
Was an LCS analyzed for this SDG?	☒			
Was an LCS analyzed per extraction batch?	☒			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	☒			

LDC #: 3121207

VALIDATION FINDINGS CHECKLIST

Page: 2 of 2Reviewer: BR2nd Reviewer: SM

Validation Area	Yes	No	NA	Findings/Comments
IX. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?		/		
Were the performance evaluation (PE) samples within the acceptance limits?			/	
X. Target compound identification				
Were the retention times of reported detects within the RT windows?	/			
XI. Compound quantitation/CRQLs				
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	/			
XII. System performance				
System performance was found to be acceptable.	/			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	/			
XIV. Field duplicates				
Field duplicate pairs were identified in this SDG.		/		
Target compounds were detected in the field duplicates.			/	
XV. Field blanks				
Field blanks were identified in this SDG.	/	/		
Target compounds were detected in the field blanks.				

LDC #: 31212D7

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page 1 of 1Reviewer: BR2nd Reviewer: METHOD: GC X HPLC _____

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

$$CF = A/C$$

$$\text{average CF} = \text{sum of the CF/number of standards}$$

$$\%RSD = 100 * (S/X)$$

Where:

A = Area of compound

C = Concentration of compound

S = Standard deviation of calibration factors

X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (550 std)	Recalculated CF (550 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL 11379F J&W DB-MTB	9/27/2013	GRO	53902	53902	55635	55635	4	4

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212D7

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page 1 of 1Reviewer: BR2nd Reviewer: *RM*METHOD: GC X HPLC _____

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

CF = A/C

average CF = sum of the CF/number of standards

%RSD = 100 * (S/X)

Where:

A = Area of compound

C = Concentration of compound

S = Standard deviation of calibration factors

X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (550 std)	Recalculated CF (550 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL 16394F Restek VRX	10/8/2013	GRO	28604	28604	28046	28046	6	6

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31207VALIDATION FINDINGS WORKSHEET
Surrogate Results VerificationPage: 1 of 1Reviewer: BR2nd reviewer: ShMETHOD: X GC HPLC

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: $SF/SS * 100$ Where: SF = Surrogate Found
SS = Surrogate SpikedSample ID: 1

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Trifluorotoluene	TW DB-MT	876.3	854.57	98	98	0

Sample ID: 2

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Trifluorotoluene	Restek VRx	30	31.9207	106	106	0

Sample ID:

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	

LDC #: 3/2/07

VALIDATION FINDINGS WORKSHEET

Page: 1 of 1Laboratory Control Sample/Laboratory Control Sample Duplicates Results VerificationReviewer: BR2nd Reviewer: EnMETHOD: X GC HPLC

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

$$\% \text{Recovery} = 100 * (\text{SSC} - \text{SC}) / \text{SA}$$

Where SSC = Spiked sample concentration

SC = Sample concentration

SA = Spike added

$$\text{RPD} = ((\text{SSCLCS} - \text{SSCLCSD}) * 2) / (\text{SSCLCS} + \text{SSCLCSD}) * 100$$

LCS = Laboratory Control Sample

LCSD = Laboratory Control Sample duplicate

LCS/LCSD samples:

Compound	Spike Added (<u>mg/kg</u>)		Spike Sample Concentration (<u>mg/kg</u>)		LCS		LCSD		LCS/LCSD	
					Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Gasoline (8015)	11	—	10.86	—	99	99	—	—	—	—
Diesel (8015)										
Benzene (8021B)										
Methane (RSK-175)										
2,4-D (8151)										
Dinoseb (8151)										
Naphthalene (8310)										
Anthracene (8310)										
HMX (8330)										
2,4,6-Trinitrotoluene (8330)										

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicate findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 3121207VALIDATION FINDINGS WORKSHEET
Sample Calculation VerificationPage: 1 of 1
Reviewer: BR
2nd Reviewer: SMMETHOD: X GC HPLCY N N/A
Y N N/A

Were all reported results recalculated and verified for all level IV samples?

Were all recalculated results for detected target compounds within 10% of the reported results?

Concentration= $\frac{(A)(Fv)(Df)}{(RF)(Vs \text{ or } Ws)(\%S/100)}$

Example:

Sample ID: A11 Compound Name NDLCSPB: GRD = 10.86 mg/kgConcentration = $\frac{(27262820 - 3098793)(25)}{(55635)(1)(100)}$
= 10.8582848 mg/kg

#	Sample ID	Compound	Reported Concentrations ()	Recalculated Results Concentrations ()	Qualifications

Comments: _____

**Laboratory Data Consultants, Inc.
Data Validation Report**

Project/Site Name: Santa Susana Field Laboratory
Collection Date: November 25, 2013
LDC Report Date: February 11, 2014
Matrix: Soil
Parameters: Total Petroleum Hydrocarbons as Extractables
Validation Level: Level IV
Laboratory: Eurofins Lancaster Laboratories
Sample Delivery Group (SDG): PH134

Sample Identification

SL-584-SA5A-SB-0.0-0.5
SL-715-SA5A-SB-0.0-0.5
SL-715-SA5A-SB-6.0-7.0
SL-1015-SA5A-SB-0.0-0.5
SL-631-SA5A-SB-0.0-0.5
SL-715-SA5A-SB-0.0-0.5MS
SL-715-SA5A-SB-0.0-0.5MSD

Introduction

This data review covers 7 soil samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8015B for Total Petroleum Hydrocarbons (TPH) as Extractables.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Initial Calibration

Initial calibration of compounds was performed as required by the method.

The percent relative standard deviations (%RSD) of calibration factors for compounds were less than or equal to 20.0%.

III. Calibration Verification

Calibration verification was performed at required frequencies. The percent differences (%D) of amounts in continuing standard mixtures were within the 20.0% QC limits.

The percent differences (%D) of the second source calibration standard were less than or equal to 20.0% for all compounds.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No total petroleum hydrocarbons as extractables contaminants were found in the method blanks.

Sample EB2-112613 (from SDG PH135) was identified as an equipment blank. No total petroleum hydrocarbons as extractables contaminants were found.

Sample FB-041613 (from SDG PH032) was identified as a field blank. No total petroleum hydrocarbons as extractables contaminants were found.

V. Surrogate Recovery

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
SL-715-SA5A-SB-0.0-0.5MS/MSD (SL-715-SA5A-SB-0.0-0.5)	EFH (C15-C20)	-	129 (49-123)	-	J (all detects)	A

Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
SL-715-SA5A-SB-0.0-0.5MS/MSD (SL-715-SA5A-SB-0.0-0.5)	EFH (C30-C40)	48 (49-123)	-	-	J (all detects) UJ (all non-detects)	A

VII. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

VIII. Target Compound Identification

All target compound identifications were within validation criteria.

IX. Compound Quantitation

All compound quantitations were within validation criteria.

All compounds reported below the RL were qualified as follows:

Sample	Finding	Flag	A or P
All samples in SDG PH134	All compounds reported below the RL.	J (all detects)	A

X. System Performance

The system performance was acceptable.

XI. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XII. Field Duplicates

Samples SL-783-SA5A-SB-0.0-0.5 and SL-1183-SA5A-SB-0.0-0.5 were identified as field duplicates. No total petroleum hydrocarbons as extractables were detected in any of the samples with the following exceptions:

Compound	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
	SL-715-SA5A-SB-0.0-0.5	SL-1015-SA5A-SB-0.0-0.5			
EFH (C21-C30)	12	32	91 (≤50)	J (all detects)	A
EFH (C30-C40)	32	180	140 (≤50)	J (all detects)	A

**Santa Susana Field Laboratory
Total Petroleum Hydrocarbons as Extractables - Data Qualification Summary -
SDG PH134**

SDG	Sample	Compound	Flag	A or P	Reason (Code)
PH134	SL-715-SA5A-SB-0.0-0.5	EFH (C15-C20)	J (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (Q)
PH134	SL-715-SA5A-SB-0.0-0.5	EFH (C30-C40)	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (Q)
PH134	SL-584-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-6.0-7.0 SL-1015-SA5A-SB-0.0-0.5 SL-631-SA5A-SB-0.0-0.5	All compounds reported below the RL.	J (all detects)	A	Compound quantitation (Z)
PH134	SL-715-SA5A-SB-0.0-0.5 SL-1015-SA5A-SB-0.0-0.5	EFH (C21-C30) EFH (C30-C40)	J (all detects) J (all detects)	A	Field duplicates (RPD) (FD)

**Santa Susana Field Laboratory
Total Petroleum Hydrocarbons as Extractables - Laboratory Blank Data
Qualification Summary - SDG PH134**

No Sample Data Qualified in this SDG

**Santa Susana Field Laboratory
Total Petroleum Hydrocarbons as Extractables - Field Blank Data Qualification
Summary - SDG PH134**

No Sample Data Qualified in this SDG

LDC #: 31212D8

VALIDATION COMPLETENESS WORKSHEET

SDG #: PH134

Level IV

Laboratory: Eurofins Lancaster Laboratories

Date: 2/4/14

Page: 1 of 1

Reviewer: RK

2nd Reviewer: SM

METHOD: GC TPH as Extractables (EPA SW 846 Method 8015B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 11/25/13
II.	Initial calibration	A	RSD ≤ 20%
III.	Calibration verification/ICV	A	ICV/CCV = 20%
IV.	Blanks	A	
V.	Surrogate recovery	A	
VI.	Matrix spike/Matrix spike duplicates	SW	
VII.	Laboratory control samples	A	LCS
VIII.	Target compound identification	A	
IX.	Compound quantitation/RL/LOQ/LODs	A	
X.	System Performance	A	
XI.	Overall assessment of data	A	
XII.	Field duplicates	SW	FD = 2 + 4 SDG #
XIII.	Field blanks	ND	EB = EB2-112613 (PH-135) FB = FB-041613 (SDG # PH-662)

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples: SD: 1

1	SL-584-SA5A-SB-0.0-0.5	11	21	31	PBLK 14339
2	SL-715-SA5A-SB-0.0-0.5	12	22	32	
3	SL-715-SA5A-SB-6.0-7.0	13	23	33	
4	SL-1015-SA5A-SB-0.0-0.5	14	24	34	
5	SL-631-SA5A-SB-0.0-0.5	15	25	35	
6	SL-715-SA5A-SB-0.0-0.5MS	16	26	36	
7	SL-715-SA5A-SB-0.0-0.5MSD	17	27	37	
8		18	28	38	
9		19	29	39	
10		20	30	40	

Notes: _____

Method: X GC HPLC

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	☒	☐	☐	
Cooler temperature criteria was met.	☒	☐	☐	
II. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	☒	☐	☐	
Was a linear fit used for evaluation? If yes, were all percent relative standard deviations (%RSD) $\leq$ 20%?	☒	☐	☐	
Was a curve fit used for evaluation? If Yes, what was the acceptance criteria used?	☐	☒	☐	
Did the initial calibration meet the curve fit acceptance criteria?	☐	☐	☒	
Were the RT windows properly established?	☒	☐	☐	
III. Continuing calibration				
What type of continuing calibration calculation was performed? <u>X</u> %D or <u> </u> %R	☒	☐	☐	
Was a continuing calibration analyzed daily?	☒	☐	☐	
Were all percent differences (%D) $\leq$ 20% or percent recoveries 80-120%?	☒	☐	☐	
Were all the retention times within the acceptance windows?	☒	☐	☐	
IV. Blanks				
Was a method blank associated with every sample in this SDG?	☒	☐	☐	
Was a method blank analyzed for each matrix and concentration?	☒	☐	☐	
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.	☐	☒	☐	
V. Surrogate spikes				
Were all surrogate %R within the QC limits?	☒	☐	☐	
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?	☐	☐	☒	
If any %R was less than 10 percent, was a reanalysis performed to confirm %R?	☐	☐	☒	
VI. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.	☒	☐	☐	
Was a MS/MSD analyzed every 20 samples of each matrix?	☒	☐	☐	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	☒	☒	☐	
VII. Laboratory control samples				
Was an LCS analyzed for this SDG?	☒	☐	☐	
Was an LCS analyzed per extraction batch?	☒	☐	☐	
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	☒	☐	☐	

Validation Area	Yes	No	NA	Findings/Comments
IX. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?		☒		
Were the performance evaluation (PE) samples within the acceptance limits?			☒	
X. Target compound identification				
Were the retention times of reported detects within the RT windows?	☒			
XI. Compound quantitation/CRQLs				
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	☒			
XII. System performance				
System performance was found to be acceptable.	☒			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	☒			
XIV. Field duplicates				
Field duplicate pairs were identified in this SDG.	☒			
Target compounds were detected in the field duplicates.	☒			
XV. Field blanks				
Field blanks were identified in this SDG.	☒			
Target compounds were detected in the field blanks.		☒		

LDC #: 3121208

VALIDATION FINDINGS WORKSHEET

Matrix Spike/Matrix Spike Duplicates

Page: 1 of 1

Reviewer: *BR*

2nd Reviewer: SM

METHOD: X GC HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

N/A Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG?

Y/N	N/A	Was an MS/MSD analyzed every 20 samples for each matrix or whenever a sample extraction was performed?
-----	-----	--

Y N N/A Were the MS/MSD percent recoveries (%R) and relative percent differences (RPD) within QC limits?

[illegible]

LDC #: 3/2/2018SDG #: see env

VALIDATION FINDINGS WORKSHEET

Field DuplicatesPage: 1 of 1Reviewer: BA2nd reviewer: SMMETHOD: XGC HPLCY N N/A Were field duplicate pairs identified in this SDG?Y N N/A Were target compounds detected in the field duplicate pairs?Ldc: FD

Compound	Concentration (<u>mg/kg</u>)		%RPD Limit <u>50</u>	Qualification
	<u>2</u>	<u>4</u>		Parent only / All Samples
<u>EFH (C21-C30)</u>	<u>12</u>	<u>32</u>	<u>91</u>	<u>Ident/A</u>
<u>EFH (C30-C40)</u>	<u>32</u>	<u>180</u>	<u>140</u>	<u>↓</u>

Compound	Concentration ()		%RPD Limit	Qualification
				Parent only / All Samples

Compound	Concentration ()		%RPD Limit	Qualification
				Parent only / All Samples

Compound	Concentration ()		%RPD Limit	Qualification
				Parent only / All Samples

LDC #: 31212D8

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page 1 of 1Reviewer: BR2nd Reviewer: SMMETHOD: GC X HPLC _____

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

$$CF = A/C$$

$$\text{average CF} = \text{sum of the CF/number of standards}$$

$$\%RSD = 100 * (S/X)$$

Where:

A = Area of compound

C = Concentration of compound

S = Standard deviation of calibration factors

X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (144 std)	Recalculated CF (144 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL CP23-19879B ZB-5	8/19/2013	C8-C40	25401	25401	27097	27097	10%	10%

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212D8

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Page: (of 1Reviewer: BR2nd Reviewer: SM

METHOD: GC____HPLC____

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = $100 * (N - C)/N$

Where:

N = Initial Calibration Factor or Nominal Amount

C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	CCV Conc/CF	Reported Conc/CF	Recalculated Conc/CF	Reported % D	Recalculated %D
1	J340B.0032	12/7/2013	C8-C40	288.01	259.49	259.49	10	10
2								
3								

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 3121208VALIDATION FINDINGS WORKSHEET
Surrogate Results VerificationPage: 1 of 1Reviewer: BR2nd reviewer: SMMETHOD: X GC HPLC

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate SpikedSample ID: 1

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Chlorobenzene	2B-5	2.00	2.0071	101	100.4	0.6
Ortho-terphenyl		L	2.1425	107	107	0

Sample ID:

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	

Sample ID:

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	

LDC #: 3121208

VALIDATION FINDINGS WORKSHEET **Matrix Spike/Matrix Spike Duplicates Results Verification**

Page: 1 of 1Reviewer: BR2nd Reviewer: SMMETHOD: X GC HPLC

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

$$\% \text{Recovery} = 100 * (\text{SSC} - \text{SC}) / \text{SA}$$

Where

SSC = Spiked sample concentration

MS = Matrix spike

SC = Sample concentration

MSD = Matrix spike duplicate

$$\text{RPD} = ((\text{SSCMS} - \text{SSCMSD}) * 2) / (\text{SSCMS} + \text{SSCMSD}) * 100$$

SA = Spike added

MS/MSD samples: 4/7

Compound	Spike Added		Sample Conc.	Spike Sample Concentration		Matrix spike		Matrix Spike Duplicate		MS/MSD	
	(mg/kg)			(mg/kg)		Percent Recovery		Percent Recovery		RPD	
	MS	MSD		---	MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported
Gasoline (8015)											
Diesel (8015)											
Benzene (8021B)											
Methane (RSK-175)											
2,4-D (8151)											
Dinoseb (8151)											
Naphthalene (8310)											
Anthracene (8310)											
HMX (8330)											
2,4,6-Trinitrotoluene (8330)											
EPA (C8-C11)	5.02	5.02	0	4.24	4.33	85	84.5	86	86.3	2	2.1

Comments: Refer to Matrix Spike/Matrix Spike Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 3121208

VALIDATION FINDINGS WORKSHEET

Page: 1 of 1Laboratory Control Sample/Laboratory Control Sample Duplicates Results VerificationReviewer: BR2nd Reviewer: SMMETHOD: X GC HPLC

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

$$\% \text{Recovery} = 100 * (\text{SSC} - \text{SC}) / \text{SA}$$

Where SSC = Spiked sample concentration

SC = Sample concentration

SA = Spike added

$$\text{RPD} = ((\text{SSCLCS} - \text{SSCLCSD}) * 2) / (\text{SSCLCS} + \text{SSCLCSD}) * 100$$

LCS = Laboratory Control Sample

LCSD = Laboratory Control Sample duplicate

LCS/LCSD samples: LCS14339

Compound	Spike Added (<u>ng/kg</u>)		Spike Sample Concentration (<u>ng/kg</u>)		LCS		LCSD		LCS/LCSD	
					Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Gasoline (8015)										
Diesel (8015)										
Benzene (8021B)										
Methane (RSK-175)										
2,4-D (8151)										
Dinoseb (8151)										
Naphthalene (8310)										
Anthracene (8310)										
HMX (8330)										
2,4,6-Trinitrotoluene (8330)										
EPH (C8-C11)	5.02	—	4.21	—	84	84	—	—	—	—

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicate findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 3/2/2008**VALIDATION FINDINGS WORKSHEET**
Sample Calculation VerificationPage: 1 of 1
Reviewer: BR
2nd Reviewer: SMMETHOD: GC HPLC

N N/A Were all reported results recalculated and verified for all level IV samples?
N N/A Were all recalculated results for detected target compounds within 10% of the reported results?

Concentration= $\frac{(A)(Fv)(Df)}{(RF)(Vs \text{ or } Ws)(\%S/100)}$

Example:

Sample ID: 1 Compound Name EFH C30-C40

A= Area or height of the compound to be measured
Fv= Final Volume of extract
Df= Dilution Factor
RF= Average response factor of the compound
In the initial calibration
Vs= Initial volume of the sample
Ws= Initial weight of the sample
%S= Percent Solid

$$\text{Concentration} = \frac{(9466353)(1000)}{(27047)(30.1)(0.958)(1000)}$$
$$= 12.11516907 \text{ mg/kg}$$

C30-C40 = 12

#	Sample ID	Compound	Reported Concentrations ()	Recalculated Results Concentrations ()	Qualifications

Comments: _____

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: Santa Susana Field Laboratory

Collection Date: November 25, 2013

LDC Report Date: February 6, 2014

Matrix: Soil

Parameters: Dioxins/Dibenzofurans

Validation Level: Level IV

Laboratory: Eurofins Lancaster Laboratories

Sample Delivery Group (SDG): PH134

Sample Identification

SL-584-SA5A-SB-0.0-0.5
SL-715-SA5A-SB-0.0-0.5
SL-715-SA5A-SB-6.0-7.0
SL-1015-SA5A-SB-0.0-0.5
SL-631-SA5A-SB-0.0-0.5
SL-715-SA5A-SB-0.0-0.5MS
SL-715-SA5A-SB-0.0-0.5MSD

Introduction

This data review covers 7 soil samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA Method 1613B for Polychlorinated Dioxins/Dibenzofurans.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and the USEPA Contract Laboratory Program National Functional Guidelines for Polychlorinated Dioxins/Dibenzofurans Data Review (September 2005).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. HRGC/HRMS Instrument Performance Check

Instrument performance was checked at the required daily frequency.

The chromatographic resolution between 2,3,7,8-TCDD and the peaks representing any other unlabeled TCDD isomers was resolved with a valley of less than or equal to 25%.

PFK and static resolving power were within validation criteria.

III. Initial Calibration

A five point initial calibration was performed as required by the method.

Percent relative standard deviations (%RSD) were less than or equal to 20.0% for unlabeled compounds and less than or equal to 35.0% for labeled compounds.

The ion abundance ratios for all PCDDs and PCDFs were within validation criteria.

The minimum S/N ratio was greater than or equal to 10 for each unlabeled compound and labeled compound.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

All of the continuing calibration percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were within QC limits.

The ion abundance ratios for all PCDDs and PCDFs were within validation criteria.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated dioxin/dibenzofuran contaminants were found in the method blanks with the following exceptions:

Method Blank ID	Extraction Date	Compound	Concentration	Associated Samples
BLK344003	12/10/13	1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.153 ng/Kg 0.0900 ng/Kg 0.0931 ng/Kg 0.0692 ng/Kg 0.132 ng/Kg 0.431 ng/Kg 0.126 ng/Kg 0.163 ng/Kg 0.101 ng/Kg 0.0928 ng/Kg 0.0920 ng/Kg 0.0980 ng/Kg 0.163 ng/Kg 0.0441 ng/Kg 0.239 ng/Kg	All samples in SDG PH134

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

Sample	Compound	Reported Concentration	Modified Final Concentration
SL-584-SA5A-SB-0.0-0.5	1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF	0.228 ng/Kg 0.309 ng/Kg 0.311 ng/Kg 0.266 ng/Kg	0.228U ng/Kg 0.309U ng/Kg 0.311U ng/Kg 0.266U ng/Kg
SL-715-SA5A-SB-0.0-0.5	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF	0.497 ng/Kg 0.580 ng/Kg	0.497U ng/Kg 0.580U ng/Kg
SL-715-SA5A-SB-6.0-7.0	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF	0.545 ng/Kg 0.616 ng/Kg	0.545U ng/Kg 0.616U ng/Kg
SL-1015-SA5A-SB-0.0-0.5	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF	0.439 ng/Kg 0.577 ng/Kg	0.439U ng/Kg 0.577U ng/Kg
SL-631-SA5A-SB-0.0-0.5	1,2,3,7,8-PeCDD 1,2,3,7,8,9-HxCDF	0.541 ng/Kg 0.481 ng/Kg	0.541U ng/Kg 0.481U ng/Kg

Sample EB2-112613 (from SDG PH135) was identified as an equipment blank. No polychlorinated dioxin/dibenzofuran contaminants were found with the following exceptions:

Blank ID	Sampling Date	Compound	Concentration	Associated Samples
EB2-112613	11/26/13	2,3,7,8-TCDD 1,2,3,7,8-PeCDD OCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,7,8,9-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.739 pg/L 0.622 pg/L 1.89 pg/L 0.506 pg/L 0.428 pg/L 0.434 pg/L 0.315 pg/L 0.285 pg/L 0.629 pg/L 0.549 pg/L 1.41 pg/L	All samples in SDG PH134

Sample FB-041613 (from SDG PH032) was identified as a field blank. No polychlorinated dioxin/dibenzofuran contaminants were found with the following exceptions:

Blank ID	Sampling Date	Compound	Concentration	Associated Samples
FB-041613	4/16/13	1,2,3,7,8-PeCDD 1,2,3,4,6,7,8-HpCDD OCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,7,8,9-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDF OCDF	0.434 pg/L 0.309 pg/L 0.838 pg/L 0.324 pg/L 0.429 pg/L 0.257 pg/L 0.241 pg/L 0.284 pg/L 0.314 pg/L 0.357 pg/L	All samples in SDG PH134

Sample concentrations were compared to concentrations detected in the field blanks. The sample concentrations were either not detected or were significantly greater (>5X for other contaminants) than the concentrations found in the associated field blanks.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
SL-715-SA5A-SB-0.0-0.5MS/MSD (SL-715-SA5A-SB-0.0-0.5)	1,2,3,4,6,7,8-HpCDD	-32 (40-135)	-	45 (≤20)	J (all detects) R (all non-detects)	A

VII. Ongoing Precision Recovery (OPR)

Ongoing precision recovery samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

VIII. Regional Quality Assurance and Quality Control

Not applicable.

IX. Internal Standards

All internal and recovery standard recoveries were within QC limits.

X. Target Compound Identifications

All target compound identifications were within validation criteria.

XI. Compound Quantitation

All compound quantitations were within validation criteria with the following exceptions:

Sample	Compound	Finding	Criteria	Flag	A or P
SL-715-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-6.0-7.0 SL-1015-SA5A-SB-0.0-0.5	OCDD	Sample result exceeded calibration range.	Reported result should be within calibration range.	J (all detects)	P

The 2,3,7,8-TCDF confirmation was performed with the following exceptions:

Sample	Compound	Finding	Criteria	Flag	A or P
All samples in SDG PH134	2,3,7,8-TCDF	2nd column confirmation was not performed for this compound.	2,3,7,8-TCDF must be confirmed on the 2nd column per the method.	None	P

All compounds reported below the RL were qualified as follows:

Sample	Finding	Flag	A or P
All samples in SDG PH134	All compounds reported below the RL.	J (all detects)	A

XII. System Performance

The system performance was acceptable.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

Samples SL-715-SA5A-SB-0.0-0.5 and SL-1015-SA5A-SB-0.0-0.5 were identified as field duplicates. No polychlorinated dioxins/dibenzofurans were detected in any of the samples with the following exceptions:

Compound	Concentration (pg/g)		RPD (Limits)	Flag	A or P
	SL-715-SA5A-SB-0.0-0.5	SL-1015-SA5A-SB-0.0-0.5			
2,3,7,8-TCDD	0.301	0.262	14 (≤50)	-	-
1,2,3,7,8-PeCDD	0.914	1.02	11 (≤50)	-	-
1,2,3,4,7,8-HxCDD	1.46	1.75	18 (≤50)	-	-
1,2,3,6,7,8-HxCDD	8.18	17.0	70 (≤50)	J (all detects)	A
1,2,3,7,8,9-HxCDD	3.15	4.12	27 (≤50)	-	-
1,2,3,4,6,7,8-HpCDD	273	547	67 (≤50)	J (all detects)	A
OCDD	10200	29900	98 (≤50)	J (all detects)	A
2,3,7,8-TCDF	0.314	0.231	30 (≤50)	-	-
1,2,3,7,8-PeCDF	0.497	0.439	12 (≤50)	-	-
2,3,4,7,8-PeCDF	0.580	0.577	1 (≤50)	-	-
1,2,3,4,7,8-HxCDF	1.55	2.88	60 (≤50)	J (all detects)	A
1,2,3,6,7,8-HxCDF	1.42	2.82	66 (≤50)	J (all detects)	A
2,3,4,6,7,8-HxCDF	1.98	4.00	68 (≤50)	J (all detects)	A
1,2,3,7,8,9-HxCDF	0.585	0.951	48 (≤50)	-	-
1,2,3,4,6,7,8-HpCDF	35.5	99.9	95 (≤50)	J (all detects)	A
1,2,3,4,7,8,9-HpCDF	4.62	13.1	96 (≤50)	J (all detects)	A
OCDF	91.9	245	91 (≤50)	J (all detects)	A

Santa Susana Field Laboratory
Dioxins/Dibenzofurans - Data Qualification Summary - SDG PH134

SDG	Sample	Compound	Flag	A or P	Reason (Code)
PH134	SL-715-SA5A-SB-0.0-0.5	1,2,3,4,6,7,8-HpCDD	J (all detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R)(RPD) (Q)
PH134	SL-715-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-6.0-7.0 SL-1015-SA5A-SB-0.0-0.5	OCDD	J (all detects)	P	Compound quantitation (exceeded range) (*XI)
PH134	SL-584-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-6.0-7.0 SL-1015-SA5A-SB-0.0-0.5 SL-631-SA5A-SB-0.0-0.5	2,3,7,8-TCDF	None	P	Compound quantitation (2nd column confirmation) (Z)
PH134	SL-584-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-6.0-7.0 SL-1015-SA5A-SB-0.0-0.5 SL-631-SA5A-SB-0.0-0.5	All compounds reported below the RL.	J (all detects)	A	Compound quantitation (Z)
PH134	SL-715-SA5A-SB-0.0-0.5 SL-1015-SA5A-SB-0.0-0.5	1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A	Field duplicates (RPD) (FD)

Santa Susana Field Laboratory
Dioxins/Dibenzofurans - Laboratory Blank Data Qualification Summary - SDG PH134

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
PH134	SL-584-SA5A-SB-0.0-0.5	1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF	0.228U ng/Kg 0.309U ng/Kg 0.311U ng/Kg 0.266U ng/Kg	A	B
PH134	SL-715-SA5A-SB-0.0-0.5	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF	0.497U ng/Kg 0.580U ng/Kg	A	B
PH134	SL-715-SA5A-SB-6.0-7.0	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF	0.545U ng/Kg 0.616U ng/Kg	A	B
PH134	SL-1015-SA5A-SB-0.0-0.5	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF	0.439U ng/Kg 0.577U ng/Kg	A	B

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
PH134	SL-631-SA5A-SB-0.0-0.5	1,2,3,7,8-PeCDD 1,2,3,7,8,9-HxCDF	0.541U ng/Kg 0.481U ng/Kg	A	B

Santa Susana Field Laboratory

Dioxins/Dibenzofurans - Field Blank Data Qualification Summary - SDG PH134

No Sample Data Qualified in this SDG

METHOD: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 11/25/13
II.	HRGC/HRMS Instrument performance check	A	
III.	Initial calibration	A	≤ 20/35
IV.	Continuing Calibration	A	QC limits
V.	Blanks	SW	
VI.	Matrix spike/Matrix spike duplicates	SW	
VII.	Laboratory control samples	A	OPR
VIII.	Regional quality assurance and quality control	N	
IX.	Internal standards	A	
X.	Target compound identifications	A	
XI.	Compound quantitation/RL/LOQ/LODs	SW	
XII.	System performance	A	
XIII.	Overall assessment of data	A	
XIV.	Field duplicates	SW	D = 2+4
XV.	Field blanks	SW	EB = EB2-112613 (PH135)

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples: *soil*

1	SL-584-SA5A-SB-0.0-0.5	11		21		31	
2	SL-715-SA5A-SB-0.0-0.5	12		22		32	
3	SL-715-SA5A-SB-6.0-7.0	13		23		33	
4	SL-1015-SA5A-SB-0.0-0.5	14		24		34	
5	SL-631-SA5A-SB-0.0-0.5	15		25		35	
6	SL-715-SA5A-SB-0.0-0.5MS	16		26		36	
7	SL-715-SA5A-SB-0.0-0.5MSD	17		27		37	
8		18		28		38	
9		19		29		39	
10		20	BLK 344003	30		40	

Notes: _____

Method: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	/			
Cooler temperature criteria was met.	/			
II. GC/MS Instrument performance check				
Was PFK exact mass 380.9760 verified?	/			
Were the retention time windows established for all homologues?	/			
Was the chromatographic resolution between 2,3,7,8-TCDD and peaks representing any other unlabeled TCDD isomers $\leq 25\%$?	/			
Is the static resolving power at least 10,000 (10% valley definition)?	/			
Was the mass resolution adequately check with PFK?	/			
Was the presence of 1,2,8,9-TCDD and 1,3,4,6,8-PeCDF verified?	/			
III. Initial calibration				
Was the initial calibration performed at 5 concentration levels?	/			
Were all percent relative standard deviations (%RSD) $\leq 20\%$ for unlabeled compounds and $\leq 35\%$ for labeled compounds?	/			
Did all calibration standards meet the Ion Abundance Ratio criteria?	/			
Was the signal to noise ratio for each target compound ≥ 2.5 and for each recovery and internal standard > 10 ?	/			
IV. Continuing calibration				
Was a routine calibration performed at the beginning and end of each 12 hour period?	/			
Were all the concentrations for the unlabeled compounds and labeled compounds within the QC limits (Method 1613B, Table 6)?	/			
Did all routine calibration standards meet the Ion Abundance Ratio criteria?	/			
V. Blanks				
Was a method blank associated with every sample in this SDG?	/			
Was a method blank performed for each matrix and concentration?			/	
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet?	/			
VI. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.	/			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		/		
VII. Laboratory control samples				
Was an LCS analyzed for this SDG?	/			
Was an LCS analyzed per extraction batch?			/	
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	/			

Validation Area	Yes	No	NA	Findings/Comments
VIII. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?			/	
Were the performance evaluation (PE) samples within the acceptance limits?			/	
IX. Internal standards				
Were internal standard recoveries within the 25-150% criteria?	/			
Was the minimum S/N ratio of all internal standard peaks ≥ 10 ?	/			
X. Target compound identification				
For 2,3,7,8 substituted congeners with associated labeled standards, were the retention times of the two quantitation peaks within -1 to 3 sec. of the RT of the labeled standard?	/			
For 2,3,7,8 substituted congeners without associated labeled standards, were the relative retention times of the two quantitation peaks within 0.005 time units of the RRT measured in the routine calibration?	/			
For non-2,3,7,8 substituted congeners, were the retention times of the two quantitation peaks within RT established in the performance check solution?			/	
Did compound spectra contain all characteristic ions listed in the table attached?	/			
Was the Ion Abundance Ratio for the two quantitation ions within criteria?		/		
Was the signal to noise ratio for each target compound and labeled standard ≥ 2.5 ?	/			
Does the maximum intensity of each specified characteristic ion coincide within ± 2 seconds (includes labeled standards)?	/			
For PCDF identification, was any signal ($S/N \geq 2.5$, at $\pm$ seconds RT) detected in the corresponding PCDF channel?		/		
Was an acceptable lock mass recorded and monitored?	/			
XI. Compound quantitation/CRQLs				
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?	/			
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	/			
XII. System performance				
System performance was found to be acceptable.	/			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	/			
XIV. Field duplicates				
Field duplicate pairs were identified in this SDG.	/			
Target compounds were detected in the field duplicates.	/			
XV. Field blanks				
Field blanks were identified in this SDG.	/			
Target compounds were detected in the field blanks.	/			

VALIDATION FINDINGS WORKSHEET

METHOD: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

A. 2,3,7,8-TCDD	F. 1,2,3,4,6,7,8-HpCDD	K. 1,2,3,4,7,8-HxCDF	P. 1,2,3,4,7,8,9-HpCDF	U. Total HpCDD
B. 1,2,3,7,8-PeCDD	G. OCDD	L. 1,2,3,6,7,8-HxCDF	Q. OCDF	V. Total TCDF
C. 1,2,3,4,7,8-HxCDD	H. 2,3,7,8-TCDF	M. 2,3,4,6,7,8-HxCDF	R. Total TCDD	W. Total PeCDF
D. 1,2,3,6,7,8-HxCDD	I. 1,2,3,7,8-PeCDF	N. 1,2,3,7,8,9-HxCDF	S. Total PeCDD	X. Total HxCDF
E. 1,2,3,7,8,9-HxCDD	J. 2,3,4,7,8-PeCDF	O. 1,2,3,4,6,7,8-HpCDF	T. Total HxCDD	Y. Total HpCDF

Notes: _____

VALIDATION FINDINGS WORKSHEET Blanks

METHOD: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

☒ Y ☐ N ☐ N/A

Were all samples associated with a method blank?

☐ Y ☐ N ☒ N/A

Was a method blank performed for each matrix and whenever a sample extraction was performed?

☒ Y ☐ N ☐ N/A

Was the method blank contaminated?

Blank extraction date: 12/10/13 Blank analysis date: 12/12/13 Associated samples: All Qual U (B)

Conc. units: ng/kg

Compound	Blank ID	Sample Identification							
	BLK344003	5x	1	2	3	4	5		
B	0.153*	0.765	0.228*				0.541*		
C	0.0900*	0.450	0.309*						
D	0.0931	0.466							
E	0.0692*	0.346							
F	0.132*	0.660							
G	0.431*	2.16							
I	0.126	0.630	0.311	0.497	0.545	0.439			
J	0.163*	0.815	0.266	0.580	0.616	0.577*			
K	0.101	0.505							
L	0.0928*	0.464							
M	0.0920*	0.460							
N	0.0980*	0.490					0.481		
O	0.163	0.815							
P	0.0441	0.221							
Q	0.239*	1.20							

*EMPC

VALIDATION FINDINGS WORKSHEET
Field Blanks

METHOD: HRGC/HRMS Dioxins (EPA Method 1613B)

Blank units: pg/L Associated sample units: ng/kg

Sampling date: 11/26/13

Field blank type: (circle one) Field Blank / Rinsate / Other: EB Associated Samples: All >5x

Compound	Blank ID	Sample Identification								
	EB2-112613	5X								
A	0.739*	0.00370								
B	0.622	0.00311								
G	1.89	0.00945								
I	0.506	0.00253								
J	0.428*	0.00214								
K	0.434*	0.00217								
N	0.315*	0.00158								
M	0.285*	0.00143								
O	0.629*	0.00315								
P	0.549*	0.00275								
Q	1.41*	0.00705								

* EMPC

EB2-112613 (PH135)

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:
All contaminants within five times the blank concentration were qualified as not detected, "U".

V:\Field Blanks\31212D21_EB2-112613.wpd

VALIDATION FINDINGS WORKSHEET
Field Blanks

METHOD: HRGC/HRMS Dioxins (EPA Method 1613B)

Blank units: pg/L Associated sample units: ng/kg

Sampling date: 04/16/13

Field blank type: (circle one) Field Blank / Rinsate / Other: FB Associated Samples: All >5x

Compound	Blank ID	Sample Identification								
	FB-041613	5X								
B	0.434*	0.00217								
F	0.309*	0.00155								
G	0.838*	0.00419								
I	0.324	0.00162								
J	0.429*	0.00215								
K	0.257	0.00129								
N	0.241*	0.00121								
M	0.284*	0.00142								
O	0.314*	0.00157								
Q	0.357*	0.00179								

* EMPC

FB-041613 (PH032)

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:
All contaminants within five times the blank concentration were qualified as not detected, "U".

V:\Field Blanks\31212D21_FB-041613.wpd

VALIDATION FINDINGS WORKSHEET

Matrix Spike/Matrix Spike Duplicates

METHOD: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.

Y N (NTA) Was a MS/MSD analyzed every 20 samples of each matrix?

Y(N)N/A Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?

[illegible]

VALIDATION FINDINGS WORKSHEET
Compound Quantitation and Reported RLs**METHOD:** GC/MS Dioxins/Dibenzofurans (EPA Method 1613B)

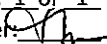
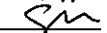
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

☒ Y ☐ N ☐ N/A
☒ Y ☐ N ☐ N/AWere the correct internal standard (IS), quantitation ions and relative response factors (RRF) used to quantitate the compound?
Compound quantitation and RLs were adjusted to reflect all sample dilutions and dry weight factors (if necessary).

#	Date	Compound	Finding	Associated Samples	Qualifications
		G	E exceeds upper calibration limit	2-4	Jdets/P *(XI)
		H	No 2,3,7,8-TCDF confirmation analysis	All	None/P

Comments: See sample calculation verification worksheet for recalculations

LDC: 31212D21

VALIDATION FINDINGS WORKSHEET
Field DuplicatesPage: 1 of 1
Reviewer: 
2nd Reviewer: 

Method: HRGC/HRMS D/Fs (EPA Method 1613B)

Analyte	Concentration (pg/g)		RPD (≤ 50%)	Qualification Parent Only
	2	4		
A	0.301	0.262	14	--
B	0.914	1.02	11	--
C	1.46	1.75	18	--
D	8.18	17.0	70	Jdets/A (FD)
E	3.15	4.12	27	--
F	273	547	67	Jdets/A (FD)
G	10200	29900	98	Jdets/A (FD)
H	0.314	0.231	30	--
I	0.497	0.439	12	--
J	0.580	0.577	1	--
K	1.55	2.88	60	Jdets/A (FD)
L	1.42	2.82	66	Jdets/A (FD)
M	1.98	4.00	68	Jdets/A (FD)
N	0.585	0.951	48	--
O	35.5	99.9	95	Jdets/A (FD)
P	4.62	13.1	96	Jdets/A (FD)
Q	91.9	245	91	Jdets/A (FD)

VALIDATION FINDINGS WORKSHEET **Initial Calibration Calculation Verification**

METHOD: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$$RRF = (A_x)(C_{is}) / (A_{is})(C_x)$$

average RRF = sum of the RRFs/number of standards

$$\%RSD = 100 * (S/X)$$

A_x = Area of compound,

C_x = Concentration of compound,

S = Standard deviation of the RRFs,

A_{is} = Area of associated internal standard

C_{is} = Concentration of internal standard

X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (Reference Internal Standard)	Reported	Recalculated	Reported	Recalculated	Reported	Recalculated
				Average RRF (initial)	Average RRF (initial)	RRF (CS3 std)	RRF (CS3 std)	%RSD	%RSD
1	ICAL	11-14-13	2,3,7,8-TCDF (¹³ C-2,3,7,8-TCDF)	0.996	0.996	0.928	0.928	6.11	6.11
			2,3,7,8-TCDD (¹³ C-2,3,7,8-TCDD)	1.163	1.163	1.058	1.058	12.37	12.38
	DF19780		1,2,3,6,7,8-HxCDD (¹³ C-1,2,3,6,7,8-HxCDD)	0.924	0.924	0.906	0.906	3.51	3.49
			1,2,3,4,6,7,8-HpCDD (¹³ C-1,2,4,6,7,8,-HpCDD)	1.023	1.023	0.987	0.987	1.93	1.96
			OCDF (¹³ C-OCDF)	0.927	0.927	0.917	0.917	5.16	5.18
2			2,3,7,8-TCDF (¹³ C-2,3,7,8-TCDF)						
			2,3,7,8-TCDD (¹³ C-2,3,7,8-TCDD)						
			1,2,3,6,7,8-HxCDD (¹³ C-1,2,3,6,7,8-HxCDD)						
			1,2,3,4,6,7,8-HpCDD (¹³ C-1,2,4,6,7,8,-HpCDD)						
			OCDF (¹³ C-OCDF)						
3			2,3,7,8-TCDF (¹³ C-2,3,7,8-TCDF)						
			2,3,7,8-TCDD (¹³ C-2,3,7,8-TCDD)						
			1,2,3,6,7,8-HxCDD (¹³ C-1,2,3,6,7,8-HxCDD)						
			1,2,3,4,6,7,8-HpCDD (¹³ C-1,2,4,6,7,8,-HpCDD)						
			OCDF (¹³ C-OCDF)						

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212221

VALIDATION FINDINGS WORKSHEET **Routine Calibration Results Verification**

Page: 1 of 1
 Reviewer: *gm*
 2nd Reviewer: *sm*

METHOD: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

$$\% \text{ Difference} = 100 * (\text{ave. RRF} - \text{RRF}) / \text{ave. RRF}$$

$$\text{RRF} = (A_x)(C_{is}) / (A_{is})(C_x)$$

Where: ave. RRF = initial calibration average RRF

RRF = continuing calibration RRF

A_x = Area of compound,

C_x = Concentration of compound,

A_{is} = Area of associated internal standard

C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference Internal Standard)	Spiked Conc (ng/mL)	Reported	Recalculated	Reported	Recalculated
					Conc (ng/mL)	Conc (ng/mL)	%R %D	%R %D
1	CS3CC03	12-12-13	2,3,7,8-TCDF (¹³ C-2,3,7,8-TCDF)	10	9.22	9.225	92	92
			2,3,7,8-TCDD (¹³ C-2,3,7,8-TCDD)	10	8.74	8.74	87	87
			1,2,3,6,7,8-HxCDD (¹³ C-1,2,3,6,7,8-HxCDD)	50	47.85	47.82	96	96
			1,2,3,4,6,7,8-HpCDD (¹³ C-1,2,4,6,7,8,-HpCDD)	50	46.45	46.42	93	93
			OCDF (¹³ C-OCDF)	100	100.08	100.06	100	100
2	CS3CC02	12-13-13	2,3,7,8-TCDF (¹³ C-2,3,7,8-TCDF)	10	9.04	9.04	90	90
			2,3,7,8-TCDD (¹³ C-2,3,7,8-TCDD)	10	8.45	8.45	85	85
			1,2,3,6,7,8-HxCDD (¹³ C-1,2,3,6,7,8-HxCDD)	50	47.94	47.92	96	96
			1,2,3,4,6,7,8-HpCDD (¹³ C-1,2,4,6,7,8,-HpCDD)	50	46.56	46.54	93	93
			OCDF (¹³ C-OCDF)	100	96.77	96.75	97	97
3			2,3,7,8-TCDF (¹³ C-2,3,7,8-TCDF)	10				
			2,3,7,8-TCDD (¹³ C-2,3,7,8-TCDD)	10				
			1,2,3,6,7,8-HxCDD (¹³ C-1,2,3,6,7,8-HxCDD)	50				
			1,2,3,4,6,7,8-HpCDD (¹³ C-1,2,4,6,7,8,-HpCDD)	50				
			OCDF (¹³ C-OCDF)	100				

Comments: Refer to Routine Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

VALIDATION FINDINGS WORKSHEET **Matrix Spike/Matrix Spike Duplicates Results Verification**

METHOD: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

$$\% \text{ Recovery} = 100 * (\text{SSR} - \text{SR}) / \text{SA}$$

Where: SSR = Spiked sample result, SR = Sample result
 SA = Spike added

$$\text{RPD} = | \text{MSR} - \text{MSDR} | * 2 / (\text{MSR} + \text{MSDR})$$

MSR = Matrix spike percent recovery MSDR = Matrix spike duplicate percent recovery

MS/MSD samples: 6/7

Compound	Spike Added (ng/Kg)		Sample Concentration (ng/Kg)	Spiked Sample Concentration (ng/Kg)		Matrix Spike		Matrix Spike Duplicate		Reported	Recalculated
						Percent Recovery		Percent Recovery		RPD	RPD
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.		
2,3,7,8-TCDD	19.9	20.0	0.301	17.6	17.6	87	87	87	87	0	0
1,2,3,7,8-PeCDD	99.3	99.8	0.914	92.4	94.2	92	92	93	93.5	2	2
1,2,3,4,7,8-HxCDD	99.3	99.8	1.46	98.0	98.3	97	97	97	97	0	0.3
1,2,3,4,7,8,9-HpCDF	99.3	99.8	4.62	103	105	99	99	100	100	2	2
OCDF	199	200	91.9	239	292	74	74	100	100	20	20

Comments: Refer to Matrix Spike/Matrix Spike Duplicate findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 312221

VALIDATION FINDINGS WORKSHEET

Laboratory Control Sample Results Verification

Page: 1 of 1
Reviewer: [Signature]
2nd Reviewer: [Signature]

METHOD: GC/MS Dioxins/Dibenzofurans (EPA Method 1613B)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratory control sample and laboratory control sample duplicate (if applicable) were recalculated for the compounds identified below using the following calculation:

$$\% \text{ Recovery} = 100 * \text{SSC}/\text{SA}$$

Where: SSC = Spiked sample concentration
SA = Spike added

$$RPD = |LCS - LCSD| * 2 / (LCS + LCSD)$$

LCS = Laboratory control sample percent recovery

LCSD = Laboratory control sample duplicate percent recovery

LCS ID: OPR 344003

[illegible]

Comments: Refer to Laboratory Control Sample findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

VALIDATION FINDINGS WORKSHEET

Sample Calculation Verification

METHOD: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

X	N	N/A
Y	N	N/A

Were all reported results recalculated and verified for all level IV samples?

Were all recalculated results for detected target compounds agree within 10.0% of the reported results?

$$\text{Concentration} = \frac{(A_x)(I_s)(DF)}{(A_s)(RRF)(V_o)(\%S)}$$

A_x = Area of the characteristic ion (EICP) for the compound to be measured

A_{is} = Area of the characteristic ion (EICP) for the specific internal standard

I_s = Amount of internal standard added in nanograms (ng)

V_o = Volume or weight of sample extract in milliliters (ml) or grams (g).

RRF = Relative Response Factor (average) from the initial calibration

Df = Dilution Factor.

%S = Percent solids, applicable to soil and solid matrices only.

Example:

Sample I.D. 1, 12:

$$\text{Conc.} = \frac{(286 + 784)(2000)(1)}{(370725 +)(1.024)(40.20)(958)} \\ 567819 \\ = 0.228 \text{ ng/kg}$$

[illegible]

**Laboratory Data Consultants, Inc.
Data Validation Report**

Project/Site Name: Santa Susana Field Laboratory
Collection Date: November 25, 2013
LDC Report Date: February 11, 2014
Matrix: Soil
Parameters: Formaldehyde
Validation Level: Level IV
Laboratory: Eurofins Lancaster Laboratories
Sample Delivery Group (SDG): PH134

Sample Identification

SL-715-SA5A-SB-0.0-0.5
SL-715-SA5A-SB-6.0-7.0
SL-1015-SA5A-SB-0.0-0.5
SL-715-SA5A-SB-0.0-0.5MS
SL-715-SA5A-SB-0.0-0.5MSD

Introduction

This data review covers 5 soil samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8315A for Formaldehyde.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Initial Calibration

Initial calibration of compounds was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

Retention time windows were evaluated and considered technically acceptable.

III. Calibration Verification

Calibration verification was performed at required frequencies. The percent differences (%D) of amounts in continuing standard mixtures were within the 20.0% QC limits.

Retention times (RT) of all compounds in the calibration standards were within QC limits.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No formaldehyde was found in the method blanks.

Sample EB2-112613 (from SDG PH135) was identified as an equipment blank. No formaldehyde was found.

Sample FB-041613 (from SDG PH032) was identified as a field blank. No formaldehyde was found.

V. Surrogate Recovery

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VII. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

VIII. Target Compound Identification

All target compound identifications were within validation criteria.

IX. Compound Quantitation

All compound quantitations were within validation criteria.

All compounds reported below the RL were qualified as follows:

Sample	Finding	Flag	A or P
All samples in SDG PH134	All compounds reported below the RL.	J (all detects)	A

X. System Performance

The system performance was acceptable.

XI. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XII. Field Duplicates

Samples SL-715-SA5A-SB-0.0-0.5 and SL-1015-SA5A-SB-0.0-0.5 were identified as field duplicates. No formaldehyde was detected in any of the samples.

Santa Susana Field Laboratory
Formaldehyde - Data Qualification Summary - SDG PH134

SDG	Sample	Compound	Flag	A or P	Reason
PH134	SL-715-SA5A-SB-0.0-0.5 SL-715-SA5A-SB-6.0-7.0 SL-1015-SA5A-SB-0.0-0.5	All compounds reported below the RL.	J (all detects)	A	Compound quantitation (Z)

Santa Susana Field Laboratory
Formaldehyde - Laboratory Blank Data Qualification Summary - SDG PH134

No Sample Data Qualified in this SDG

Santa Susana Field Laboratory
Formaldehyde - Field Blank Data Qualification Summary - SDG PH134

No Sample Data Qualified in this SDG

LDC #: 31212D71 **VALIDATION COMPLETENESS WORKSHEET**

SDG #: PH134

Level IV

Laboratory: Eurofins Lancaster Laboratories

Date: 2/5/14

Page: 1 of 1

Reviewer: BR

2nd Reviewer: sm

METHOD: HPLC Formaldehyde (EPA SW 846 Method 8315A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 11/25/13
II.	Initial calibration	A	RSD $\leq 20\%$
III.	Calibration verification/ test	A	CV $\leq 20\%$
IV.	Blanks	A	
V.	Surrogate recovery	A	
VI.	Matrix spike/Matrix spike duplicates	A	
VII.	Laboratory control samples	A	LCSTERR
VIII.	Target compound identification	A	
IX.	Compound quantitation/RL/LOQ/LODs	A	
X.	System Performance	A	
XI.	Overall assessment of data	A	
XII.	Field duplicates	ND	FD = 1 + 3
XIII.	Field blanks	ND	EB = EB2-112613 (SDG # PH135)

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples: Soil

1	SL-715-SA5A-SB-0.0-0.5	11		21		31	PBLK02336
2	SL-715-SA5A-SB-6.0-7.0	12		22		32	
3	SL-1015-SA5A-SB-0.0-0.5	13		23		33	
4	SL-715-SA5A-SB-0.0-0.5MS	14		24		34	
5	SL-715-SA5A-SB-0.0-0.5MSD	15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes: _____

Method: GC X HPLC

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	☒	☐	☐	
Cooler temperature criteria was met.	☒	☐	☐	
II. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	☒	☐	☐	
Was a linear fit used for evaluation? If yes, were all percent relative standard deviations (%RSD) $\leq 20\%$?	☒	☐	☐	
Was a curve fit used for evaluation? If Yes, what was the acceptance criteria used?	☐	☒	☐	
Did the initial calibration meet the curve fit acceptance criteria?	☐	☐	☒	
Were the RT windows properly established?	☒	☐	☐	
III. Continuing calibration				
What type of continuing calibration calculation was performed? <u>X</u> %D or <u> </u> %R	☒	☐	☐	
Was a continuing calibration analyzed daily?	☒	☐	☐	
Were all percent differences (%D) $\leq 20\%$ or percent recoveries 80-120%?	☒	☐	☐	
Were all the retention times within the acceptance windows?	☒	☐	☐	
IV. Blanks				
Was a method blank associated with every sample in this SDG?	☒	☐	☐	
Was a method blank analyzed for each matrix and concentration?	☒	☐	☐	
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.	☐	☒	☐	
V. Surrogate spikes				
Were all surrogate %R within the QC limits?	☒	☐	☐	
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?	☐	☐	☒	
If any %R was less than 10 percent, was a reanalysis performed to confirm %R?	☐	☐	☒	
VI. Matrix spike/Matrix spike/duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.	☒	☐	☐	
Was a MS/MSD analyzed every 20 samples of each matrix?	☒	☐	☐	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	☒	☐	☐	
VII. Laboratory control samples				
Was an LCS analyzed for this SDG?	☒	☐	☐	
Was an LCS analyzed per extraction batch?	☒	☐	☐	
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	☒	☐	☐	

Validation Area	Yes	No	NA	Findings/Comments
IX. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?		/		
Were the performance evaluation (PE) samples within the acceptance limits?			/	
X. Target compound identification				
Were the retention times of reported detects within the RT windows?	/			
XI. Compound quantitation/CRQLs				
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	/			
XII. System performance				
System performance was found to be acceptable.	/			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	/			
XIV. Field duplicates				
Field duplicate pairs were identified in this SDG.	/			
Target compounds were detected in the field duplicates.		/		
XV. Field blanks				
Field blanks were identified in this SDG.	/			
Target compounds were detected in the field blanks.		/		

LDC #: 31212D71

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page 1 of 1Reviewer: BR2nd Reviewer: hMETHOD: GC _____ HPLC X

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

$$CF = A/C$$

$$\text{average CF} = \text{sum of the CF/number of standards}$$

$$\%RSD = 100 * (S/X)$$

Where:

A = Area of compound

C = Concentration of compound

S = Standard deviation of calibration factors

X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (2000 std)	Recalculated CF (2000 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL 19886A supelcosil LC18	12/3/2013	Formaldehyde	53	53	54.9	54.9	11	11

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212D71

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Page: 1 of 1Reviewer: BR2nd Reviewer: Sm

METHOD: GC____HPLC__X__

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

$$\text{Percent difference (\%D)} = 100 * (N - C)/N$$

Where:

N = Initial Calibration Factor or Nominal Amount

C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	CCV Conc/CF	Reported Conc/CF	Recalculated Conc/CF	Reported % D	Recalculated %D
1		12/3/2013	Formaldehyde	See ICAL				
2	FORM4MT	12/3/2013 23:06	Formaldehyde	6018.00	5484.24	5483.26	9	9

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212071VALIDATION FINDINGS WORKSHEET
Surrogate Results VerificationPage: 1 of 1Reviewer: BR2nd reviewer: hMETHOD: GC ☒ HPLC

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate SpikedSample ID: 1

Surrogate	<u>Column</u> /Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Butyraldehyde	Supelcosil LC-18	15800	15854	100	100	0

Sample ID: _____

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	

Sample ID: _____

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	

LDC #: 3/212 071

VALIDATION FINDINGS WORKSHEET **Matrix Spike/Matrix Spike Duplicates Results Verification**

Page: 1 of 1Reviewer: BR2nd Reviewer: smMETHOD: ~~GC~~ HPLC

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

$$\% \text{Recovery} = 100 * (\text{SSC} - \text{SC}) / \text{SA}$$

Where

SSC = Spiked sample concentration

MS = Matrix spike

SC = Sample concentration

MSD = Matrix spike duplicate

$$\text{RPD} = (((\text{SSCMS} - \text{SSCMSD}) * 2) / (\text{SSCMS} + \text{SSCMSD})) * 100$$

SA = Spike added

MS/MSD samples: 4/5

Compound	Spike Added (<u>ug/kg</u>)		Sample Conc. (<u>ug/kg</u>)	Spike Sample Concentration (<u>ug/kg</u>)		Matrix spike Percent Recovery		Matrix Spike Duplicate Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Gasoline (8015)											
Diesel (8015)											
Benzene (8021B)											
Methane (RSK-175)											
2,4-D (8151)											
Dinoseb (8151)											
Naphthalene (8310)											
Anthracene (8310)											
HMX (8330)											
2,4,6-Trinitrotoluene (8330)											
Formaldehyde (8315)	100000	100000	0	93253.27	92234.23	93	93	92	92	1	1

Comments: Refer to Matrix Spike/Matrix Spike Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212071

VALIDATION FINDINGS WORKSHEET

Page: 1 of 1Laboratory Control Sample/Laboratory Control Sample Duplicates Results VerificationReviewer: BR2nd Reviewer: PCMETHOD: GC ☒ HPLC

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = $100 * (SSC - SC) / SA$

Where SSC = Spiked sample concentration

SC = Sample concentration

SA = Spike added

RPD = $((SSCLCS - SSCLCSD) * 2) / (SSCLCS + SSCLCSD) * 100$

LCS = Laboratory Control Sample

LCSD = Laboratory Control Sample duplicate

LCS/LCSD samples: LCS 02386

Compound	Spike Added (<u>ug/kg</u>)		Spike Sample Concentration (<u>ug/kg</u>)		LCS		LCSD		LCS/LCSD	
					Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Gasoline (8015)										
Diesel (8015)										
Benzene (8021B)										
Methane (RSK-175)										
2,4-D (8151)										
Dinoseb (8151)										
Naphthalene (8310)										
Anthracene (8310)										
HMX (8330)										
2,4,6-Trinitrotoluene (8330)										
<u>Formaldehyde (8315)</u>	<u>10 000</u>	<u>-</u>	<u>9429.79</u>	<u>-</u>	<u>94</u>	<u>94</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicate findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 3/2/207VALIDATION FINDINGS WORKSHEET
Sample Calculation VerificationPage: 1 of 1
Reviewer: BR
2nd Reviewer: SLMETHOD: GC ☒ HPLC☒ N N/A
☒ N N/A

Were all reported results recalculated and verified for all level IV samples?

Were all recalculated results for detected target compounds within 10% of the reported results?

Concentration= $\frac{(A)(F_v)(D_f)}{(RF)(V_s \text{ or } W_s)(\%S/100)}$

Example:

Sample ID: All Compound Name NDLCS 02376 : 9400 mg/kgFormaldehyde = 9429.79Concentration = $\frac{(258802)(200000)(0.1)}{(54.9)(10)(1000)}$ = 9428.123862 mg/kg

#	Sample ID	Compound	Reported Concentrations ()	Recalculated Results Concentrations ()	Qualifications

Comments: _____

Data Validation Report
Santa Susana Field Laboratory
Subarea 5A

SDG: PH135

Prepared for

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Prepared by

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February 19, 2014

INTRODUCTION

This Data Validation Report (DVR) presents Level IV data validation results for samples collected on November 26, 2013. Data validation was performed in accordance with the Quality Assurance Project Plan (QAPP) for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines (CLPNFGs) for Superfund Organic Methods Data Review (June 2008), Polychlorinated Dioxins/Dibenzofurans Data Review (September 2005) and for Inorganic Data Review (January 2010). Where specific guidance is not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Semivolatiles (SVOCs) by Environmental Protection Agency (EPA) SW 846 Method 8270D utilizing Selective Ion Monitoring (SIM)
Polychlorinated Biphenyls (PCBs) by EPA SW 846 Method 8082A
Metals by EPA SW 846 Method 6010C, 6020A and 7471B
Total Petroleum Hydrocarbons (TPH) as Gasoline by EPA SW 846 Method 8015M
TPH as Extractables by EPA SW 846 Method 8015M
Dioxins and Dibenzofurans by EPA Method 1613B
Formaldehyde by EPA Method 8315A
Terphenyls by EPA SW 846 Method 8015B

Wet Chemistry:

Hexavalent Chromium by EPA Method 7199

The sample identification and methods of analyses performed on each sample is presented in Attachment 1. Overall data qualification summary is presented in Attachment II. Level III Automated Data Review outliers are presented in Enclosure I. Level IV DVRs are presented in Enclosure II.

All sample results were subjected to Level IV data validation, which comprises an evaluation of quality control (QC) summary results for sample holding times, initial and continuing calibrations, initial and continuing calibration blanks (ICB/CCBs), surrogates, internal standards, interference check (ICSA and IC SAB) samples, matrix spike/matrix spike duplicates (MS/MSD), laboratory duplicates (DUP), laboratory control sample/laboratory control sample duplicates (LCS/LCSD), ICP serial dilutions, method blanks, trip blanks, equipment blanks, field blanks, and the raw data to confirm sample quantitation and identification.

Automated data review was performed on all QC summary results using the Automated Data Review (ADR) software program (LDC, 2013) with exception of the initial and continuing calibrations, ICB/CCBs, interference check samples, internal standards (except dioxins), and ICP serial dilutions, which were validated manually. Quality assurance (QA)/QC criteria specified in the QAPP and CLPNFGs were incorporated with the program's reference library to assess compliance with project requirements.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met QC criteria.

II. Initial Calibration

All criteria for the initial calibration of each method were met.

III. Continuing Calibration

All criteria for the initial calibration verifications and continuing calibration of each method were met with the exception of several SVOCs, PCBs and metals. The associated sample results were qualified as non-detected estimated (UJ). The details regarding the qualification of data are provided in Enclosure II.

IV. Blanks

Method blanks were performed at the required frequencies. No contaminant concentrations were detected in the method or preparation blanks with the exception of several blanks for SVOCs, metals and dioxins. The associated sample results were qualified as non-detected (U) due to method blank contamination as applicable. The sample results that were not detected or were significantly greater than the concentrations found in the associated blanks were not qualified. The details regarding the qualification of data are provided in Enclosures I and II.

No contaminant concentrations were detected in the initial or continuing calibration blanks with the exception of several metals. The associated sample results were not detected or were significantly greater than the concentrations found in the associated blanks, therefore no data were qualified. The details are provided in Enclosure II.

V. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits with the exception of one sample for TPH as extractables. The associated sample results were qualified as non-detected estimated (UJ). The details regarding the qualification of data are provided in Enclosures I and II.

VI. ICP Interference Check Sample (ICS) Analysis

The frequency of analysis was met.

The criteria for analysis were met.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were performed at the required frequency. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the exception of one MS/MSD pair for metals from SDG PH132. The associated sample results were qualified as detected estimated (J) or non-detected estimated (UJ) as applicable. The details regarding the qualification of data are provided in Enclosure II

VIII. Laboratory Duplicates Sample

Laboratory duplicates (DUP) sample analyses were reviewed for each matrix as applicable. Results were within QC limits.

IX. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the exception of one LCS/LCSD pairs for SVOCs. The associated sample results were qualified as detected estimated (J). The details regarding the qualification of data are provided in Enclosures I and II.

X. Internal Standards

All internal standard areas and retention times or percent recoveries were within QC limits.

XI. ICP Serial Dilution

ICP serial dilution analysis was performed by the laboratory. The analysis criteria were met.

XII. Compound Quantitation

The laboratory reporting limits were evaluated. All laboratory reporting limits met the specified requirements.

All compounds reported below the RL as detected were qualified as follows:

Sample	Finding	Flag	A or P
All samples in SDG PH135	All compounds reported as detected below the RL.	J (all detects)	A

XIII. Field Duplicate Samples

No field duplicates were identified in this SDG.

XIV. Field Blank Samples

One trip blank was collected and analyzed for TPH as gasoline. No volatile contaminants were found in the trip blank.

Two equipment blanks were collected and analyzed for SVOCs, PCBs, metals, TPH as gasoline, TPH as extractables, dioxins, formaldehyde, terphenyls and hexavalent chromium. The equipment blank had detections for SVOCs, metals and dioxins. The associated sample results were not detected or were significantly greater than the concentrations found in the equipment blanks, therefore no data were qualified. The details are presented in Enclosure II.

One field blank (from SDG PH032) was collected and analyzed for SVOCs, PCBs, metals, TPH as gasoline, TPH as extractables, dioxins, formaldehyde, terphenyls and hexavalent chromium. The field blank had detections for SVOCs, metals and dioxins. The associated sample results were qualified as non-detected (U) due to field blank contamination as applicable. The sample results that were not detected or were significantly greater than the concentrations found in the field blank were not qualified. The field blank outlier reports are presented in Enclosures I and II.

XV. Overall Assessment of Data

No data associated with this sampling event were rejected. The overall assessment of QA/QC data review by automated and manual validation of this sampling event met project requirements and analytical completeness levels with the exceptions noted in the above sections. All data are deemed useable for the intended use.

Data flags are summarized and are presented as Attachment 2.

Attachment 1
Sample Cross Reference

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
26-Nov-2013	TB-112613	7295439	TB	5030B	8015M	IV
26-Nov-2013	SL-713-SA5A-SB-0.0-0.5	7295434	N	3050B	6010C	IV
26-Nov-2013	SL-713-SA5A-SB-0.0-0.5	7295434	N	3050B	6020A	IV
26-Nov-2013	SL-713-SA5A-SB-0.0-0.5	7295434	N	3546	8015M	IV
26-Nov-2013	SL-713-SA5A-SB-0.0-0.5	7295434	N	3546	8082A	IV
26-Nov-2013	SL-713-SA5A-SB-0.0-0.5	7295434	N	3546	8270D SIM	IV
26-Nov-2013	SL-713-SA5A-SB-0.0-0.5	7295434	N	METHOD	1613B	IV
26-Nov-2013	SL-713-SA5A-SB-0.0-0.5	7295434	N	METHOD	7471B	IV
26-Nov-2013	SL-713-SA5A-SB-2.5-3.5	7295435	N	3050B	6010C	IV
26-Nov-2013	SL-713-SA5A-SB-2.5-3.5	7295435	N	3050B	6020A	IV
26-Nov-2013	SL-713-SA5A-SB-2.5-3.5	7295435	N	3546	8015M	IV
26-Nov-2013	SL-713-SA5A-SB-2.5-3.5	7295435	N	3546	8082A	IV
26-Nov-2013	SL-713-SA5A-SB-2.5-3.5	7295435	N	3546	8270D SIM	IV
26-Nov-2013	SL-713-SA5A-SB-2.5-3.5	7295435	N	5035A	8015M	IV
26-Nov-2013	SL-713-SA5A-SB-2.5-3.5	7295435	N	METHOD	1613B	IV
26-Nov-2013	SL-713-SA5A-SB-2.5-3.5	7295435	N	METHOD	7471B	IV
26-Nov-2013	SL-719-SA5A-SB-0.0-0.5	7295436	N	3050B	6010C	IV
26-Nov-2013	SL-719-SA5A-SB-0.0-0.5	7295436	N	3050B	6020A	IV
26-Nov-2013	SL-719-SA5A-SB-0.0-0.5	7295436	N	3546	8015M	IV
26-Nov-2013	SL-719-SA5A-SB-0.0-0.5	7295436	N	3546	8082A	IV
26-Nov-2013	SL-719-SA5A-SB-0.0-0.5	7295436	N	3546	8270D SIM	IV
26-Nov-2013	SL-719-SA5A-SB-0.0-0.5	7295436	N	3550B	8015B	IV
26-Nov-2013	SL-719-SA5A-SB-0.0-0.5	7295436	N	METHOD	1613B	IV
26-Nov-2013	SL-719-SA5A-SB-0.0-0.5	7295436	N	METHOD	7471B	IV
26-Nov-2013	SL-719-SA5A-SB-0.0-0.5MSD	P295436M321819A	MSD	3550B	8015B	IV
26-Nov-2013	SL-719-SA5A-SB-0.0-0.5MS	P295436R321757A	MS	3550B	8015B	IV

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
26-Nov-2013	SL-720-SA5A-SB-0.0-0.5	7295437	N	3050B	6010C	IV
26-Nov-2013	SL-720-SA5A-SB-0.0-0.5	7295437	N	3050B	6020A	IV
26-Nov-2013	SL-720-SA5A-SB-0.0-0.5	7295437	N	3546	8015M	IV
26-Nov-2013	SL-720-SA5A-SB-0.0-0.5	7295437	N	3546	8082A	IV
26-Nov-2013	SL-720-SA5A-SB-0.0-0.5	7295437	N	3546	8270D SIM	IV
26-Nov-2013	SL-720-SA5A-SB-0.0-0.5	7295437	N	3550B	8015B	IV
26-Nov-2013	SL-720-SA5A-SB-0.0-0.5	7295437	N	METHOD	1613B	IV
26-Nov-2013	SL-720-SA5A-SB-0.0-0.5	7295437	N	METHOD	7471B	IV
26-Nov-2013	SL-724-SA5A-SB-0.0-0.5	7295438	N	3050B	6010C	IV
26-Nov-2013	SL-724-SA5A-SB-0.0-0.5	7295438	N	3050B	6020A	IV
26-Nov-2013	SL-724-SA5A-SB-0.0-0.5	7295438	N	3546	8015M	IV
26-Nov-2013	SL-724-SA5A-SB-0.0-0.5	7295438	N	3546	8082A	IV
26-Nov-2013	SL-724-SA5A-SB-0.0-0.5	7295438	N	3546	8270D SIM	IV
26-Nov-2013	SL-724-SA5A-SB-0.0-0.5	7295438	N	METHOD	1613B	IV
26-Nov-2013	SL-724-SA5A-SB-0.0-0.5	7295438	N	METHOD	7471B	IV
26-Nov-2013	SL-738-SA5A-SB-0.0-0.5	7295440	N	3050B	6010C	IV
26-Nov-2013	SL-738-SA5A-SB-0.0-0.5	7295440	N	3050B	6020A	IV
26-Nov-2013	SL-738-SA5A-SB-0.0-0.5	7295440	N	3546	8015M	IV
26-Nov-2013	SL-738-SA5A-SB-0.0-0.5	7295440	N	3546	8082A	IV
26-Nov-2013	SL-738-SA5A-SB-0.0-0.5	7295440	N	3546	8270D SIM	IV
26-Nov-2013	SL-738-SA5A-SB-0.0-0.5	7295440	N	METHOD	1613B	IV
26-Nov-2013	SL-738-SA5A-SB-0.0-0.5	7295440	N	METHOD	7471B	IV
26-Nov-2013	SL-738-SA5A-SB-3.0-4.0	7295441	N	3050B	6010C	IV
26-Nov-2013	SL-738-SA5A-SB-3.0-4.0	7295441	N	3050B	6020A	IV
26-Nov-2013	SL-738-SA5A-SB-3.0-4.0	7295441	N	3546	8015M	IV
26-Nov-2013	SL-738-SA5A-SB-3.0-4.0	7295441	N	3546	8082A	IV

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
26-Nov-2013	SL-738-SA5A-SB-3.0-4.0	7295441	N	3546	8270D SIM	IV
26-Nov-2013	SL-738-SA5A-SB-3.0-4.0	7295441	N	5035A	8015M	IV
26-Nov-2013	SL-738-SA5A-SB-3.0-4.0	7295441	N	METHOD	1613B	IV
26-Nov-2013	SL-738-SA5A-SB-3.0-4.0	7295441	N	METHOD	7471B	IV
26-Nov-2013	SL-767-SA5A-SB-0.0-0.5	7295442	N	3050B	6010C	IV
26-Nov-2013	SL-767-SA5A-SB-0.0-0.5	7295442	N	3050B	6020A	IV
26-Nov-2013	SL-767-SA5A-SB-0.0-0.5	7295442	N	3546	8015M	IV
26-Nov-2013	SL-767-SA5A-SB-0.0-0.5	7295442	N	3546	8082A	IV
26-Nov-2013	SL-767-SA5A-SB-0.0-0.5	7295442	N	3546	8270D SIM	IV
26-Nov-2013	SL-767-SA5A-SB-0.0-0.5	7295442	N	METHOD	1613B	IV
26-Nov-2013	SL-767-SA5A-SB-0.0-0.5	7295442	N	METHOD	7471B	IV
26-Nov-2013	SL-767-SA5A-SB-2.5-3.5	7295443	N	3050B	6010C	IV
26-Nov-2013	SL-767-SA5A-SB-2.5-3.5	7295443	N	3050B	6020A	IV
26-Nov-2013	SL-767-SA5A-SB-2.5-3.5	7295443	N	3546	8015M	IV
26-Nov-2013	SL-767-SA5A-SB-2.5-3.5	7295443	N	3546	8082A	IV
26-Nov-2013	SL-767-SA5A-SB-2.5-3.5	7295443	N	3546	8270D SIM	IV
26-Nov-2013	SL-767-SA5A-SB-2.5-3.5	7295443	N	5035A	8015M	IV
26-Nov-2013	SL-767-SA5A-SB-2.5-3.5	7295443	N	METHOD	1613B	IV
26-Nov-2013	SL-767-SA5A-SB-2.5-3.5	7295443	N	METHOD	7471B	IV
26-Nov-2013	EB1-112613	7295444	EB	3005A	6010C	IV
26-Nov-2013	EB1-112613	7295444	EB	3510C	8015B	IV
26-Nov-2013	EB1-112613	7295444	EB	3510C	8015M	IV
26-Nov-2013	EB1-112613	7295444	EB	3510C	8082A	IV
26-Nov-2013	EB1-112613	7295444	EB	3510C	8270D SIM	IV
26-Nov-2013	EB1-112613	7295444	EB	5030B	8015M	IV
26-Nov-2013	EB1-112613	7295444	EB	M3010A	6020A	IV

III = EPA Level 3 Data Review
IV = EPA Level 4 Data Validation

N = Normal Sample
FD = Field Duplicate

TB = Trip Blank
FB = Field Blank

MS = Matrix Spike
MSD = Matrix Spike Duplicate

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
26-Nov-2013	EB1-112613	7295444	EB	METHOD	1613B	IV
26-Nov-2013	EB1-112613	7295444	EB	METHOD	7470A	IV
26-Nov-2013	EB2-112613	7295445	EB	3005A	6010C	IV
26-Nov-2013	EB2-112613	7295445	EB	3510C	8015M	IV
26-Nov-2013	EB2-112613	7295445	EB	3510C	8082A	IV
26-Nov-2013	EB2-112613	7295445	EB	3510C	8270D SIM	IV
26-Nov-2013	EB2-112613	7295445	EB	5030B	8015M	IV
26-Nov-2013	EB2-112613	7295445	EB	Gen Prep	7199	IV
26-Nov-2013	EB2-112613	7295445	EB	M3010A	6020A	IV
26-Nov-2013	EB2-112613	7295445	EB	METHOD	1613B	IV
26-Nov-2013	EB2-112613	7295445	EB	METHOD	7470A	IV
26-Nov-2013	EB2-112613	7295445	EB	METHOD	8315A	IV

Attachment 2
Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: METALS

Method: 6010C

Matrix: AQ

Sample ID: EB1-112613

Collected: 11/26/2013 2:30:00

Analysis Type: REA2

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ZINC	0.0032	J	0.0020	MDL	0.0400	PQL	mg/L	U	B

Sample ID: EB2-112613

Collected: 11/26/2013 3:00:00

Analysis Type: REA2

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
NICKEL	0.0018	J	0.0015	MDL	0.0200	PQL	mg/L	J	Z
POTASSIUM	0.109	J	0.0980	MDL	1.00	PQL	mg/L	J	Z
ZINC	0.0022	J	0.0020	MDL	0.0400	PQL	mg/L	U	B

Method Category: METALS

Method: 6010C

Matrix: SO

Sample ID: SL-713-SA5A-SB-0.0-0.5

Collected: 11/26/2013 8:45:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	4.00	U	0.740	MDL	4.00	PQL	mg/Kg	UJ	Q
BERYLLIUM	0.767	J	0.0670	MDL	1.00	PQL	mg/Kg	J	Z
BORON	3.61	J	0.840	MDL	10.0	PQL	mg/Kg	J	Z
CADMIUM	0.140	J	0.0760	MDL	1.00	PQL	mg/Kg	J	Z
MOLYBDENUM	1.26	J	0.170	MDL	2.00	PQL	mg/Kg	J	F
TIN	2.72	J	0.220	MDL	10.0	PQL	mg/Kg	U	B
Zirconium	1.38	J	0.840	MDL	5.00	PQL	mg/Kg	J	Z

Sample ID: SL-713-SA5A-SB-2.5-3.5

Collected: 11/26/2013 9:00:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	4.17	U	0.771	MDL	4.17	PQL	mg/Kg	UJ	Q
BERYLLIUM	0.814	J	0.0698	MDL	1.04	PQL	mg/Kg	J	Z
BORON	2.91	J	0.875	MDL	10.4	PQL	mg/Kg	J	Z
CADMIUM	0.174	J	0.0792	MDL	1.04	PQL	mg/Kg	J	Z
MOLYBDENUM	0.313	J	0.177	MDL	2.08	PQL	mg/Kg	J	F
TIN	3.33	J	0.229	MDL	10.4	PQL	mg/Kg	U	B
Zirconium	1.24	J	0.875	MDL	5.21	PQL	mg/Kg	J	Z

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 1 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: METALS

Method: 6010C

Matrix: SO

Sample ID: SL-719-SA5A-SB-0.0-0.5

Collected: 11/26/2013 9:40:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	4.09	U	0.757	MDL	4.09	PQL	mg/Kg	UJ	Q
ARSENIC	4.00	J	0.716	MDL	4.09	PQL	mg/Kg	J	Z
BERYLLIUM	0.369	J	0.0685	MDL	1.02	PQL	mg/Kg	J	Z
BORON	2.00	J	0.859	MDL	10.2	PQL	mg/Kg	J	Z
CADMIUM	0.241	J	0.0777	MDL	1.02	PQL	mg/Kg	J	Z
MOLYBDENUM	0.473	J	0.174	MDL	2.05	PQL	mg/Kg	U	F
TIN	2.54	J	0.225	MDL	10.2	PQL	mg/Kg	U	B

Sample ID: SL-720-SA5A-SB-0.0-0.5

Collected: 11/26/2013 10:10:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	4.05	U	0.749	MDL	4.05	PQL	mg/Kg	UJ	Q
ARSENIC	4.04	J	0.708	MDL	4.05	PQL	mg/Kg	J	Z
BERYLLIUM	0.432	J	0.0678	MDL	1.01	PQL	mg/Kg	J	Z
BORON	2.24	J	0.850	MDL	10.1	PQL	mg/Kg	J	Z
CADMIUM	0.197	J	0.0769	MDL	1.01	PQL	mg/Kg	J	Z
MOLYBDENUM	0.326	J	0.172	MDL	2.02	PQL	mg/Kg	U	F
SODIUM	71.8	J	16.9	MDL	101	PQL	mg/Kg	J	Z
TIN	2.58	J	0.223	MDL	10.1	PQL	mg/Kg	U	B

Sample ID: SL-724-SA5A-SB-0.0-0.5

Collected: 11/26/2013 10:40:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	4.00	U	0.740	MDL	4.00	PQL	mg/Kg	UJ	Q
BERYLLIUM	0.535	J	0.0670	MDL	1.00	PQL	mg/Kg	J	Z
BORON	2.78	J	0.840	MDL	10.0	PQL	mg/Kg	J	Z
CADMIUM	0.304	J	0.0760	MDL	1.00	PQL	mg/Kg	J	Z
MOLYBDENUM	0.326	J	0.170	MDL	2.00	PQL	mg/Kg	U	F
SODIUM	79.3	J	16.7	MDL	100	PQL	mg/Kg	J	Z
TIN	2.50	J	0.220	MDL	10.0	PQL	mg/Kg	U	B

Sample ID: SL-738-SA5A-SB-0.0-0.5

Collected: 11/26/2013 1:15:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	4.23	U	0.783	MDL	4.23	PQL	mg/Kg	UJ	Q

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 2 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: METALS

Method: 6010C

Matrix: SO

Sample ID: SL-738-SA5A-SB-0.0-0.5

Collected: 11/26/2013 1:15:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BORON	3.97	J	0.889	MDL	10.6	PQL	mg/Kg	J	Z
CADMIUM	0.201	J	0.0804	MDL	1.06	PQL	mg/Kg	J	Z
MOLYBDENUM	0.524	J	0.180	MDL	2.12	PQL	mg/Kg	U	F
SODIUM	90.9	J	17.7	MDL	106	PQL	mg/Kg	J	Z
TIN	3.01	J	0.233	MDL	10.6	PQL	mg/Kg	U	B
Zirconium	1.50	J	0.889	MDL	5.29	PQL	mg/Kg	J	Z

Sample ID: SL-738-SA5A-SB-3.0-4.0

Collected: 11/26/2013 1:20:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	4.30	U	0.795	MDL	4.30	PQL	mg/Kg	UJ	Q
BORON	3.41	J	0.902	MDL	10.7	PQL	mg/Kg	J	Z
CADMIUM	0.198	J	0.0816	MDL	1.07	PQL	mg/Kg	J	Z
MOLYBDENUM	0.557	J	0.183	MDL	2.15	PQL	mg/Kg	U	F
TIN	4.09	J	0.236	MDL	10.7	PQL	mg/Kg	U	B
Zirconium	1.70	J	0.902	MDL	5.37	PQL	mg/Kg	J	Z

Sample ID: SL-767-SA5A-SB-0.0-0.5

Collected: 11/26/2013 1:55:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	4.08	U	0.755	MDL	4.08	PQL	mg/Kg	UJ	Q
BERYLLIUM	0.590	J	0.0684	MDL	1.02	PQL	mg/Kg	J	Z
BORON	4.81	J	0.857	MDL	10.2	PQL	mg/Kg	J	Z
CADMIUM	0.373	J	0.0776	MDL	1.02	PQL	mg/Kg	J	Z
MOLYBDENUM	0.513	J	0.174	MDL	2.04	PQL	mg/Kg	U	F
SODIUM	78.9	J	17.0	MDL	102	PQL	mg/Kg	J	Z
TIN	2.85	J	0.225	MDL	10.2	PQL	mg/Kg	U	B
Zirconium	1.74	J	0.857	MDL	5.10	PQL	mg/Kg	J	Z

Sample ID: SL-767-SA5A-SB-2.5-3.5

Collected: 11/26/2013 2:05:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	4.09	U	0.757	MDL	4.09	PQL	mg/Kg	UJ	Q
BERYLLIUM	0.586	J	0.0685	MDL	1.02	PQL	mg/Kg	J	Z
BORON	4.26	J	0.859	MDL	10.2	PQL	mg/Kg	J	Z

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 3 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: METALS

Method: 6010C

Matrix: SO

Sample ID: SL-767-SA5A-SB-2.5-3.5

Collected: 11/26/2013 2:05:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
CADMIUM	0.328	J	0.0777	MDL	1.02	PQL	mg/Kg	J	Z
MOLYBDENUM	0.498	J	0.174	MDL	2.05	PQL	mg/Kg	U	F
SODIUM	77.4	J	17.1	MDL	102	PQL	mg/Kg	J	Z
TIN	2.97	J	0.225	MDL	10.2	PQL	mg/Kg	U	B
Zirconium	1.66	J	0.859	MDL	5.11	PQL	mg/Kg	J	Z

Method Category: METALS

Method: 6020A

Matrix: SO

Sample ID: SL-713-SA5A-SB-0.0-0.5

Collected: 11/26/2013 8:45:00

Analysis Type: REA

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SILVER	0.0444	J	0.0260	MDL	0.200	PQL	mg/Kg	J	Z

Sample ID: SL-713-SA5A-SB-0.0-0.5

Collected: 11/26/2013 8:45:00

Analysis Type: RES

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
STRONTIUM	17.8		0.0680	MDL	0.400	PQL	mg/Kg	J	Q

Sample ID: SL-713-SA5A-SB-2.5-3.5

Collected: 11/26/2013 9:00:00

Analysis Type: REA2

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SELENIUM	0.105	J	0.104	MDL	0.417	PQL	mg/Kg	J	Z

Sample ID: SL-713-SA5A-SB-2.5-3.5

Collected: 11/26/2013 9:00:00

Analysis Type: RES

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
STRONTIUM	23.1		0.0709	MDL	0.417	PQL	mg/Kg	J	Q

Sample ID: SL-719-SA5A-SB-0.0-0.5

Collected: 11/26/2013 9:40:00

Analysis Type: REA

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SILVER	0.163	J	0.0266	MDL	0.205	PQL	mg/Kg	J	Z

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 4 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: METALS

Method: 6020A

Matrix: SO

Sample ID: SL-719-SA5A-SB-0.0-0.5

Collected: 11/26/2013 9:40:00

Analysis Type: RES

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
STRONTIUM	11.8		0.0696	MDL	0.409	PQL	mg/Kg	J	Q

Sample ID: SL-720-SA5A-SB-0.0-0.5

Collected: 11/26/2013 10:10:00

Analysis Type: REA2

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SELENIUM	0.123	J	0.101	MDL	0.405	PQL	mg/Kg	J	Z

Sample ID: SL-720-SA5A-SB-0.0-0.5

Collected: 11/26/2013 10:10:00

Analysis Type: RES

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
STRONTIUM	13.4		0.0688	MDL	0.405	PQL	mg/Kg	J	Q

Sample ID: SL-724-SA5A-SB-0.0-0.5

Collected: 11/26/2013 10:40:00

Analysis Type: REA2

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SELENIUM	0.136	J	0.100	MDL	0.400	PQL	mg/Kg	J	Z

Sample ID: SL-724-SA5A-SB-0.0-0.5

Collected: 11/26/2013 10:40:00

Analysis Type: RES

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
STRONTIUM	13.6		0.0680	MDL	0.400	PQL	mg/Kg	J	Q

Sample ID: SL-738-SA5A-SB-0.0-0.5

Collected: 11/26/2013 1:15:00

Analysis Type: REA

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SILVER	0.0840	J	0.0275	MDL	0.212	PQL	mg/Kg	J	Z

Sample ID: SL-738-SA5A-SB-0.0-0.5

Collected: 11/26/2013 1:15:00

Analysis Type: REA2

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SELENIUM	0.294	J	0.106	MDL	0.423	PQL	mg/Kg	J	Z

Sample ID: SL-738-SA5A-SB-0.0-0.5

Collected: 11/26/2013 1:15:00

Analysis Type: RES

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
STRONTIUM	24.4		0.0720	MDL	0.423	PQL	mg/Kg	J	Q

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 5 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: METALS

Method: 6020A

Matrix: SO

Sample ID: SL-738-SA5A-SB-3.0-4.0

Collected: 11/26/2013 1:20:00

Analysis Type: REA2

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SELENIUM	0.257	J	0.107	MDL	0.430	PQL	mg/Kg	J	Z

Sample ID: SL-738-SA5A-SB-3.0-4.0

Collected: 11/26/2013 1:20:00

Analysis Type: RES

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
STRONTIUM	35.2		0.0730	MDL	0.430	PQL	mg/Kg	J	Q

Sample ID: SL-767-SA5A-SB-0.0-0.5

Collected: 11/26/2013 1:55:00

Analysis Type: REA

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SILVER	0.110	J	0.0265	MDL	0.204	PQL	mg/Kg	J	Z

Sample ID: SL-767-SA5A-SB-0.0-0.5

Collected: 11/26/2013 1:55:00

Analysis Type: REA2

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SELENIUM	0.129	J	0.102	MDL	0.408	PQL	mg/Kg	J	Z

Sample ID: SL-767-SA5A-SB-0.0-0.5

Collected: 11/26/2013 1:55:00

Analysis Type: RES

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
STRONTIUM	19.1		0.0694	MDL	0.408	PQL	mg/Kg	J	Q

Sample ID: SL-767-SA5A-SB-2.5-3.5

Collected: 11/26/2013 2:05:00

Analysis Type: REA

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SILVER	0.0456	J	0.0266	MDL	0.205	PQL	mg/Kg	J	Z

Sample ID: SL-767-SA5A-SB-2.5-3.5

Collected: 11/26/2013 2:05:00

Analysis Type: REA2

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SELENIUM	0.109	J	0.102	MDL	0.409	PQL	mg/Kg	J	Z

Sample ID: SL-767-SA5A-SB-2.5-3.5

Collected: 11/26/2013 2:05:00

Analysis Type: RES

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
STRONTIUM	19.5		0.0696	MDL	0.409	PQL	mg/Kg	J	Q

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 6 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: METALS

Method: 6020A

Matrix: SO

Method Category: METALS

Method: 7471B

Matrix: SO

Sample ID: SL-713-SA5A-SB-0.0-0.5

Collected: 11/26/2013 8:45:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
MERCURY	0.0159	J	0.0098	MDL	0.0163	PQL	mg/Kg	J	Z

Sample ID: SL-713-SA5A-SB-2.5-3.5

Collected: 11/26/2013 9:00:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
MERCURY	0.0134	J	0.010	MDL	0.0166	PQL	mg/Kg	J	Z

Sample ID: SL-724-SA5A-SB-0.0-0.5

Collected: 11/26/2013 10:40:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
MERCURY	0.0110	J	0.0097	MDL	0.0161	PQL	mg/Kg	J	Z

Sample ID: SL-767-SA5A-SB-0.0-0.5

Collected: 11/26/2013 1:55:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
MERCURY	0.0104	J	0.0102	MDL	0.0170	PQL	mg/Kg	J	Z

Sample ID: SL-767-SA5A-SB-2.5-3.5

Collected: 11/26/2013 2:05:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
MERCURY	0.0111	J	0.0099	MDL	0.0166	PQL	mg/Kg	J	Z

Method Category: SVOA

Method: 1613B

Matrix: AQ

Sample ID: EB1-112613

Collected: 11/26/2013 2:30:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,6,7,8-HPCDF	0.372	JB	0.108	MDL	11.1	PQL	pg/L	U	B
1,2,3,4,7,8,9-HPCDF	0.360	JBQ	0.144	MDL	11.1	PQL	pg/L	U	B
1,2,3,4,7,8-HXCDF	0.372	JBQ	0.190	MDL	11.1	PQL	pg/L	U	B
1,2,3,6,7,8-HXCDF	0.311	JBQ	0.195	MDL	11.1	PQL	pg/L	U	B

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 7 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: SVOA

Method: 1613B

Matrix: AQ

Sample ID: EB1-112613

Collected: 11/26/2013 2:30:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,7,8,9-HXCDF	0.426	JBQ	0.218	MDL	11.1	PQL	pg/L	U	B
1,2,3,7,8-PECDD	0.438	JQ	0.358	MDL	11.1	PQL	pg/L	J	Z
1,2,3,7,8-PECDF	0.571	JBQ	0.237	MDL	11.1	PQL	pg/L	U	B
2,3,4,6,7,8-HXCDF	0.477	JBQ	0.181	MDL	11.1	PQL	pg/L	U	B
2,3,4,7,8-PECDF	0.431	JBQ	0.209	MDL	11.1	PQL	pg/L	U	B
2,3,7,8-TCDD	0.702	JQ	0.502	MDL	2.23	PQL	pg/L	J	Z
OCDD	1.12	JB	0.396	MDL	22.3	PQL	pg/L	U	B
OCDF	1.42	JBQ	0.526	MDL	22.3	PQL	pg/L	U	B

Sample ID: EB2-112613

Collected: 11/26/2013 3:00:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,6,7,8-HPCDF	0.629	JBQ	0.155	MDL	10.6	PQL	pg/L	U	B
1,2,3,4,7,8,9-HPCDF	0.549	JBQ	0.213	MDL	10.6	PQL	pg/L	U	B
1,2,3,4,7,8-HXCDF	0.434	JBQ	0.223	MDL	10.6	PQL	pg/L	U	B
1,2,3,7,8,9-HXCDF	0.315	JBQ	0.277	MDL	10.6	PQL	pg/L	U	B
1,2,3,7,8-PECDD	0.622	J	0.519	MDL	10.6	PQL	pg/L	J	Z
1,2,3,7,8-PECDF	0.506	JB	0.274	MDL	10.6	PQL	pg/L	U	B
2,3,4,6,7,8-HXCDF	0.285	JBQ	0.236	MDL	10.6	PQL	pg/L	U	B
2,3,4,7,8-PECDF	0.428	JBQ	0.248	MDL	10.6	PQL	pg/L	U	B
2,3,7,8-TCDD	0.739	JQ	0.524	MDL	2.12	PQL	pg/L	J	Z
OCDD	1.89	JB	0.505	MDL	21.2	PQL	pg/L	U	B
OCDF	1.41	JBQ	0.674	MDL	21.2	PQL	pg/L	U	B

Method Category: SVOA

Method: 1613B

Matrix: SO

Sample ID: SL-713-SA5A-SB-0.0-0.5

Collected: 11/26/2013 8:45:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,6,7,8-HPCDD	0.643	JB	0.0350	MDL	5.17	PQL	ng/Kg	J	Z
1,2,3,4,6,7,8-HPCDF	0.147	JB	0.0144	MDL	5.17	PQL	ng/Kg	U	B
1,2,3,4,7,8,9-HPCDF	0.0607	JBQ	0.0193	MDL	5.17	PQL	ng/Kg	U	B
1,2,3,4,7,8-HxCDD	0.0412	JBQ	0.0260	MDL	5.17	PQL	ng/Kg	U	B

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 8 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: SVOA

Method: 1613B

Matrix: SO

Sample ID: SL-713-SA5A-SB-0.0-0.5

Collected: 11/26/2013 8:45:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,7,8-HXCDF	0.0466	JB	0.0236	MDL	5.17	PQL	ng/Kg	U	B
1,2,3,6,7,8-HXCDD	0.0690	JB	0.0279	MDL	5.17	PQL	ng/Kg	U	B
1,2,3,6,7,8-HXCDF	0.0731	JB	0.0238	MDL	5.17	PQL	ng/Kg	U	B
1,2,3,7,8,9-HXCDD	0.106	JBQ	0.0259	MDL	5.17	PQL	ng/Kg	U	B
1,2,3,7,8,9-HXCDF	0.0594	JB	0.0276	MDL	5.17	PQL	ng/Kg	U	B
1,2,3,7,8-PECDD	0.116	JQ	0.0385	MDL	5.17	PQL	ng/Kg	J	Z
1,2,3,7,8-PECDF	0.0721	JQ	0.0216	MDL	5.17	PQL	ng/Kg	J	Z
2,3,4,6,7,8-HXCDF	0.0564	JBQ	0.0237	MDL	5.17	PQL	ng/Kg	U	B
2,3,4,7,8-PECDF	0.0527	JBQ	0.0214	MDL	5.17	PQL	ng/Kg	U	B
OCDD	8.08	JB	0.0229	MDL	10.3	PQL	ng/Kg	J	Z
OCDF	0.361	JBQ	0.0470	MDL	10.3	PQL	ng/Kg	U	B

Sample ID: SL-713-SA5A-SB-2.5-3.5

Collected: 11/26/2013 9:00:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,6,7,8-HPCDD	0.0616	JBQ	0.0260	MDL	5.20	PQL	ng/Kg	U	B
1,2,3,4,6,7,8-HPCDF	0.0214	JBQ	0.00947	MDL	5.20	PQL	ng/Kg	U	B
1,2,3,4,7,8,9-HPCDF	0.0191	JBQ	0.0133	MDL	5.20	PQL	ng/Kg	U	B
1,2,3,6,7,8-HXCDD	0.0457	JBQ	0.0246	MDL	5.20	PQL	ng/Kg	U	B
1,2,3,6,7,8-HXCDF	0.0263	JBQ	0.0199	MDL	5.20	PQL	ng/Kg	U	B
1,2,3,7,8,9-HXCDD	0.0416	JBQ	0.0223	MDL	5.20	PQL	ng/Kg	U	B
1,2,3,7,8,9-HXCDF	0.0434	JBQ	0.0239	MDL	5.20	PQL	ng/Kg	U	B
1,2,3,7,8-PECDD	0.0338	JQ	0.0277	MDL	5.20	PQL	ng/Kg	J	Z
1,2,3,7,8-PECDF	0.0540	JQ	0.0186	MDL	5.20	PQL	ng/Kg	J	Z
2,3,4,6,7,8-HXCDF	0.0221	JBQ	0.0207	MDL	5.20	PQL	ng/Kg	U	B
2,3,7,8-TCDD	0.0776	JQ	0.0576	MDL	1.04	PQL	ng/Kg	J	Z
OCDD	0.332	JB	0.0207	MDL	10.4	PQL	ng/Kg	U	B
OCDF	0.111	JBQ	0.0364	MDL	10.4	PQL	ng/Kg	U	B

Sample ID: SL-719-SA5A-SB-0.0-0.5

Collected: 11/26/2013 9:40:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,6,7,8-HPCDF	1.91	JB	0.0182	MDL	5.08	PQL	ng/Kg	J	Z
1,2,3,4,7,8,9-HPCDF	0.101	JB	0.0267	MDL	5.08	PQL	ng/Kg	U	B
1,2,3,4,7,8-HxCDD	0.108	JBQ	0.0478	MDL	5.08	PQL	ng/Kg	U	B

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 9 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: SVOA

Method: 1613B

Matrix: SO

Sample ID: SL-719-SA5A-SB-0.0-0.5

Collected: 11/26/2013 9:40:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,7,8-HXCDF	0.0891	JB	0.0384	MDL	5.08	PQL	ng/Kg	U	B
1,2,3,6,7,8-HXCDD	0.301	JB	0.0510	MDL	5.08	PQL	ng/Kg	J	Z
1,2,3,6,7,8-HXCDF	0.0501	JBQ	0.0348	MDL	5.08	PQL	ng/Kg	U	B
1,2,3,7,8,9-HXCDD	0.156	JBQ	0.0464	MDL	5.08	PQL	ng/Kg	U	B
1,2,3,7,8-PECDD	0.0589	JQ	0.0444	MDL	5.08	PQL	ng/Kg	J	Z
1,2,3,7,8-PECDF	0.0634	J	0.0275	MDL	5.08	PQL	ng/Kg	J	Z
2,3,4,6,7,8-HXCDF	0.0916	JB	0.0351	MDL	5.08	PQL	ng/Kg	U	B
2,3,4,7,8-PECDF	0.0475	JBQ	0.0270	MDL	5.08	PQL	ng/Kg	U	B
OCDF	6.80	JB	0.0541	MDL	10.2	PQL	ng/Kg	J	Z

Sample ID: SL-720-SA5A-SB-0.0-0.5

Collected: 11/26/2013 10:10:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,6,7,8-HPCDD	0.220	JB	0.0258	MDL	5.03	PQL	ng/Kg	U	B
1,2,3,4,6,7,8-HPCDF	0.132	JBQ	0.0110	MDL	5.03	PQL	ng/Kg	U	B
1,2,3,4,7,8,9-HPCDF	0.0358	JBQ	0.0148	MDL	5.03	PQL	ng/Kg	U	B
1,2,3,4,7,8-HxCDD	0.0289	JBQ	0.0195	MDL	5.03	PQL	ng/Kg	U	B
1,2,3,6,7,8-HXCDF	0.0332	JB	0.0195	MDL	5.03	PQL	ng/Kg	U	B
1,2,3,7,8,9-HXCDD	0.0445	JB	0.0189	MDL	5.03	PQL	ng/Kg	U	B
1,2,3,7,8,9-HXCDF	0.0372	JBQ	0.0211	MDL	5.03	PQL	ng/Kg	U	B
2,3,4,6,7,8-HXCDF	0.0274	JB	0.0193	MDL	5.03	PQL	ng/Kg	U	B
2,3,4,7,8-PECDF	0.0303	JBQ	0.0216	MDL	5.03	PQL	ng/Kg	U	B
OCDD	1.86	JB	0.0179	MDL	10.1	PQL	ng/Kg	J	Z
OCDF	0.588	JB	0.0323	MDL	10.1	PQL	ng/Kg	U	B

Sample ID: SL-724-SA5A-SB-0.0-0.5

Collected: 11/26/2013 10:40:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,6,7,8-HPCDD	0.190	JBQ	0.0268	MDL	5.02	PQL	ng/Kg	U	B
1,2,3,4,6,7,8-HPCDF	0.0833	JB	0.0105	MDL	5.02	PQL	ng/Kg	U	B
1,2,3,4,7,8,9-HPCDF	0.0564	JBQ	0.0138	MDL	5.02	PQL	ng/Kg	U	B
1,2,3,4,7,8-HxCDD	0.0283	JBQ	0.0232	MDL	5.02	PQL	ng/Kg	U	B
1,2,3,4,7,8-HXCDF	0.0376	JBQ	0.0224	MDL	5.02	PQL	ng/Kg	U	B
1,2,3,6,7,8-HXCDD	0.0926	JBQ	0.0248	MDL	5.02	PQL	ng/Kg	U	B
1,2,3,6,7,8-HXCDF	0.0280	JBQ	0.0219	MDL	5.02	PQL	ng/Kg	U	B

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 10 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: SVOA

Method: 1613B

Matrix: SO

Sample ID: SL-724-SA5A-SB-0.0-0.5

Collected: 11/26/2013 10:40:00 Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,7,8,9-HXCDD	0.171	JBQ	0.0223	MDL	5.02	PQL	ng/Kg	U	B
1,2,3,7,8,9-HXCDF	0.0901	JBQ	0.0228	MDL	5.02	PQL	ng/Kg	U	B
1,2,3,7,8-PECDD	0.0729	JQ	0.0389	MDL	5.02	PQL	ng/Kg	J	Z
1,2,3,7,8-PECDF	0.0697	JQ	0.0245	MDL	5.02	PQL	ng/Kg	J	Z
2,3,4,6,7,8-HXCDF	0.0289	JBQ	0.0215	MDL	5.02	PQL	ng/Kg	U	B
2,3,4,7,8-PECDF	0.0358	JBQ	0.0226	MDL	5.02	PQL	ng/Kg	U	B
OCDD	1.25	JBQ	0.0200	MDL	10.0	PQL	ng/Kg	J	Z
OCDF	0.208	JBQ	0.0359	MDL	10.0	PQL	ng/Kg	U	B

Sample ID: SL-738-SA5A-SB-0.0-0.5

Collected: 11/26/2013 1:15:00 Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,6,7,8-HPCDD	0.0524	JBQ	0.0213	MDL	5.29	PQL	ng/Kg	U	B
1,2,3,4,6,7,8-HPCDF	0.0589	JBQ	0.00836	MDL	5.29	PQL	ng/Kg	U	B
1,2,3,4,7,8,9-HPCDF	0.0204	JBQ	0.0115	MDL	5.29	PQL	ng/Kg	U	B
1,2,3,4,7,8-HXCDF	0.0442	JBQ	0.0201	MDL	5.29	PQL	ng/Kg	U	B
1,2,3,6,7,8-HXCDD	0.0376	JBQ	0.0229	MDL	5.29	PQL	ng/Kg	U	B
1,2,3,7,8,9-HXCDF	0.0609	JB	0.0208	MDL	5.29	PQL	ng/Kg	U	B
2,3,4,7,8-PECDF	0.0331	JBQ	0.0211	MDL	5.29	PQL	ng/Kg	U	B
OCDD	0.427	JB	0.0192	MDL	10.6	PQL	ng/Kg	U	B
OCDF	0.0847	JBQ	0.0311	MDL	10.6	PQL	ng/Kg	U	B

Sample ID: SL-738-SA5A-SB-3.0-4.0

Collected: 11/26/2013 1:20:00 Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,6,7,8-HPCDD	0.108	JB	0.0248	MDL	5.37	PQL	ng/Kg	U	B
1,2,3,4,6,7,8-HPCDF	0.0414	JBQ	0.00987	MDL	5.37	PQL	ng/Kg	U	B
1,2,3,4,7,8,9-HPCDF	0.0184	JB	0.0127	MDL	5.37	PQL	ng/Kg	U	B
1,2,3,6,7,8-HXCDD	0.0368	JBQ	0.0302	MDL	5.37	PQL	ng/Kg	U	B
1,2,3,6,7,8-HXCDF	0.0223	JBQ	0.0187	MDL	5.37	PQL	ng/Kg	U	B
1,2,3,7,8,9-HXCDD	0.0571	JBQ	0.0279	MDL	5.37	PQL	ng/Kg	U	B
1,2,3,7,8,9-HXCDF	0.0343	JBQ	0.0207	MDL	5.37	PQL	ng/Kg	U	B
1,2,3,7,8-PECDF	0.0326	JQ	0.0234	MDL	5.37	PQL	ng/Kg	J	Z
OCDD	0.311	JBQ	0.0195	MDL	10.7	PQL	ng/Kg	U	B
OCDF	0.0618	JBQ	0.0345	MDL	10.7	PQL	ng/Kg	U	B

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 11 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: SVOA

Method: 1613B

Matrix: SO

Sample ID: SL-767-SA5A-SB-0.0-0.5

Collected: 11/26/2013 1:55:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,6,7,8-HPCDD	4.68	JB	0.0327	MDL	4.98	PQL	ng/Kg	J	Z
1,2,3,4,6,7,8-HPCDF	0.448	JB	0.0155	MDL	4.98	PQL	ng/Kg	J	Z
1,2,3,4,7,8,9-HPCDF	0.0486	JBQ	0.0207	MDL	4.98	PQL	ng/Kg	U	B
1,2,3,4,7,8-HxCDD	0.0400	JBQ	0.0282	MDL	4.98	PQL	ng/Kg	U	B
1,2,3,4,7,8-HxCDF	0.130	JBQ	0.0241	MDL	4.98	PQL	ng/Kg	U	B
1,2,3,6,7,8-HxCDD	0.238	JBQ	0.0312	MDL	4.98	PQL	ng/Kg	J	Z
1,2,3,6,7,8-HxCDF	0.0687	JBQ	0.0225	MDL	4.98	PQL	ng/Kg	U	B
1,2,3,7,8,9-HxCDD	0.245	JBQ	0.0280	MDL	4.98	PQL	ng/Kg	J	Z
1,2,3,7,8,9-HxCDF	0.214	JB	0.0270	MDL	4.98	PQL	ng/Kg	U	B
1,2,3,7,8-PECDD	0.0955	JQ	0.0325	MDL	4.98	PQL	ng/Kg	J	Z
1,2,3,7,8-PECDF	0.196	J	0.0221	MDL	4.98	PQL	ng/Kg	J	Z
2,3,4,6,7,8-HxCDF	0.0452	JBQ	0.0233	MDL	4.98	PQL	ng/Kg	U	B
2,3,4,7,8-PECDF	0.120	JBQ	0.0215	MDL	4.98	PQL	ng/Kg	U	B
2,3,7,8-TCDD	0.111	JQ	0.0618	MDL	0.995	PQL	ng/Kg	J	Z
2,3,7,8-TCDF	0.0553	JQ	0.0495	MDL	0.995	PQL	ng/Kg	J	Z
OCDF	1.39	JB	0.0325	MDL	9.95	PQL	ng/Kg	J	Z

Sample ID: SL-767-SA5A-SB-2.5-3.5

Collected: 11/26/2013 2:05:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,6,7,8-HPCDD	3.05	JB	0.0301	MDL	4.96	PQL	ng/Kg	J	Z
1,2,3,4,6,7,8-HPCDF	0.526	JB	0.0125	MDL	4.96	PQL	ng/Kg	J	Z
1,2,3,4,7,8,9-HPCDF	0.0869	JB	0.0159	MDL	4.96	PQL	ng/Kg	U	B
1,2,3,4,7,8-HxCDD	0.110	JBQ	0.0285	MDL	4.96	PQL	ng/Kg	U	B
1,2,3,4,7,8-HxCDF	0.123	JBQ	0.0243	MDL	4.96	PQL	ng/Kg	U	B
1,2,3,6,7,8-HxCDD	0.232	JBQ	0.0304	MDL	4.96	PQL	ng/Kg	J	Z
1,2,3,6,7,8-HxCDF	0.156	JB	0.0233	MDL	4.96	PQL	ng/Kg	U	B
1,2,3,7,8,9-HxCDD	0.266	JBQ	0.0274	MDL	4.96	PQL	ng/Kg	J	Z
1,2,3,7,8,9-HxCDF	0.265	JBQ	0.0235	MDL	4.96	PQL	ng/Kg	U	B
1,2,3,7,8-PECDD	0.262	JQ	0.0325	MDL	4.96	PQL	ng/Kg	J	Z
1,2,3,7,8-PECDF	0.275	J	0.0199	MDL	4.96	PQL	ng/Kg	J	Z
2,3,4,6,7,8-HxCDF	0.125	JBQ	0.0220	MDL	4.96	PQL	ng/Kg	U	B
2,3,4,7,8-PECDF	0.171	JBQ	0.0192	MDL	4.96	PQL	ng/Kg	U	B
2,3,7,8-TCDF	0.0890	JQ	0.0426	MDL	0.992	PQL	ng/Kg	J	Z

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 12 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: SVOA

Method: 1613B

Matrix: SO

Sample ID: SL-767-SA5A-SB-2.5-3.5

Collected: 11/26/2013 2:05:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
OCDF	1.12	JB	0.0249	MDL	9.92	PQL	ng/Kg	J	Z

Method Category: SVOA

Method: 8015M

Matrix: SO

Sample ID: SL-724-SA5A-SB-0.0-0.5

Collected: 11/26/2013 10:40:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
EFH (C21-C30)	2.0	J	2.0	MDL	5.0	PQL	mg/Kg	J	Z
EFH (C30-C40)	5.3	J	4.0	MDL	10	PQL	mg/Kg	J	Z

Sample ID: SL-738-SA5A-SB-0.0-0.5

Collected: 11/26/2013 1:15:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
EFH (C30-C40)	5.0	J	4.2	MDL	11	PQL	mg/Kg	J	Z

Sample ID: SL-738-SA5A-SB-3.0-4.0

Collected: 11/26/2013 1:20:00

Analysis Type: REA

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
EFH (C12-C14)	5.4	U	2.1	MDL	5.4	PQL	mg/Kg	UJ	S
EFH (C15-C20)	5.4	U	2.1	MDL	5.4	PQL	mg/Kg	UJ	S
EFH (C21-C30)	5.4	U	2.1	MDL	5.4	PQL	mg/Kg	UJ	S
EFH (C30-C40)	11	U	4.3	MDL	11	PQL	mg/Kg	UJ	S
EFH (C8-C11)	5.4	U	2.1	MDL	5.4	PQL	mg/Kg	UJ	S

Sample ID: SL-767-SA5A-SB-2.5-3.5

Collected: 11/26/2013 2:05:00

Analysis Type: REA

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
EFH (C21-C30)	4.1	J	2.1	MDL	5.1	PQL	mg/Kg	J	Z

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 13 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: SVOA

Method: 8082A

Matrix: AQ

Sample ID: EB1-112613

Collected: 11/26/2013 2:30:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AROCLOR 1016	0.41	U	0.082	MDL	0.41	PQL	ug/L	UJ	C
AROCLOR 1221	0.41	U	0.082	MDL	0.41	PQL	ug/L	UJ	C
AROCLOR 1232	0.41	U	0.16	MDL	0.41	PQL	ug/L	UJ	C
AROCLOR 1242	0.41	U	0.082	MDL	0.41	PQL	ug/L	UJ	C
AROCLOR 1248	0.41	U	0.082	MDL	0.41	PQL	ug/L	UJ	C
AROCLOR 1254	0.41	U	0.082	MDL	0.41	PQL	ug/L	UJ	C
AROCLOR 1260	0.41	U	0.12	MDL	0.41	PQL	ug/L	UJ	C
Aroclor 1262	0.41	U	0.16	MDL	0.41	PQL	ug/L	UJ	C
Aroclor 1268	0.41	U	0.13	MDL	0.41	PQL	ug/L	UJ	C

Sample ID: EB2-112613

Collected: 11/26/2013 3:00:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AROCLOR 1016	0.44	U	0.088	MDL	0.44	PQL	ug/L	UJ	C
AROCLOR 1221	0.44	U	0.088	MDL	0.44	PQL	ug/L	UJ	C
AROCLOR 1232	0.44	U	0.18	MDL	0.44	PQL	ug/L	UJ	C
AROCLOR 1242	0.44	U	0.088	MDL	0.44	PQL	ug/L	UJ	C
AROCLOR 1248	0.44	U	0.088	MDL	0.44	PQL	ug/L	UJ	C
AROCLOR 1254	0.44	U	0.088	MDL	0.44	PQL	ug/L	UJ	C
AROCLOR 1260	0.44	U	0.13	MDL	0.44	PQL	ug/L	UJ	C
Aroclor 1262	0.44	U	0.18	MDL	0.44	PQL	ug/L	UJ	C
Aroclor 1268	0.44	U	0.14	MDL	0.44	PQL	ug/L	UJ	C

Method Category: SVOA

Method: 8270D SIM

Matrix: AQ

Sample ID: EB1-112613

Collected: 11/26/2013 2:30:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1-METHYLNAPHTHALENE	0.010	J	0.010	MDL	0.050	PQL	ug/L	J	Z

Sample ID: EB1-112613

Collected: 11/26/2013 2:30:00

Analysis Type: RES-BASE/NEUTRAL

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
2-METHYLNAPHTHALENE	0.012	J	0.010	MDL	0.050	PQL	ug/L	J	Z

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 14 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: SVOA

Method: 8270D SIM

Matrix: AQ

Sample ID: EB1-112613

Collected: 11/26/2013 2:30:00

Analysis Type: RES-BASE/NEUTRAL Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BIS(2-ETHYLHEXYL)PHTHALATE	0.29	J	0.050	MDL	1.0	PQL	ug/L	UJ	L, B
Diethylphthalate	0.44	J	0.050	MDL	1.0	PQL	ug/L	J	Z
Di-n-butylphthalate	0.24	J	0.050	MDL	1.0	PQL	ug/L	J	Z
NAPHTHALENE	0.031	J	0.030	MDL	0.050	PQL	ug/L	J	Z

Sample ID: EB2-112613

Collected: 11/26/2013 3:00:00

Analysis Type: RES-BASE/NEUTRAL Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
2-METHYLNAPHTHALENE	0.011	J	0.011	MDL	0.055	PQL	ug/L	J	Z
BIS(2-ETHYLHEXYL)PHTHALATE	0.079	J	0.055	MDL	1.1	PQL	ug/L	U	B
Diethylphthalate	0.35	J	0.055	MDL	1.1	PQL	ug/L	J	Z
Di-n-butylphthalate	0.20	J	0.055	MDL	1.1	PQL	ug/L	U	B

Method Category: SVOA

Method: 8270D SIM

Matrix: SO

Sample ID: SL-713-SA5A-SB-0.0-0.5

Collected: 11/26/2013 8:45:00

Analysis Type: RES-BASE/NEUTRAL Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Di-n-octylphthalate	19	U	6.2	MDL	19	PQL	ug/Kg	UJ	C

Sample ID: SL-719-SA5A-SB-0.0-0.5

Collected: 11/26/2013 9:40:00

Analysis Type: RES-BASE/NEUTRAL Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
CHRYSENE	0.64	J	0.34	MDL	1.7	PQL	ug/Kg	J	Z
FLUORANTHENE	0.82	J	0.68	MDL	1.7	PQL	ug/Kg	J	Z
NAPHTHALENE	0.85	J	0.68	MDL	1.7	PQL	ug/Kg	J	Z
PHENANTHRENE	1.2	J	0.68	MDL	1.7	PQL	ug/Kg	J	Z
PYRENE	0.74	J	0.68	MDL	1.7	PQL	ug/Kg	J	Z

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 15 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: VOA

Method: 8015B

Matrix: SO

Sample ID: SL-719-SA5A-SB-0.0-0.5

Collected: 11/26/2013 9:40:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
m-Terphenyl	0.11	J	0.069	MDL	0.18	PQL	mg/Kg	J	Z

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 16 of 17

Data Qualifier Summary

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PrepPH135

eQAPP Name: CDM_SSFL_140113_Lan

Reason Code Legend

<i>Reason Code</i>	<i>Description</i>
B	Method Blank Contamination
C	Continuing Calibration Verification Percent Difference Lower Estimation
F	Field Blank Contamination
L	Laboratory Control Spike Upper Estimation
Q	Matrix Spike Lower Estimation
Q	Matrix Spike Upper Estimation
S	Surrogate/Tracer Recovery Lower Estimation
S	Surrogate/Tracer Recovery Upper Estimation
Z	Reporting Limit Trace Value

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/20/2014 12:15:52 PM

ADR version 1.7.0.207

Page 17 of 17

Enclosure I

EPA Level III ADR Outliers

(Including Manual Review Outliers)

Quality Control Outlier Reports

PH135

Method Blank Outlier Report

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PH135_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 1613B

Matrix: AQ

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
BLK3380B371901	12/5/2013 7:01:00 PM	1,2,3,4,6,7,8-HPCDD 1,2,3,4,6,7,8-HPCDF 1,2,3,4,7,8-HPCDF 1,2,3,4,7,8-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDD 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 1,2,3,7,8-PECDF 2,3,4,6,7,8-HxCDF 2,3,4,7,8-PECDF OCDD OCDF	0.542 pg/L 0.579 pg/L 0.421 pg/L 0.350 pg/L 0.228 pg/L 0.378 pg/L 0.293 pg/L 0.502 pg/L 0.701 pg/L 0.561 pg/L 0.586 pg/L 0.482 pg/L 1.33 pg/L 2.14 pg/L	EB1-112613 EB2-112613

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
EB1-112613(RES)	1,2,3,4,6,7,8-HPCDF	0.372 pg/L	0.372U pg/L
EB1-112613(RES)	1,2,3,4,7,8,9-HPCDF	0.360 pg/L	0.360U pg/L
EB1-112613(RES)	1,2,3,4,7,8-HxCDF	0.372 pg/L	0.372U pg/L
EB1-112613(RES)	1,2,3,6,7,8-HxCDF	0.311 pg/L	0.311U pg/L
EB1-112613(RES)	1,2,3,7,8,9-HxCDF	0.426 pg/L	0.426U pg/L
EB1-112613(RES)	1,2,3,7,8-PECDF	0.571 pg/L	0.571U pg/L
EB1-112613(RES)	2,3,4,6,7,8-HxCDF	0.477 pg/L	0.477U pg/L
EB1-112613(RES)	2,3,4,7,8-PECDF	0.431 pg/L	0.431U pg/L
EB1-112613(RES)	OCDD	1.12 pg/L	1.12U pg/L
EB1-112613(RES)	OCDF	1.42 pg/L	1.42U pg/L
EB2-112613(RES)	1,2,3,4,6,7,8-HPCDF	0.629 pg/L	0.629U pg/L
EB2-112613(RES)	1,2,3,4,7,8,9-HPCDF	0.549 pg/L	0.549U pg/L
EB2-112613(RES)	1,2,3,4,7,8-HxCDF	0.434 pg/L	0.434U pg/L
EB2-112613(RES)	1,2,3,7,8,9-HxCDF	0.315 pg/L	0.315U pg/L
EB2-112613(RES)	1,2,3,7,8-PECDF	0.506 pg/L	0.506U pg/L
EB2-112613(RES)	2,3,4,6,7,8-HxCDF	0.285 pg/L	0.285U pg/L
EB2-112613(RES)	2,3,4,7,8-PECDF	0.428 pg/L	0.428U pg/L
EB2-112613(RES)	OCDD	1.89 pg/L	1.89U pg/L
EB2-112613(RES)	OCDF	1.41 pg/L	1.41U pg/L

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/18/2014 12:45:30 PM

ADR version 1.7.0.207

Page 1 of 5

Method Blank Outlier Report

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PH135_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 1613B

Matrix: SO

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
BLK3450B372248	12/12/2013 10:48:00 PM	1,2,3,4,6,7,8-HPCDD 1,2,3,4,6,7,8-HPCDF 1,2,3,4,7,8,9-HPCDF 1,2,3,4,7,8-HxCDD 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDD 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDD 1,2,3,7,8,9-HxCDF 2,3,4,6,7,8-HxCDF 2,3,4,7,8-PECDF OCDD OCDF	0.0965 ng/Kg 0.0358 ng/Kg 0.0522 ng/Kg 0.0274 ng/Kg 0.0682 ng/Kg 0.0354 ng/Kg 0.0382 ng/Kg 0.0457 ng/Kg 0.0882 ng/Kg 0.0320 ng/Kg 0.0394 ng/Kg 0.227 ng/Kg 0.134 ng/Kg	SL-713-SA5A-SB-0.0-0.5 SL-713-SA5A-SB-2.5-3.5 SL-719-SA5A-SB-0.0-0.5 SL-720-SA5A-SB-0.0-0.5 SL-724-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-3.0-4.0 SL-767-SA5A-SB-0.0-0.5 SL-767-SA5A-SB-2.5-3.5

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
SL-713-SA5A-SB-0.0-0.5(RES)	1,2,3,4,6,7,8-HPCDF	0.147 ng/Kg	0.147U ng/Kg
SL-713-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8,9-HPCDF	0.0607 ng/Kg	0.0607U ng/Kg
SL-713-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8-HxCDD	0.0412 ng/Kg	0.0412U ng/Kg
SL-713-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8-HxCDF	0.0466 ng/Kg	0.0466U ng/Kg
SL-713-SA5A-SB-0.0-0.5(RES)	1,2,3,6,7,8-HxCDD	0.0690 ng/Kg	0.0690U ng/Kg
SL-713-SA5A-SB-0.0-0.5(RES)	1,2,3,6,7,8-HxCDF	0.0731 ng/Kg	0.0731U ng/Kg
SL-713-SA5A-SB-0.0-0.5(RES)	1,2,3,7,8,9-HxCDD	0.106 ng/Kg	0.106U ng/Kg
SL-713-SA5A-SB-0.0-0.5(RES)	1,2,3,7,8,9-HxCDF	0.0594 ng/Kg	0.0594U ng/Kg
SL-713-SA5A-SB-0.0-0.5(RES)	2,3,4,6,7,8-HxCDF	0.0564 ng/Kg	0.0564U ng/Kg
SL-713-SA5A-SB-0.0-0.5(RES)	2,3,4,7,8-PECDF	0.0527 ng/Kg	0.0527U ng/Kg
SL-713-SA5A-SB-0.0-0.5(RES)	OCDF	0.361 ng/Kg	0.361U ng/Kg
SL-713-SA5A-SB-2.5-3.5(RES)	1,2,3,4,6,7,8-HPCDD	0.0616 ng/Kg	0.0616U ng/Kg
SL-713-SA5A-SB-2.5-3.5(RES)	1,2,3,4,6,7,8-HPCDF	0.0214 ng/Kg	0.0214U ng/Kg
SL-713-SA5A-SB-2.5-3.5(RES)	1,2,3,4,7,8,9-HPCDF	0.0191 ng/Kg	0.0191U ng/Kg
SL-713-SA5A-SB-2.5-3.5(RES)	1,2,3,6,7,8-HxCDD	0.0457 ng/Kg	0.0457U ng/Kg
SL-713-SA5A-SB-2.5-3.5(RES)	1,2,3,6,7,8-HxCDF	0.0263 ng/Kg	0.0263U ng/Kg
SL-713-SA5A-SB-2.5-3.5(RES)	1,2,3,7,8,9-HxCDD	0.0416 ng/Kg	0.0416U ng/Kg
SL-713-SA5A-SB-2.5-3.5(RES)	1,2,3,7,8,9-HxCDF	0.0434 ng/Kg	0.0434U ng/Kg
SL-713-SA5A-SB-2.5-3.5(RES)	2,3,4,6,7,8-HxCDF	0.0221 ng/Kg	0.0221U ng/Kg
SL-713-SA5A-SB-2.5-3.5(RES)	OCDD	0.332 ng/Kg	0.332U ng/Kg
SL-713-SA5A-SB-2.5-3.5(RES)	OCDF	0.111 ng/Kg	0.111U ng/Kg
SL-719-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8,9-HPCDF	0.101 ng/Kg	0.101U ng/Kg
SL-719-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8-HxCDD	0.108 ng/Kg	0.108U ng/Kg
SL-719-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8-HxCDF	0.0891 ng/Kg	0.0891U ng/Kg
SL-719-SA5A-SB-0.0-0.5(RES)	1,2,3,6,7,8-HxCDF	0.0501 ng/Kg	0.0501U ng/Kg
SL-719-SA5A-SB-0.0-0.5(RES)	1,2,3,7,8,9-HxCDD	0.156 ng/Kg	0.156U ng/Kg
SL-719-SA5A-SB-0.0-0.5(RES)	2,3,4,6,7,8-HxCDF	0.0916 ng/Kg	0.0916U ng/Kg
SL-719-SA5A-SB-0.0-0.5(RES)	2,3,4,7,8-PECDF	0.0475 ng/Kg	0.0475U ng/Kg
SL-720-SA5A-SB-0.0-0.5(RES)	1,2,3,4,6,7,8-HPCDD	0.220 ng/Kg	0.220U ng/Kg
SL-720-SA5A-SB-0.0-0.5(RES)	1,2,3,4,6,7,8-HPCDF	0.132 ng/Kg	0.132U ng/Kg
SL-720-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8,9-HPCDF	0.0358 ng/Kg	0.0358U ng/Kg

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/18/2014 12:45:30 PM

ADR version 1.7.0.207

Page 2 of 5

Method Blank Outlier Report

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PH135_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 1613B

Matrix: SO

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
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The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
SL-720-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8-HxCDD	0.0289 ng/Kg	0.0289U ng/Kg
SL-720-SA5A-SB-0.0-0.5(RES)	1,2,3,6,7,8-HxCDF	0.0332 ng/Kg	0.0332U ng/Kg
SL-720-SA5A-SB-0.0-0.5(RES)	1,2,3,7,8,9-HxCDD	0.0445 ng/Kg	0.0445U ng/Kg
SL-720-SA5A-SB-0.0-0.5(RES)	1,2,3,7,8,9-HxCDF	0.0372 ng/Kg	0.0372U ng/Kg
SL-720-SA5A-SB-0.0-0.5(RES)	2,3,4,6,7,8-HxCDF	0.0274 ng/Kg	0.0274U ng/Kg
SL-720-SA5A-SB-0.0-0.5(RES)	2,3,4,7,8-PECDF	0.0303 ng/Kg	0.0303U ng/Kg
SL-720-SA5A-SB-0.0-0.5(RES)	OCDF	0.588 ng/Kg	0.588U ng/Kg
SL-724-SA5A-SB-0.0-0.5(RES)	1,2,3,4,6,7,8-HPCDD	0.190 ng/Kg	0.190U ng/Kg
SL-724-SA5A-SB-0.0-0.5(RES)	1,2,3,4,6,7,8-HPCDF	0.0833 ng/Kg	0.0833U ng/Kg
SL-724-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8,9-HPCDF	0.0564 ng/Kg	0.0564U ng/Kg
SL-724-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8-HxCDD	0.0283 ng/Kg	0.0283U ng/Kg
SL-724-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8-HxCDF	0.0376 ng/Kg	0.0376U ng/Kg
SL-724-SA5A-SB-0.0-0.5(RES)	1,2,3,6,7,8-HxCDD	0.0926 ng/Kg	0.0926U ng/Kg
SL-724-SA5A-SB-0.0-0.5(RES)	1,2,3,6,7,8-HxCDF	0.0280 ng/Kg	0.0280U ng/Kg
SL-724-SA5A-SB-0.0-0.5(RES)	1,2,3,7,8,9-HxCDD	0.171 ng/Kg	0.171U ng/Kg
SL-724-SA5A-SB-0.0-0.5(RES)	1,2,3,7,8,9-HxCDF	0.0901 ng/Kg	0.0901U ng/Kg
SL-724-SA5A-SB-0.0-0.5(RES)	2,3,4,6,7,8-HxCDF	0.0289 ng/Kg	0.0289U ng/Kg
SL-724-SA5A-SB-0.0-0.5(RES)	2,3,4,7,8-PECDF	0.0358 ng/Kg	0.0358U ng/Kg
SL-724-SA5A-SB-0.0-0.5(RES)	OCDF	0.208 ng/Kg	0.208U ng/Kg
SL-738-SA5A-SB-0.0-0.5(RES)	1,2,3,4,6,7,8-HPCDD	0.0524 ng/Kg	0.0524U ng/Kg
SL-738-SA5A-SB-0.0-0.5(RES)	1,2,3,4,6,7,8-HPCDF	0.0589 ng/Kg	0.0589U ng/Kg
SL-738-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8,9-HPCDF	0.0204 ng/Kg	0.0204U ng/Kg
SL-738-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8-HxCDF	0.0442 ng/Kg	0.0442U ng/Kg
SL-738-SA5A-SB-0.0-0.5(RES)	1,2,3,6,7,8-HxCDD	0.0376 ng/Kg	0.0376U ng/Kg
SL-738-SA5A-SB-0.0-0.5(RES)	1,2,3,7,8,9-HxCDF	0.0609 ng/Kg	0.0609U ng/Kg
SL-738-SA5A-SB-0.0-0.5(RES)	2,3,4,7,8-PECDF	0.0331 ng/Kg	0.0331U ng/Kg
SL-738-SA5A-SB-0.0-0.5(RES)	OCDD	0.427 ng/Kg	0.427U ng/Kg
SL-738-SA5A-SB-0.0-0.5(RES)	OCDF	0.0847 ng/Kg	0.0847U ng/Kg
SL-738-SA5A-SB-3.0-4.0(RES)	1,2,3,4,6,7,8-HPCDD	0.108 ng/Kg	0.108U ng/Kg
SL-738-SA5A-SB-3.0-4.0(RES)	1,2,3,4,6,7,8-HPCDF	0.0414 ng/Kg	0.0414U ng/Kg
SL-738-SA5A-SB-3.0-4.0(RES)	1,2,3,4,7,8,9-HPCDF	0.0184 ng/Kg	0.0184U ng/Kg
SL-738-SA5A-SB-3.0-4.0(RES)	1,2,3,6,7,8-HxCDD	0.0368 ng/Kg	0.0368U ng/Kg
SL-738-SA5A-SB-3.0-4.0(RES)	1,2,3,6,7,8-HxCDF	0.0223 ng/Kg	0.0223U ng/Kg
SL-738-SA5A-SB-3.0-4.0(RES)	1,2,3,7,8,9-HxCDD	0.0571 ng/Kg	0.0571U ng/Kg
SL-738-SA5A-SB-3.0-4.0(RES)	1,2,3,7,8,9-HxCDF	0.0343 ng/Kg	0.0343U ng/Kg
SL-738-SA5A-SB-3.0-4.0(RES)	OCDD	0.311 ng/Kg	0.311U ng/Kg
SL-738-SA5A-SB-3.0-4.0(RES)	OCDF	0.0618 ng/Kg	0.0618U ng/Kg
SL-767-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8,9-HPCDF	0.0486 ng/Kg	0.0486U ng/Kg
SL-767-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8-HxCDD	0.0400 ng/Kg	0.0400U ng/Kg
SL-767-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8-HxCDF	0.130 ng/Kg	0.130U ng/Kg

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/18/2014 12:45:30 PM

ADR version 1.7.0.207

Page 3 of 5

Method Blank Outlier Report

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PH135_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 1613B

Matrix: SO

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
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The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
SL-767-SA5A-SB-0.0-0.5(RES)	1,2,3,6,7,8-HXCDF	0.0687 ng/Kg	0.0687U ng/Kg
SL-767-SA5A-SB-0.0-0.5(RES)	1,2,3,7,8,9-HXCDF	0.214 ng/Kg	0.214U ng/Kg
SL-767-SA5A-SB-0.0-0.5(RES)	2,3,4,6,7,8-HXCDF	0.0452 ng/Kg	0.0452U ng/Kg
SL-767-SA5A-SB-0.0-0.5(RES)	2,3,4,7,8-PECDF	0.120 ng/Kg	0.120U ng/Kg
SL-767-SA5A-SB-2.5-3.5(RES)	1,2,3,4,7,8,9-HPCDF	0.0869 ng/Kg	0.0869U ng/Kg
SL-767-SA5A-SB-2.5-3.5(RES)	1,2,3,4,7,8-HxCDD	0.110 ng/Kg	0.110U ng/Kg
SL-767-SA5A-SB-2.5-3.5(RES)	1,2,3,4,7,8-HXCDF	0.123 ng/Kg	0.123U ng/Kg
SL-767-SA5A-SB-2.5-3.5(RES)	1,2,3,6,7,8-HXCDF	0.156 ng/Kg	0.156U ng/Kg
SL-767-SA5A-SB-2.5-3.5(RES)	1,2,3,7,8,9-HXCDF	0.265 ng/Kg	0.265U ng/Kg
SL-767-SA5A-SB-2.5-3.5(RES)	2,3,4,6,7,8-HXCDF	0.125 ng/Kg	0.125U ng/Kg
SL-767-SA5A-SB-2.5-3.5(RES)	2,3,4,7,8-PECDF	0.171 ng/Kg	0.171U ng/Kg

Method: 6010C

Matrix: AQ

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
P34335BB220318	12/11/2013 3:18:00 AM	ZINC	0.0040 mg/L	EB1-112613 EB2-112613

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
EB1-112613(REA2)	ZINC	0.0032 mg/L	0.0032U mg/L
EB2-112613(REA2)	ZINC	0.0022 mg/L	0.0022U mg/L

Method: 6010C

Matrix: SO

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
P33637BB220936	12/3/2013 9:36:00 AM	TIN	1.57 mg/Kg	SL-713-SA5A-SB-0.0-0.5 SL-713-SA5A-SB-2.5-3.5 SL-719-SA5A-SB-0.0-0.5 SL-720-SA5A-SB-0.0-0.5 SL-724-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-3.0-4.0 SL-767-SA5A-SB-0.0-0.5 SL-767-SA5A-SB-2.5-3.5

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
SL-713-SA5A-SB-0.0-0.5(RES)	TIN	2.72 mg/Kg	2.72U mg/Kg

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/18/2014 12:45:30 PM

ADR version 1.7.0.207

Page 4 of 5

Method Blank Outlier Report

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PH135_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 6010C

Matrix: SO

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
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The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
SL-713-SA5A-SB-2.5-3.5(RES)	TIN	3.33 mg/Kg	3.33U mg/Kg
SL-719-SA5A-SB-0.0-0.5(RES)	TIN	2.54 mg/Kg	2.54U mg/Kg
SL-720-SA5A-SB-0.0-0.5(RES)	TIN	2.58 mg/Kg	2.58U mg/Kg
SL-724-SA5A-SB-0.0-0.5(RES)	TIN	2.50 mg/Kg	2.50U mg/Kg
SL-738-SA5A-SB-0.0-0.5(RES)	TIN	3.01 mg/Kg	3.01U mg/Kg
SL-738-SA5A-SB-3.0-4.0(RES)	TIN	4.09 mg/Kg	4.09U mg/Kg
SL-767-SA5A-SB-0.0-0.5(RES)	TIN	2.85 mg/Kg	2.85U mg/Kg
SL-767-SA5A-SB-2.5-3.5(RES)	TIN	2.97 mg/Kg	2.97U mg/Kg

Method: 8270D SIM

Matrix: AQ

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
PLKWC33B260102	12/3/2013 1:02:00 AM	BIS(2-ETHYLHEXYL)PHTHALATE	0.13 ug/L	EB1-112613
PLKWC33B260445	12/1/2013 4:45:00 AM	BIS(2-ETHYLHEXYL)PHTHALATE Di-n-butylphthalate	0.093 ug/L 0.053 ug/L	EB2-112613

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
EB1-112613(RES)	BIS(2-ETHYLHEXYL)PHTHALATE	0.29 ug/L	1.0U ug/L
EB2-112613(RES)	BIS(2-ETHYLHEXYL)PHTHALATE	0.079 ug/L	1.1U ug/L
EB2-112613(RES)	Di-n-butylphthalate	0.20 ug/L	1.1U ug/L

Field Blank Outlier Report

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PH135_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 6010C

Matrix: SO

Field Blank Sample ID	Collected Date	Analyte	Result	Associated Samples
FB-041613(REA2/TOT)	4/16/2013 3:15:00 PM	MOLYBDENUM TIN	0.0132 mg/L 0.0029 mg/L	SL-713-SA5A-SB-0.0-0.5 SL-713-SA5A-SB-2.5-3.5 SL-719-SA5A-SB-0.0-0.5 SL-720-SA5A-SB-0.0-0.5 SL-724-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-3.0-4.0 SL-767-SA5A-SB-0.0-0.5 SL-767-SA5A-SB-2.5-3.5

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
SL-713-SA5A-SB-0.0-0.5(RES)	MOLYBDENUM	1.26 mg/Kg	1.26J mg/Kg
SL-713-SA5A-SB-2.5-3.5(RES)	MOLYBDENUM	0.313 mg/Kg	0.313U mg/Kg
SL-719-SA5A-SB-0.0-0.5(RES)	MOLYBDENUM	0.473 mg/Kg	0.473U mg/Kg
SL-720-SA5A-SB-0.0-0.5(RES)	MOLYBDENUM	0.326 mg/Kg	0.326U mg/Kg
SL-724-SA5A-SB-0.0-0.5(RES)	MOLYBDENUM	0.326 mg/Kg	0.326U mg/Kg
SL-738-SA5A-SB-0.0-0.5(RES)	MOLYBDENUM	0.524 mg/Kg	0.524U mg/Kg
SL-738-SA5A-SB-3.0-4.0(RES)	MOLYBDENUM	0.557 mg/Kg	0.557U mg/Kg
SL-767-SA5A-SB-0.0-0.5(RES)	MOLYBDENUM	0.513 mg/Kg	0.513U mg/Kg
SL-767-SA5A-SB-2.5-3.5(RES)	MOLYBDENUM	0.498 mg/Kg	0.498U mg/Kg

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/18/2014 1:34:07 PM

ADR version 1.7.0.207

Page 1 of 1

Surrogate Outlier Report

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PH135_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 8015M

Matrix: SO

Sample ID (Analysis Type)	Surrogate	Sample % Recovery	% Recovery Limits	Affected Compounds	Flag
SL-738-SA5A-SB- 3.0-4.0 (REA)	O-TERPHENYL	62	66.00-123.00	All Target Analytes	J (all detects) UJ (all non-detects)

Lab Control Spike/Lab Control Spike Duplicate Outlier Report

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PH135_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 8270D SIM

Matrix: AQ

QC Sample ID (Associated Samples)	Compound	LCS %R	LCSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
P6WCLCSQ260130 P6WCLCSY260157 (EB1-112613)	BIS(2-ETHYLHEXYL)PHTHALAT	148	146	70.00-143.00	-	BIS(2-ETHYLHEXYL)PHTHALA	J (all detects)

Reporting Limit Outliers

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PH135_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 1613B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
EB1-112613	1,2,3,4,6,7,8-HPCDF	JB	0.372	11.1	PQL	pg/L	J (all detects)
	1,2,3,4,7,8,9-HPCDF	JBQ	0.360	11.1	PQL	pg/L	
	1,2,3,4,7,8-HXCDF	JBQ	0.372	11.1	PQL	pg/L	
	1,2,3,6,7,8-HXCDF	JBQ	0.311	11.1	PQL	pg/L	
	1,2,3,7,8,9-HXCDF	JBQ	0.426	11.1	PQL	pg/L	
	1,2,3,7,8-PECDD	JQ	0.438	11.1	PQL	pg/L	
	1,2,3,7,8-PECDF	JBQ	0.571	11.1	PQL	pg/L	
	2,3,4,6,7,8-HXCDF	JBQ	0.477	11.1	PQL	pg/L	
	2,3,4,7,8-PECDF	JBQ	0.431	11.1	PQL	pg/L	
	2,3,7,8-TCDD	JQ	0.702	2.23	PQL	pg/L	
	OCDD	JB	1.12	22.3	PQL	pg/L	
	OCDF	JBQ	1.42	22.3	PQL	pg/L	
EB2-112613	1,2,3,4,6,7,8-HPCDF	JBQ	0.629	10.6	PQL	pg/L	J (all detects)
	1,2,3,4,7,8,9-HPCDF	JBQ	0.549	10.6	PQL	pg/L	
	1,2,3,4,7,8-HXCDF	JBQ	0.434	10.6	PQL	pg/L	
	1,2,3,7,8,9-HXCDF	JBQ	0.315	10.6	PQL	pg/L	
	1,2,3,7,8-PECDD	J	0.622	10.6	PQL	pg/L	
	1,2,3,7,8-PECDF	JB	0.506	10.6	PQL	pg/L	
	2,3,4,6,7,8-HXCDF	JBQ	0.285	10.6	PQL	pg/L	
	2,3,4,7,8-PECDF	JBQ	0.428	10.6	PQL	pg/L	
	2,3,7,8-TCDD	JQ	0.739	2.12	PQL	pg/L	
	OCDD	JB	1.89	21.2	PQL	pg/L	
	OCDF	JBQ	1.41	21.2	PQL	pg/L	

Method: 6010C

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
EB1-112613	ZINC	J	0.0032	0.0400	PQL	mg/L	J (all detects)
EB2-112613	NICKEL	J	0.0018	0.0200	PQL	mg/L	J (all detects)
	POTASSIUM	J	0.109	1.00	PQL	mg/L	
	ZINC	J	0.0022	0.0400	PQL	mg/L	

Method: 8270D SIM

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
EB1-112613	1-METHYLNAPHTHALENE	J	0.010	0.050	PQL	ug/L	J (all detects)
	2-METHYLNAPHTHALENE	J	0.012	0.050	PQL	ug/L	
	BIS(2-ETHYLHEXYL)PHTHALATE	J	0.29	1.0	PQL	ug/L	
	Diethylphthalate	J	0.44	1.0	PQL	ug/L	
	Di-n-butylphthalate	J	0.24	1.0	PQL	ug/L	
	NAPHTHALENE	J	0.031	0.050	PQL	ug/L	
EB2-112613	2-METHYLNAPHTHALENE	J	0.011	0.055	PQL	ug/L	J (all detects)
	BIS(2-ETHYLHEXYL)PHTHALATE	J	0.079	1.1	PQL	ug/L	
	Diethylphthalate	J	0.35	1.1	PQL	ug/L	
	Di-n-butylphthalate	J	0.20	1.1	PQL	ug/L	

Reporting Limit Outliers

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PH135_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 1613B

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-713-SA5A-SB-0.0-0.5	1,2,3,4,6,7,8-HPCDD	JB	0.643	5.17	PQL	ng/Kg	J (all detects)
	1,2,3,4,6,7,8-HPCDF	JB	0.147	5.17	PQL	ng/Kg	
	1,2,3,4,7,8,9-HPCDF	JBQ	0.0607	5.17	PQL	ng/Kg	
	1,2,3,4,7,8-HxCDD	JBQ	0.0412	5.17	PQL	ng/Kg	
	1,2,3,4,7,8-HXCDF	JB	0.0466	5.17	PQL	ng/Kg	
	1,2,3,6,7,8-HXCDD	JB	0.0690	5.17	PQL	ng/Kg	
	1,2,3,6,7,8-HXCDF	JB	0.0731	5.17	PQL	ng/Kg	
	1,2,3,7,8,9-HXCDD	JBQ	0.106	5.17	PQL	ng/Kg	
	1,2,3,7,8,9-HXCDF	JB	0.0594	5.17	PQL	ng/Kg	
	1,2,3,7,8-PCDD	JQ	0.116	5.17	PQL	ng/Kg	
	1,2,3,7,8-PCDF	JQ	0.0721	5.17	PQL	ng/Kg	
	2,3,4,6,7,8-HXCDF	JBQ	0.0564	5.17	PQL	ng/Kg	
	2,3,4,7,8-PCDF	JBQ	0.0527	5.17	PQL	ng/Kg	
	OCDD	JB	8.08	10.3	PQL	ng/Kg	
	OCDF	JBQ	0.361	10.3	PQL	ng/Kg	
SL-713-SA5A-SB-2.5-3.5	1,2,3,4,6,7,8-HPCDD	JBQ	0.0616	5.20	PQL	ng/Kg	J (all detects)
	1,2,3,4,6,7,8-HPCDF	JBQ	0.0214	5.20	PQL	ng/Kg	
	1,2,3,4,7,8,9-HPCDF	JBQ	0.0191	5.20	PQL	ng/Kg	
	1,2,3,6,7,8-HXCDD	JBQ	0.0457	5.20	PQL	ng/Kg	
	1,2,3,6,7,8-HXCDF	JBQ	0.0263	5.20	PQL	ng/Kg	
	1,2,3,7,8,9-HXCDD	JBQ	0.0416	5.20	PQL	ng/Kg	
	1,2,3,7,8,9-HXCDF	JBQ	0.0434	5.20	PQL	ng/Kg	
	1,2,3,7,8-PCDD	JQ	0.0338	5.20	PQL	ng/Kg	
	1,2,3,7,8-PCDF	JQ	0.0540	5.20	PQL	ng/Kg	
	2,3,4,6,7,8-HXCDF	JBQ	0.0221	5.20	PQL	ng/Kg	
	2,3,7,8-TCDD	JQ	0.0776	1.04	PQL	ng/Kg	
	OCDD	JB	0.332	10.4	PQL	ng/Kg	
	OCDF	JBQ	0.111	10.4	PQL	ng/Kg	
SL-719-SA5A-SB-0.0-0.5	1,2,3,4,6,7,8-HPCDF	JB	1.91	5.08	PQL	ng/Kg	J (all detects)
	1,2,3,4,7,8,9-HPCDF	JB	0.101	5.08	PQL	ng/Kg	
	1,2,3,4,7,8-HxCDD	JBQ	0.108	5.08	PQL	ng/Kg	
	1,2,3,4,7,8-HXCDF	JB	0.0891	5.08	PQL	ng/Kg	
	1,2,3,6,7,8-HXCDD	JB	0.301	5.08	PQL	ng/Kg	
	1,2,3,6,7,8-HXCDF	JBQ	0.0501	5.08	PQL	ng/Kg	
	1,2,3,7,8,9-HXCDD	JBQ	0.156	5.08	PQL	ng/Kg	
	1,2,3,7,8-PCDD	JQ	0.0589	5.08	PQL	ng/Kg	
	1,2,3,7,8-PCDF	J	0.0634	5.08	PQL	ng/Kg	
	2,3,4,6,7,8-HXCDF	JB	0.0916	5.08	PQL	ng/Kg	
	2,3,4,7,8-PCDF	JBQ	0.0475	5.08	PQL	ng/Kg	
	OCDF	JB	6.80	10.2	PQL	ng/Kg	
SL-720-SA5A-SB-0.0-0.5	1,2,3,4,6,7,8-HPCDD	JB	0.220	5.03	PQL	ng/Kg	J (all detects)
	1,2,3,4,6,7,8-HPCDF	JBQ	0.132	5.03	PQL	ng/Kg	
	1,2,3,4,7,8,9-HPCDF	JBQ	0.0358	5.03	PQL	ng/Kg	
	1,2,3,4,7,8-HxCDD	JBQ	0.0289	5.03	PQL	ng/Kg	
	1,2,3,6,7,8-HXCDF	JB	0.0332	5.03	PQL	ng/Kg	
	1,2,3,7,8,9-HXCDD	JB	0.0445	5.03	PQL	ng/Kg	
	1,2,3,7,8,9-HXCDF	JBQ	0.0372	5.03	PQL	ng/Kg	
	2,3,4,6,7,8-HXCDF	JB	0.0274	5.03	PQL	ng/Kg	
	2,3,4,7,8-PCDF	JBQ	0.0303	5.03	PQL	ng/Kg	
	OCDD	JB	1.86	10.1	PQL	ng/Kg	
	OCDF	JB	0.588	10.1	PQL	ng/Kg	

Reporting Limit Outliers

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PH135_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 1613B

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-724-SA5A-SB-0.0-0.5	1,2,3,4,6,7,8-HPCDD	JBQ	0.190	5.02	PQL	ng/Kg	J (all detects)
	1,2,3,4,6,7,8-HPCDF	JB	0.0833	5.02	PQL	ng/Kg	
	1,2,3,4,7,8,9-HPCDF	JBQ	0.0564	5.02	PQL	ng/Kg	
	1,2,3,4,7,8-HxCDD	JBQ	0.0283	5.02	PQL	ng/Kg	
	1,2,3,4,7,8-HxCDF	JBQ	0.0376	5.02	PQL	ng/Kg	
	1,2,3,6,7,8-HxCDD	JBQ	0.0926	5.02	PQL	ng/Kg	
	1,2,3,6,7,8-HxCDF	JBQ	0.0280	5.02	PQL	ng/Kg	
	1,2,3,7,8,9-HxCDD	JBQ	0.171	5.02	PQL	ng/Kg	
	1,2,3,7,8,9-HxCDF	JBQ	0.0901	5.02	PQL	ng/Kg	
	1,2,3,7,8-PECDD	JQ	0.0729	5.02	PQL	ng/Kg	
	1,2,3,7,8-PECDF	JQ	0.0697	5.02	PQL	ng/Kg	
	2,3,4,6,7,8-HxCDF	JBQ	0.0289	5.02	PQL	ng/Kg	
	2,3,4,7,8-PECDF	JBQ	0.0358	5.02	PQL	ng/Kg	
	OCDD	JBQ	1.25	10.0	PQL	ng/Kg	
	OCDF	JBQ	0.208	10.0	PQL	ng/Kg	
SL-738-SA5A-SB-0.0-0.5	1,2,3,4,6,7,8-HPCDD	JBQ	0.0524	5.29	PQL	ng/Kg	J (all detects)
	1,2,3,4,6,7,8-HPCDF	JBQ	0.0589	5.29	PQL	ng/Kg	
	1,2,3,4,7,8,9-HPCDF	JBQ	0.0204	5.29	PQL	ng/Kg	
	1,2,3,4,7,8-HxCDF	JBQ	0.0442	5.29	PQL	ng/Kg	
	1,2,3,6,7,8-HxCDD	JBQ	0.0376	5.29	PQL	ng/Kg	
	1,2,3,7,8,9-HxCDF	JB	0.0609	5.29	PQL	ng/Kg	
	2,3,4,7,8-PECDF	JBQ	0.0331	5.29	PQL	ng/Kg	
	OCDD	JB	0.427	10.6	PQL	ng/Kg	
SL-738-SA5A-SB-3.0-4.0	OCDF	JBQ	0.0847	10.6	PQL	ng/Kg	J (all detects)
	1,2,3,4,6,7,8-HPCDD	JB	0.108	5.37	PQL	ng/Kg	
	1,2,3,4,6,7,8-HPCDF	JBQ	0.0414	5.37	PQL	ng/Kg	
	1,2,3,4,7,8,9-HPCDF	JB	0.0184	5.37	PQL	ng/Kg	
	1,2,3,6,7,8-HxCDD	JBQ	0.0368	5.37	PQL	ng/Kg	
	1,2,3,6,7,8-HxCDF	JBQ	0.0223	5.37	PQL	ng/Kg	
	1,2,3,7,8,9-HxCDD	JBQ	0.0571	5.37	PQL	ng/Kg	
	1,2,3,7,8,9-HxCDF	JBQ	0.0343	5.37	PQL	ng/Kg	
	1,2,3,7,8-PECDF	JQ	0.0326	5.37	PQL	ng/Kg	
	OCDD	JBQ	0.311	10.7	PQL	ng/Kg	
SL-767-SA5A-SB-0.0-0.5	OCDF	JBQ	0.0618	10.7	PQL	ng/Kg	J (all detects)
	1,2,3,4,6,7,8-HPCDD	JB	0.448	4.98	PQL	ng/Kg	
	1,2,3,4,6,7,8-HPCDF	JB	0.448	4.98	PQL	ng/Kg	
	1,2,3,4,7,8,9-HPCDF	JBQ	0.0486	4.98	PQL	ng/Kg	
	1,2,3,4,7,8-HxCDD	JBQ	0.0400	4.98	PQL	ng/Kg	
	1,2,3,4,7,8-HxCDF	JBQ	0.130	4.98	PQL	ng/Kg	
	1,2,3,6,7,8-HxCDD	JBQ	0.238	4.98	PQL	ng/Kg	
	1,2,3,6,7,8-HxCDF	JBQ	0.0687	4.98	PQL	ng/Kg	
	1,2,3,7,8,9-HxCDD	JBQ	0.245	4.98	PQL	ng/Kg	
	1,2,3,7,8,9-HxCDF	JB	0.214	4.98	PQL	ng/Kg	
	1,2,3,7,8-PECDD	JQ	0.0955	4.98	PQL	ng/Kg	
	1,2,3,7,8-PECDF	J	0.196	4.98	PQL	ng/Kg	
	2,3,4,6,7,8-HxCDF	JBQ	0.0452	4.98	PQL	ng/Kg	
	2,3,4,7,8-PECDF	JBQ	0.120	4.98	PQL	ng/Kg	
	2,3,7,8-TCDD	JQ	0.111	0.995	PQL	ng/Kg	
	2,3,7,8-TCDF	JQ	0.0553	0.995	PQL	ng/Kg	
	OCDF	JB	1.39	9.95	PQL	ng/Kg	

Reporting Limit Outliers

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PH135_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 1613B

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-767-SA5A-SB-2.5-3.5	1,2,3,4,6,7,8-HPCDD	JB	3.05	4.96	PQL	ng/Kg	J (all detects)
	1,2,3,4,6,7,8-HPCDF	JB	0.526	4.96	PQL	ng/Kg	
	1,2,3,4,7,8,9-HPCDF	JB	0.0869	4.96	PQL	ng/Kg	
	1,2,3,4,7,8-HxCDD	JBQ	0.110	4.96	PQL	ng/Kg	
	1,2,3,4,7,8-HxCDF	JBQ	0.123	4.96	PQL	ng/Kg	
	1,2,3,6,7,8-HxCDD	JBQ	0.232	4.96	PQL	ng/Kg	
	1,2,3,6,7,8-HxCDF	JB	0.156	4.96	PQL	ng/Kg	
	1,2,3,7,8,9-HxCDD	JBQ	0.266	4.96	PQL	ng/Kg	
	1,2,3,7,8,9-HxCDF	JBQ	0.265	4.96	PQL	ng/Kg	
	1,2,3,7,8-PCDD	JQ	0.262	4.96	PQL	ng/Kg	
	1,2,3,7,8-PCDF	J	0.275	4.96	PQL	ng/Kg	
	2,3,4,6,7,8-HxCDF	JBQ	0.125	4.96	PQL	ng/Kg	
	2,3,4,7,8-PCDF	JBQ	0.171	4.96	PQL	ng/Kg	
	2,3,7,8-TCDF	JQ	0.0890	0.992	PQL	ng/Kg	
	OCDF	JB	1.12	9.92	PQL	ng/Kg	

Method: 6010C

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-713-SA5A-SB-0.0-0.5	BERYLLIUM	J	0.767	1.00	PQL	mg/Kg	J (all detects)
	BORON	J	3.61	10.0	PQL	mg/Kg	
	CADMIUM	J	0.140	1.00	PQL	mg/Kg	
	MOLYBDENUM	J	1.26	2.00	PQL	mg/Kg	
	TIN	J	2.72	10.0	PQL	mg/Kg	
	Zirconium	J	1.38	5.00	PQL	mg/Kg	
SL-713-SA5A-SB-2.5-3.5	BERYLLIUM	J	0.814	1.04	PQL	mg/Kg	J (all detects)
	BORON	J	2.91	10.4	PQL	mg/Kg	
	CADMIUM	J	0.174	1.04	PQL	mg/Kg	
	MOLYBDENUM	J	0.313	2.08	PQL	mg/Kg	
	TIN	J	3.33	10.4	PQL	mg/Kg	
	Zirconium	J	1.24	5.21	PQL	mg/Kg	
SL-719-SA5A-SB-0.0-0.5	ARSENIC	J	4.00	4.09	PQL	mg/Kg	J (all detects)
	BERYLLIUM	J	0.369	1.02	PQL	mg/Kg	
	BORON	J	2.00	10.2	PQL	mg/Kg	
	CADMIUM	J	0.241	1.02	PQL	mg/Kg	
	MOLYBDENUM	J	0.473	2.05	PQL	mg/Kg	
	TIN	J	2.54	10.2	PQL	mg/Kg	
SL-720-SA5A-SB-0.0-0.5	ARSENIC	J	4.04	4.05	PQL	mg/Kg	J (all detects)
	BERYLLIUM	J	0.432	1.01	PQL	mg/Kg	
	BORON	J	2.24	10.1	PQL	mg/Kg	
	CADMIUM	J	0.197	1.01	PQL	mg/Kg	
	MOLYBDENUM	J	0.326	2.02	PQL	mg/Kg	
	SODIUM	J	71.8	101	PQL	mg/Kg	
	TIN	J	2.58	10.1	PQL	mg/Kg	
SL-724-SA5A-SB-0.0-0.5	BERYLLIUM	J	0.535	1.00	PQL	mg/Kg	J (all detects)
	BORON	J	2.78	10.0	PQL	mg/Kg	
	CADMIUM	J	0.304	1.00	PQL	mg/Kg	
	MOLYBDENUM	J	0.326	2.00	PQL	mg/Kg	
	SODIUM	J	79.3	100	PQL	mg/Kg	
	TIN	J	2.50	10.0	PQL	mg/Kg	

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

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ADR version 1.7.0.207

Page 4 of 6

Reporting Limit Outliers

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PH135_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 6010C

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-738-SA5A-SB-0.0-0.5	BORON	J	3.97	10.6	PQL	mg/Kg	J (all detects)
	CADMIUM	J	0.201	1.06	PQL	mg/Kg	
	MOLYBDENUM	J	0.524	2.12	PQL	mg/Kg	
	SODIUM	J	90.9	106	PQL	mg/Kg	
	TIN	J	3.01	10.6	PQL	mg/Kg	
	Zirconium	J	1.50	5.29	PQL	mg/Kg	
SL-738-SA5A-SB-3.0-4.0	BORON	J	3.41	10.7	PQL	mg/Kg	J (all detects)
	CADMIUM	J	0.198	1.07	PQL	mg/Kg	
	MOLYBDENUM	J	0.557	2.15	PQL	mg/Kg	
	TIN	J	4.09	10.7	PQL	mg/Kg	
	Zirconium	J	1.70	5.37	PQL	mg/Kg	
SL-767-SA5A-SB-0.0-0.5	BERYLLIUM	J	0.590	1.02	PQL	mg/Kg	J (all detects)
	BORON	J	4.81	10.2	PQL	mg/Kg	
	CADMIUM	J	0.373	1.02	PQL	mg/Kg	
	MOLYBDENUM	J	0.513	2.04	PQL	mg/Kg	
	SODIUM	J	78.9	102	PQL	mg/Kg	
	TIN	J	2.85	10.2	PQL	mg/Kg	
	Zirconium	J	1.74	5.10	PQL	mg/Kg	
SL-767-SA5A-SB-2.5-3.5	BERYLLIUM	J	0.586	1.02	PQL	mg/Kg	J (all detects)
	BORON	J	4.26	10.2	PQL	mg/Kg	
	CADMIUM	J	0.328	1.02	PQL	mg/Kg	
	MOLYBDENUM	J	0.498	2.05	PQL	mg/Kg	
	SODIUM	J	77.4	102	PQL	mg/Kg	
	TIN	J	2.97	10.2	PQL	mg/Kg	
	Zirconium	J	1.66	5.11	PQL	mg/Kg	

Method: 6020A

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-713-SA5A-SB-0.0-0.5	SILVER	J	0.0444	0.200	PQL	mg/Kg	J (all detects)
SL-713-SA5A-SB-2.5-3.5	SELENIUM	J	0.105	0.417	PQL	mg/Kg	J (all detects)
SL-719-SA5A-SB-0.0-0.5	SILVER	J	0.163	0.205	PQL	mg/Kg	J (all detects)
SL-720-SA5A-SB-0.0-0.5	SELENIUM	J	0.123	0.405	PQL	mg/Kg	J (all detects)
SL-724-SA5A-SB-0.0-0.5	SELENIUM	J	0.136	0.400	PQL	mg/Kg	J (all detects)
SL-738-SA5A-SB-0.0-0.5	SELENIUM	J	0.294	0.423	PQL	mg/Kg	J (all detects)
	SILVER	J	0.0840	0.212	PQL	mg/Kg	
SL-738-SA5A-SB-3.0-4.0	SELENIUM	J	0.257	0.430	PQL	mg/Kg	J (all detects)
SL-767-SA5A-SB-0.0-0.5	SELENIUM	J	0.129	0.408	PQL	mg/Kg	J (all detects)
	SILVER	J	0.110	0.204	PQL	mg/Kg	
SL-767-SA5A-SB-2.5-3.5	SELENIUM	J	0.109	0.409	PQL	mg/Kg	J (all detects)
	SILVER	J	0.0456	0.205	PQL	mg/Kg	

Reporting Limit Outliers

Lab Reporting Batch ID: PH135

Laboratory: LL

EDD Filename: PH135_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 7471B

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-713-SA5A-SB-0.0-0.5	MERCURY	J	0.0159	0.0163	PQL	mg/Kg	J (all detects)
SL-713-SA5A-SB-2.5-3.5	MERCURY	J	0.0134	0.0166	PQL	mg/Kg	J (all detects)
SL-724-SA5A-SB-0.0-0.5	MERCURY	J	0.0110	0.0161	PQL	mg/Kg	J (all detects)
SL-767-SA5A-SB-0.0-0.5	MERCURY	J	0.0104	0.0170	PQL	mg/Kg	J (all detects)
SL-767-SA5A-SB-2.5-3.5	MERCURY	J	0.0111	0.0166	PQL	mg/Kg	J (all detects)

Method: 8015B

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-719-SA5A-SB-0.0-0.5	m-Terphenyl	J	0.11	0.18	PQL	mg/Kg	J (all detects)

Method: 8015M

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-724-SA5A-SB-0.0-0.5	EFH (C21-C30)	J	2.0	5.0	PQL	mg/Kg	J (all detects)
	EFH (C30-C40)	J	5.3	10	PQL	mg/Kg	
SL-738-SA5A-SB-0.0-0.5	EFH (C30-C40)	J	5.0	11	PQL	mg/Kg	J (all detects)
SL-767-SA5A-SB-2.5-3.5	EFH (C21-C30)	J	4.1	5.1	PQL	mg/Kg	J (all detects)

Method: 8270D SIM

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-719-SA5A-SB-0.0-0.5	CHRYSENE	J	0.64	1.7	PQL	ug/Kg	J (all detects)
	FLUORANTHENE	J	0.82	1.7	PQL	ug/Kg	
	NAPHTHALENE	J	0.85	1.7	PQL	ug/Kg	
	PHENANTHRENE	J	1.2	1.7	PQL	ug/Kg	
	PYRENE	J	0.74	1.7	PQL	ug/Kg	

Enclosure II

EPA Level IV Data Validation Reports

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: Santa Susana Field Laboratory
Collection Date: November 26, 2013
LDC Report Date: February 10, 2014
Matrix: Soil/Water
Parameters: Semivolatiles
Validation Level: Level IV
Laboratory: Eurofins Lancaster Laboratories
Sample Delivery Group (SDG): PH135

Sample Identification

SL-713-SA5A-SB-0.0-0.5
SL-713-SA5A-SB-2.5-3.5
SL-719-SA5A-SB-0.0-0.5
SL-720-SA5A-SB-0.0-0.5
SL-724-SA5A-SB-0.0-0.5
SL-738-SA5A-SB-0.0-0.5
SL-738-SA5A-SB-3.0-4.0
SL-767-SA5A-SB-0.0-0.5
SL-767-SA5A-SB-2.5-3.5
EB1-112613
EB2-112613

Introduction

This data review covers 9 soil samples and 2 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8270D using Selected Ion Monitoring (SIM) for Semivolatiles.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals. All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard.

Percent relative standard deviations (%RSD) were less than or equal to 30.0% for all compounds.

Average relative response factors (RRF) for all compounds were within method and validation criteria.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

Percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were within the method criteria of less than or equal to 20.0% for calibration check compounds (CCCs) and 25.0% for all other compounds with the following exceptions:

Date	Compound	%D	Associated Samples	Flag	A or P
12/14/13	Di-n-octylphthalate	29	SL-713-SA5A-SB-0.0-0.5 SBLKE338	J (all detects) UJ (all non-detects)	A

The percent differences (%D) of the second source calibration standard were less than or equal to 25.0% for all compounds.

All of the continuing calibration relative response factors (RRF) were within method and validation criteria.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No semivolatile contaminants were found in the method with the following exceptions:

Method Blank ID	Extraction Date	Compound TIC (RT in minutes)	Concentration	Associated Samples
SBLKWC332	11/30/13	Di-n-butylphthalate Bis(2-ethylhexyl)phthalate	0.053 ug/L 0.093 ug/L	EB2-112613
SBLKWC336	12/2/13	Bis(2-ethylhexyl)phthalate	0.13 ug/L	EB1-112613

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>10X for common contaminants, >5X for other contaminants) than the concentrations found in the associated method blanks with the following exceptions:

Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
EB2-112613	Di-n-butylphthalate Bis(2-ethylhexyl)phthalate	0.20 ug/L 0.079 ug/L	1.1U ug/L 1.1U ug/L
EB1-112613	Bis(2-ethylhexyl)phthalate	0.29 ug/L	1.0U ug/L

Samples EB1-112613 and EB2-112613 were identified as equipment blanks. No semivolatile contaminants were found with the following exceptions:

Blank ID	Sampling Date	Compound	Concentration	Associated Samples
EB1-112613	11/26/13	Di-n-butylphthalate Diethylphthalate Bis(2-ethylhexyl)phthalate 1-Methylnaphthalene 2-Methylnaphthalene Naphthalene	0.24 ug/L 0.44 ug/L 0.29 ug/L 0.010 ug/L 0.012 ug/L 0.031 ug/L	All soil samples in SDG PH135
EB2-112613	11/26/13	Di-n-butylphthalate Diethylphthalate Bis(2-ethylhexyl)phthalate 2-Methylnaphthalene	0.20 ug/L 0.35 ug/L 0.079 ug/L 0.011 ug/L	No associated samples in this SDG

Sample FB-041613 (from SDG PH032) was identified as a field blank. No semivolatile contaminants were found with the following exceptions:

Blank ID	Sampling Date	Compound	Concentration	Associated Samples
FB-041613	4/16/13	Di-n-butylphthalate Bis(2-ethylhexyl)phthalate 2-Methylnaphthalene	0.11 ug/L 1.0 ug/L 0.012 ug/L	All soil samples in SDG PH135

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>10X for common contaminants, >5X for other contaminants) than the concentrations found in the associated method blanks.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
336WCLCS/D (EB1-112613 SBLKW336)	Bis(2-ethylhexyl)phthalate	148 (70-143)	146 (70-143)	-	J (all detects)	P

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits.

XI. Target Compound Identifications

All target compound identifications were within validation criteria.

XII. Compound Quantitation

All compound quantitation were within validation criteria.

All compounds reported below the RL were qualified as follows:

Sample	Finding	Flag	A or P
All samples in SDG PH135	All compounds reported below the RL.	J (all detects)	A

XIII. Tentatively Identified Compounds (TICs)

Tentatively identified compounds were not reported by the laboratory.

XIV. System Performance

The system performance was acceptable.

XV. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in this SDG.

Santa Susana Field Laboratory
Semivolatiles - Data Qualification Summary - SDG PH135

SDG	Sample	Compound	Flag	A or P	Reason (Code)
PH135	SL-713-SA5A-SB-0.0-0.5	Di-n-octylphthalate	J (all detects) UJ (all non-detects)	A	Continuing calibration (%D) (C)
PH135	EB1-112613	Bis(2-ethylhexyl)phthalate	J (all detects)	P	Laboratory control samples (%R) (L)
PH135	SL-713-SA5A-SB-0.0-0.5 SL-713-SA5A-SB-2.5-3.5 SL-719-SA5A-SB-0.0-0.5 SL-720-SA5A-SB-0.0-0.5 SL-724-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-3.0-4.0 SL-767-SA5A-SB-0.0-0.5 SL-767-SA5A-SB-2.5-3.5 EB1-112613 EB2-112613	All compounds reported below the RL.	J (all detects)	A	Compound quantitation (Z)

Santa Susana Field Laboratory
Semivolatiles - Laboratory Blank Data Qualification Summary - SDG PH135

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P	Code
PH135	EB2-112613	Di-n-butylphthalate Bis(2-ethylhexyl)phthalate	1.1U ug/L 1.1U ug/L	A	B
PH135	EB1-112613	Bis(2-ethylhexyl)phthalate	1.0U ug/L	A	B

Santa Susana Field Laboratory
Semivolatiles - Field Blank Data Qualification Summary - SDG PH135

No Sample Data Qualified in this SDG

LDC #: 31212E2b **VALIDATION COMPLETENESS WORKSHEET**

SDG #: PH135

Level IV

Laboratory: Eurofins Lancaster Laboratories

Date: 2/5/14

Page: 1 of 1

Reviewer: BR

2nd Reviewer: SM

METHOD: GC/MS Polynuclear Aromatic Hydrocarbons (EPA SW 846 Method 8270C-SIM)

SVOCs

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 11/26/13
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	A	RSD ≤ 30%
IV.	Continuing calibration/ICV	SW	101/CCV ≤ 25%
V.	Blanks	SW	
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	N	Client spec.
VIII.	Laboratory control samples	SW	LCSD
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	A	
XII.	Compound quantitation/RI/LOQ/LODs	A	
XIII.	Tentatively identified compounds (TICs)	N	
XIV.	System performance	A	
XV.	Overall assessment of data	A	
XVI.	Field duplicates	N	
XVII.	Field blanks	SW	EB = 10, 11 FB = FB-04/13 (SD6#)

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

PH1327

Validated Samples: Soil + Water

1	SL-713-SA5A-SB-0.0-0.5	11	EB2-112613 W	21		31	1	SB LK 1338
2	SL-713-SA5A-SB-2.5-3.5	12		22		32	2	SB LK WC 332
3	SL-719-SA5A-SB-0.0-0.5	13		23		33	3	SB LK WC 336
4	SL-720-SA5A-SB-0.0-0.5	14		24		34		
5	SL-724-SA5A-SB-0.0-0.5	15		25		35		
6	SL-738-SA5A-SB-0.0-0.5	16		26		36		
7	SL-738-SA5A-SB-3.0-4.0	17		27		37		
8	SL-767-SA5A-SB-0.0-0.5	18		28		38		
9	SL-767-SA5A-SB-2.5-3.5	19		29		39		
10	EB1-112613 W	20		30		40		

Method: Semivolatiles (EPA SW 846 Method 8270D)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	/			
Cooler temperature criteria was met.	/			
II. GC/MS Instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	/			
Were all samples analyzed within the 12 hour clock criteria?	/			
III. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	/			
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	/			
Was a curve fit used for evaluation?		/		
Did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990 ?			/	
Were all percent relative standard deviations (%RSD) $\leq 30\%$ and relative response factors (RRF) > 0.05 ?	/			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	/			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	/			
Were all percent differences (%D) $\leq 25\%$ and relative response factors (RRF) ≥ 0.05 ?		/		
V. Blanks				
Was a method blank associated with every sample in this SDG?	/			
Was a method blank analyzed for each matrix and concentration?	/			
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.	/			
VI. Surrogate spikes				
Were all surrogate %R within QC limits?	/			
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			/	
If any %R was less than 10 percent, was a reanalysis performed to confirm %R?			/	
VII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.		/		
Was a MS/MSD analyzed every 20 samples of each matrix?			/	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			/	
VIII. Laboratory control samples				
Was an LCS analyzed for this SDG?	/			

Validation Area	Yes	No	NA	Findings/Comments
Was an LCS analyzed per extraction batch?	☒	☐	☐	
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	☒	☐	☐	
IX. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?	☐	☒	☐	
Were the performance evaluation (PE) samples within the acceptance limits?	☐	☐	☒	
X. Internal standards				
Were internal standard area counts within -50% or +100% of the associated calibration standard?	☒	☐	☐	
Were retention times within + 30 seconds from the associated calibration standard?	☒	☐	☐	
XI. Target compound identification				
Were relative retention times (RRT's) within + 0.06 RRT units of the standard?	☒	☐	☐	
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	☒	☐	☐	
Were chromatogram peaks verified and accounted for?	☒	☐	☐	
XII. Compound quantitation/RLs				
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?	☒	☐	☐	
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	☒	☐	☐	
XIII. Tentatively identified compounds (TICs)				
Were the major ions (> 10 percent relative intensity) in the reference spectrum evaluated in sample spectrum?	☐	☐	☒	
Were relative intensities of the major ions within $\pm 20\%$ between the sample and the reference spectra?	☐	☐	☒	
Did the raw data indicate that the laboratory performed a library search for all required peaks in the chromatograms (samples and blanks)?	☐	☒	☐	
XIV. System performance				
System performance was found to be acceptable.	☒	☐	☐	
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	☒	☐	☐	
XVI. Field duplicates				
Field duplicate pairs were identified in this SDG.	☐	☒	☐	
Target compounds were detected in the field duplicates.	☐	☐	☒	
XVII. Field blanks				
Field blanks were identified in this SDG.	☒	☐	☐	
Target compounds were detected in the field blanks.	☒	☐	☐	

VALIDATION FINDINGS WORKSHEET

METHOD: GC/MS SVOA

A. Phenol	T. 4-Chloroaniline	MM. 4-Chlorophenyl-phenyl ether	FFF. Di-n-octylphthalate	YYY. 2,3,5-Trimethylnaphthalene
B. Bis (2-chloroethyl) ether	U. Hexachlorobutadiene	NN. Fluorene	GGG. Benzo(b)fluoranthene	ZZZ. Perylene
C. 2-Chlorophenol	V. 4-Chloro-3-methylphenol	OO. 4-Nitroaniline	HHH. Benzo(k)fluoranthene	AAAA. Dibenzothiophene
D. 1,3-Dichlorobenzene	W. 2-Methylnaphthalene	PP. 4,6-Dinitro-2-methylphenol	III. Benzo(a)pyrene	BBBB. Benzo(a)fluoranthene
E. 1,4-Dichlorobenzene	X. Hexachlorocyclopentadiene	QQ. N-Nitrosodiphenylamine	JJJ. Indeno(1,2,3-cd)pyrene	CCCC. Benzo(b)fluorene
F. 1,2-Dichlorobenzene	Y. 2,4,6-Trichlorophenol	RR. 4-Bromophenyl-phenylether	KKK. Dibenzo(a,h)anthracene	DDDD. cis/trans-Decalin
G. 2-Methylphenol	Z. 2,4,5-Trichlorophenol	SS. Hexachlorobenzene	LLL. Benzo(g,h,i)perylene	EEEE. Biphenyl
H. 2,2'-Oxybis(1-chloropropane)	AA. 2-Chloronaphthalene	TT. Pentachlorophenol	MMM. Bis(2-Chloroisopropyl)ether	FFFF. Retene
I. 4-Methylphenol	BB. 2-Nitroaniline	UU. Phenanthrene	NNN. Aniline	GGGG. C30-Hopane
J. N-Nitroso-di-n-propylamine	CC. Dimethylphthalate	VV. Anthracene	OOO. N-Nitrosodimethylamine	HHHH. 1-Methylphenanthrene
K. Hexachloroethane	DD. Acenaphthylene	WW. Carbazole	PPP. Benzoic Acid	IIII. 1,4-Dioxane
L. Nitrobenzene	EE. 2,6-Dinitrotoluene	XX. Di-n-butylphthalate	QQQ. Benzyl alcohol	JJJJ. Acetophenone
M. Isophorone	FF. 3-Nitroaniline	YY. Fluoranthene	RRR. Pyridine	KKKK. Atrazine
N. 2-Nitrophenol	GG. Acenaphthene	ZZ. Pyrene	SSS. Benzidine	LLLL. Benzaldehyde
O. 2,4-Dimethylphenol	HH. 2,4-Dinitrophenol	AAA. Butylbenzylphthalate	TTT. 1-Methylnaphthalene	MMMM. Caprolactam
P. Bis(2-chloroethoxy)methane	II. 4-Nitrophenol	BBB. 3,3'-Dichlorobenzidine	UUU. Benzo(b)thiophene	NNNN.
Q. 2,4-Dichlorophenol	JJ. Dibenzofuran	CCC. Benzo(a)anthracene	VVV. Benzonaphthothiophene	OOOO.
R. 1,2,4-Trichlorobenzene	KK. 2,4-Dinitrotoluene	DDD. Chrysene	WWW. Benzo(e)pyrene	PPPP.
S. Naphthalene	LL. Diethylphthalate	EEE. Bis(2-ethylhexyl)phthalate	XXX. 2,6-Dimethylnaphthalene	QQQQ.

LDC #: 31212E24

VALIDATION FINDINGS WORKSHEET

Page: 1 of 1

Reviewer: BR

2nd Reviewer: _____

METHOD: GC/MS BNA (EPA SW 846 Method 8270D)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours of sample analysis for each instrument?

YN N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?

Y	N	N/A	Were all %D and RRFs within the validation criteria of ≤ 25 %D and ≥ 0.05 RRF ?
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[illegible]

VALIDATION FINDINGS WORKSHEET

Blanks

METHOD: GC/MS BNA (EPA SW 846 Method 8270D)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

- ☒ Y ☐ N ☐ N/A Was a method blank analyzed for each matrix?
☒ Y ☐ N ☐ N/A Was a method blank analyzed for each concentration preparation level?
☒ Y ☐ N ☐ N/A Was a method blank associated with every sample?
☒ Y ☐ N ☐ N/A Was the blank contaminated? If yes, please see qualification below.

Glc: B

Blank extraction date: 11/30/13 Blank analysis date: 12/1/13Conc. units: mg/LAssociated Samples: 11

Compound	Blank ID	Sample Identification							
	SBLKWC332	10x		11					
XX	0.053	0.53		0.20/1.1u					
EEE	0.043	0.93		0.079/1.1u					

Blank extraction date: 12/2/13 Blank analysis date: 12/3/13Conc. units: mg/LAssociated Samples: 12^{hr} 10

Glc: B

Compound	Blank ID	Sample Identification							
	SBLKWC334	10							
EEE	0.13	0.29/1.0u							

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:

Common contaminants such as the phthalates and TICs noted above that were detected in samples within ten times the associated method blank concentration were qualified as not detected, "U". Other contaminants within five times the method blank concentration were also qualified as not detected, "U".

LDC #: 3/2/2026

VALIDATION FINDINGS WORKSHEET

Page: 1 of 2

Field Blanks

Reviewer: BR2nd Reviewer: BR

METHOD: GC/MS BNA (EPA SW 846 Method 8270D)

Y/N N/A Were field blanks identified in this SDG?

Y/N N/A Were target compounds detected in the field blanks?

Blank units: ug/L Associated sample units: ug/kgSampling date: 4/16/13Field blank type: (circle one) Field Blank / Rinsate / Other: Field Blank Associated Samples: All soil (ND)

Compound	Blank ID		Sample Identification							
	FB	5X / 10X								
XX	0.11	1.1								
EEE	1.0	10								
W	0.012	0.06								

Blank units: ug/L Associated sample units: ug/kgSampling date: 11/26/13Field blank type: (circle one) Field Blank / Rinsate / Other: Other Associated Samples: All soil (ND + 75X)

Compound	Blank ID		Sample Identification							
	10									
XX	0.24	2.4								
LL	0.44	4.4								
EEE	0.29	2.9								
TTT	0.010	0.05								
W	0.012	0.06								
S	0.031	0.155								

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:

Common contaminants such as the phthalates and TICs noted above that were detected in samples within ten times the associated field blank concentration were qualified as not detected, "U". Other contaminants within five times the field blank concentration were also qualified as not detected, "U".

LDC #: 31212E26

VALIDATION FINDINGS WORKSHEET

Field Blanks

Page: 2 of 2Reviewer: BR2nd Reviewer: pu

METHOD: GC/MS BNA (EPA SW 846 Method 8270D)

☒ Y ☐ N ☐ N/A Were field blanks identified in this SDG?☒ Y ☐ N ☐ N/A Were target compounds detected in the field blanks?Blank units: ug/L Associated sample units: ug/LSampling date: 11/26/13Field blank type: (circle one) Field Blank / Rinsate / Other ED Associated Samples: None

Compound	Blank ID	Sample Identification							
	<u>11</u>								
<u>XX</u>	<u>0.20</u>								
<u>LL</u>	<u>0.35</u>								
<u>EEE</u>	<u>0.079</u>								
<u>W</u>	<u>0.011</u>								

Blank units: _____ Associated sample units: _____

Sampling date: _____

Field blank type: (circle one) Field Blank / Rinsate / Other: _____ Associated Samples: _____

Compound	Blank ID	Sample Identification							

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:

Common contaminants such as the phthalates and TICs noted above that were detected in samples within ten times the associated field blank concentration were qualified as not detected, "U". Other contaminants within five times the field blank concentration were also qualified as not detected, "U".

LDC #: 31212E26

VALIDATION FINDINGS WORKSHEET

Laboratory Control Samples (LCS)

Page: 1 of 1

Reviewer: BR

2nd Reviewer: cu

METHOD: GC/MS BNA (EPA SW 846 Method 8270D)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a LCS required?

Y N N/A Were the LCS/LCSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?

[illegible]

LDC #: 31212E2b

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 2
Reviewer: BR
2nd Reviewer: su

METHOD: GC/MS SVOA (EPA SW 846 Method 8270DSIM)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$$RRF = (A_x)(C_{is}) / (A_{is})(C_x)$$

average RRF = sum of the RRFs/number of standards

$$\%RSD = 100 * (S/X)$$

 A_x = Area of Compound C_x = Concentration of compound,

S= Standard deviation of the RRFs,

 A_{is} = Area of associated internal standard C_{is} = Concentration of internal standard

X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (1 std)	Recalculated RRF (1 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	HP10976	12/3/2013	N-Nitrosodimethylamine (IS1)	1.188	1.188	1.169	1.169	3	3
			Naphthalene (IS2)	1.027	1.027	1.024	1.025	2	2
			Fluorene (IS3)	1.265	1.265	1.259	1.258	2	2
			Anthracene (IS4)	1.080	1.080	1.080	1.080	4	4
			Chrysene (IS5)	1.113	1.113	1.100	1.100	1	1
			Benzo(a)pyrene (IS6)	1.129	1.129	1.106	1.106	3	3

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212E2b**VALIDATION FINDINGS WORKSHEET**
Initial Calibration Calculation VerificationPage: 2 of 2
Reviewer: BR
2nd Reviewer: SM

METHOD: GC/MS SVOA (EPA SW 846 Method 8270DSIM)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$$RRF = (A_x)(C_{is}) / (A_{is})(C_x)$$

average RRF = sum of the RRFs/number of standards

$$\%RSD = 100 * (S/X)$$

 A_x = Area of Compound C_x = Concentration of compound,

S= Standard deviation of the RRFs,

 A_{is} = Area of associated internal standard C_{is} = Concentration of internal standard

X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (1 std)	Recalculated RRF (1 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	HP18444	11/23/2013	N-Nitrosodimethylamine (IS1)	1.118	1.118	1.042	1.042	8	8
			Naphthalene (IS2)	1.074	1.074	1.060	1.060	1	1
			Fluorene (IS3)	1.368	1.368	1.338	1.338	2	2
			Anthracene (IS4)	1.207	1.207	1.172	1.172	2	2
			Chrysene (IS5)	1.191	1.191	1.249	1.249	7	7
			Benzo(a)pyrene (IS6)	1.192	1.192	1.183	1.183	5	5

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC# 31212E2b

VALIDATION FINDINGS WORKSHEET **Continuing Calibration Results Verification**

Page: 1 of 4

Reviewer: BR

2nd Reviewer: SM

METHOD: GC/MS SVOA (EPA SW 846 Method 8270DSIM)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

$$\% \text{ Difference} = 100 * (\text{ave. RRF} - \text{RRF}) / \text{ave. RRF}$$

$$\text{RRF} = (\text{Ax})(\text{Cis}) / (\text{Ais})(\text{Cx})$$

Where:

ave. RRF = initial calibration average RRF

RRF = continuing calibration RRF

Ax = Area of compound

Cx = Concentration of compound

Ais = Area of associated internal standard

Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial RRF)	Reported (CC RRF)	Recalculated (CC RRF)	Reported %D	Recalculated %D
1	IL10401	12/14/13	N-Nitrosodimethylamine (IS1)	1.169	1.232	1.232	5	5
			Naphthalene (IS2)	1.024	1.030	1.030	1	1
			Fluorene (IS3)	1.259	1.276	1.276	1	1
			Anthracene (IS4)	1.080	1.086	1.086	1	1
			Chrysene (IS5)	1.100	1.180	1.180	7	7
			Benzo(a)pyrene (IS6)	1.106	1.144	1.144	3	3

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

VALIDATION FINDINGS WORKSHEET **Continuing Calibration Results Verification**

METHOD: GC/MS SVOA (EPA SW 846 Method 8270DSIM)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

$$\% \text{ Difference} = 100 * (\text{ave. RRF} - \text{RRF}) / \text{ave. RRF}$$

$$\text{RRF} = (\text{Ax})(\text{Cis}) / (\text{Ais})(\text{Cx})$$

Where:

ave. RRF = initial calibration average RRF

RRF = continuing calibration RRF

Ax = Area of compound

Cx = Concentration of compound

Ais = Area of associated internal standard

Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial RRF)	Reported (CC RRF)	Recalculated (CC RRF)	Reported %D	Recalculated %D
1	IL10441	12/16/13	N-Nitrosodimethylamine (IS1)	1.169	1.225	1.225	5	5
			Naphthalene (IS2)	1.024	1.034	1.034	1	1
			Fluorene (IS3)	1.259	1.296	1.296	3	3
			Anthracene (IS4)	1.080	1.113	1.113	3	3
			Chrysene (IS5)	1.100	1.159	1.159	5	5
			Benzo(a)pyrene (IS6)	1.106	1.132	1.132	2	2

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC# 31212E2b

VALIDATION FINDINGS WORKSHEET **Continuing Calibration Results Verification**

Page: 3 of 4
 Reviewer: BR
 2nd Reviewer: SM

METHOD: GC/MS SVOA (EPA SW 846 Method 8270DSIM)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

$$\% \text{ Difference} = 100 * (\text{ave. RRF} - \text{RRF}) / \text{ave. RRF}$$

$$\text{RRF} = (\text{Ax})(\text{Cis}) / (\text{Ais})(\text{Cx})$$

Where:

ave. RRF = initial calibration average RRF

RRF = continuing calibration RRF

Ax = Area of compound

Cx = Concentration of compound

Ais = Area of associated internal standard

Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial RRF)	Reported (CC RRF)	Recalculated (CC RRF)	Reported %D	Recalculated %D
1	b10001	12/01/13	N-Nitrosodimethylamine (IS1)	1.042	0.959	0.959	8	8
			Naphthalene (IS2)	1.060	1.038	1.038	2	2
			Fluorene (IS3)	1.338	1.372	1.372	3	3
			Anthracene (IS4)	1.172	1.214	1.214	4	4
			Chrysene (IS5)	1.249	1.210	1.210	3	3
			Benzo(a)pyrene (IS6)	1.183	1.173	1.173	1	1

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC# 31212E2b

VALIDATION FINDINGS WORKSHEET **Continuing Calibration Results Verification**

Page: 4 of 4
 Reviewer: BR
 2nd Reviewer: Sm

METHOD: GC/MS SVOA (EPA SW 846 Method 8270DSIM)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

$$\% \text{ Difference} = 100 * (\text{ave. RRF} - \text{RRF}) / \text{ave. RRF}$$

$$\text{RRF} = (\text{Ax})(\text{Cis}) / (\text{Ais})(\text{Cx})$$

Where:

ave. RRF = initial calibration average RRF

RRF = continuing calibration RRF

Ax = Area of compound

Cx = Concentration of compound

Ais = Area of associated internal standard

Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial RRF)	Reported (CC RRF)	Recalculated (CC RRF)	Reported %D	Recalculated %D
1	b10031	12/03/13	N-Nitrosodimethylamine (IS1)	1.042	0.988	0.988	5	5
			Naphthalene (IS2)	1.060	1.033	1.033	2	2
			Fluorene (IS3)	1.338	1.363	1.363	2	2
			Anthracene (IS4)	1.172	1.212	1.212	3	3
			Chrysene (IS5)	1.249	1.209	1.209	3	3
			Benzo(a)pyrene (IS6)	1.183	1.181	1.181	0	0

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

Surrogate Results Verification

Reviewer: BR
2nd reviewer: SM

METHOD: GC/MS Semivolatiles (EPA SW 846 Method 8270D)

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate Spiked

Sample ID: 10

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	Fluoranthene-d10 0.25	0.221	88	88	0
2-Fluorobiphenyl	Benzo(a)pyrene-d12	0.219	88	88	0
Terphenyl-d14	1-methylmethylthalene-d10	0.226	90	90	0
Phenol-d5					
2-Fluorophenol					
2,4,6-Tribromophenol					
2-Chlorophenol-d4					
1,2-Dichlorobenzene-d4					

Sample ID: 1

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	Fluoranthene-d10 1.50	0.805	80	80.5	0.5
2-Fluorobiphenyl	Benzo(a)pyrene-d12	0.836	84	84	84
Terphenyl-d14	1-methylmethylthalene-d10	0.894	89	89	89
Phenol-d5					
2-Fluorophenol					
2,4,6-Tribromophenol					
2-Chlorophenol-d4					
1,2-Dichlorobenzene-d4					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5					
2-Fluorobiphenyl					
Terphenyl-d14					
Phenol-d5					
2-Fluorophenol					
2,4,6-Tribromophenol					
2-Chlorophenol-d4					
1,2-Dichlorobenzene-d4					

Laboratory Control Sample/Laboratory Control Sample Duplicates Results VerificationReviewer: BR2nd Reviewer: sh

METHOD: GC/MS BNA (EPA SW 846 Method 8270D)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = $100 * (SC/SA)$

Where: SSC = Spike concentration
SA = Spike added

RPD = $|LCSC - LCSDC| * 2 / (LCSC + LCSDC)$

LCSC = Laboratory control sample concentration LCSDC = Laboratory control sample duplicate concentration

LCS/LCSD samples: 338 LILCS

Compound	Spike Added (ug/kg)		Spike Concentration (ug/kg)		LCS		LCSD		LCS/LCSD	
					Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc	Reported	Recalc	Reported	Recalculated
Phenol										
N-Nitroso-di-n-propylamine										
4-Chloro-3-methylphenol										
Acenaphthene	33.33	—	34.06	—	102	102	—	—	—	—
Pentachlorophenol										
Pyrene	33.33	—	37.34	—	112	112	—	—	—	—

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

METHOD: GC/MS BNA (EPA SW 846 Method 8270D)

Y	N	N/A
Y	N	N/A

Were all reported results recalculated and verified for all level IV samples?

Were all recalculated results for detected target compounds agree within 10.0% of the reported results?

$$\text{Concentration} = \frac{(A_s)(I_s)(V_i)(DF)(2.0)}{(A_s)(RRF)(V_o)(V_i)(\%S)}$$

A_x = Area of the characteristic ion (EICP) for the compound to be measured

A_{is} = Area of the characteristic ion (EICP) for the specific internal standard

I_s = Amount of internal standard added in nanograms (ng)

V_o = Volume or weight of sample extract in milliliters (ml) or grams (g).

V_i = Volume of extract injected in microliters (ul)

V_1 = Volume of the concentrated extract in microliters (ul)

Df = Dilution Factor.

%S = Percent solids, applicable to soil and solid matrices only.

2.0 = Factor of 2 to account for GPC cleanup

Example:

Sample I.D. 3, DD

$$\text{Conc.} = \frac{(6367)(1.000)(100)(\quad)(\quad)}{(306053)(1.10)(30)(3)(0.97)}$$
$$= 0.643474233 \text{ kg/kg}$$
[illegible]

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: Santa Susana Field Laboratory
Collection Date: November 26, 2013
LDC Report Date: February 10, 2014
Matrix: Soil/Water
Parameters: Polychlorinated Biphenyls
Validation Level: Level IV
Laboratory: Eurofins Lancaster Laboratories
Sample Delivery Group (SDG): PH135

Sample Identification

SL-713-SA5A-SB-0.0-0.5
SL-713-SA5A-SB-2.5-3.5
SL-719-SA5A-SB-0.0-0.5
SL-720-SA5A-SB-0.0-0.5
SL-724-SA5A-SB-0.0-0.5
SL-738-SA5A-SB-0.0-0.5
SL-738-SA5A-SB-3.0-4.0
SL-767-SA5A-SB-0.0-0.5
SL-767-SA5A-SB-2.5-3.5
EB1-112613
EB2-112613

Introduction

This data review covers 9 soil samples and 2 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8082A for Polychlorinated Biphenyls.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance was acceptable unless noted otherwise under initial calibration and continuing calibration sections.

III. Initial Calibration

Initial calibration was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

Retention time windows were evaluated and considered technically acceptable.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) were less than or equal to 20.0% for all compounds with the following exceptions:

Date	Standard	Column	Compound	%D	Associated Samples	Affected Compound	Flag	A or P
12/4/13	AR163EF	ZB multiR2	Aroclor-1016 Aroclor-1260	22 25	EB1-112613 EB2-112613 PBLK08337	Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1260 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1262 Aroclor-1268	J (all detects) UJ (all non-detects)	A

The percent difference (%D) of the second source calibration standard were less than or equal to 20.0% for all compounds.

Retention times (RT) of all compounds in the calibration standards were within QC limits.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated biphenyl contaminants were found in the method blanks.

Samples EB1-112613 and EB2-112613 were identified as equipment blanks. No polychlorinated biphenyl contaminants were found.

Sample FB-041613 (from SDG PH032) was identified as a field blank. No polychlorinated biphenyl contaminants were found.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in this SDG.

XI. GPC Calibration

GPC cleanup was not required and therefore not performed in this SDG.

XII. Target Compound Identification

All target compound identifications were within validation criteria.

XIII. Compound Quantitation

All compound quantitations were within validation criteria.

All compounds reported below the RL were qualified as follows:

Sample	Finding	Flag	A or P
All samples in SDG PH135	All compounds reported below the RL.	J (all detects)	A

XIV. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XV. Field Duplicates

No field duplicates were identified in this SDG.

Santa Susana Field Laboratory
Polychlorinated Biphenyls - Data Qualification Summary - SDG PH135

SDG	Sample	Compound	Flag	A or P	Reason (Code)
PH135	EB1-112613 EB2-112613	Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1260 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1262 Aroclor-1268	J (all detects) UJ (all non-detects)	A	Continuing calibration (%D) (C)
PH135	SL-713-SA5A-SB-0.0-0.5 SL-713-SA5A-SB-2.5-3.5 SL-719-SA5A-SB-0.0-0.5 SL-720-SA5A-SB-0.0-0.5 SL-724-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-3.0-4.0 SL-767-SA5A-SB-0.0-0.5 SL-767-SA5A-SB-2.5-3.5 EB1-112613 EB2-112613	All compounds reported below the RL.	J (all detects)	A	Compound quantitation (Z)

Santa Susana Field Laboratory
Polychlorinated Biphenyls - Laboratory Blank Data Qualification Summary - SDG PH135

No Sample Data Qualified in this SDG

Santa Susana Field Laboratory
Polychlorinated Biphenyls - Field Blank Data Qualification Summary - SDG PH135

No Sample Data Qualified in this SDG

LDC #: 31212E3b

VALIDATION COMPLETENESS WORKSHEET

Date: 2/5/14

SDG #: PH135

Level IV

Page: 1 of 1

Laboratory: Eurofins Lancaster Laboratories

Reviewer: BK

2nd Reviewer: SM

METHOD: GC Polychlorinated Biphenyls (EPA SW 846 Method 8082A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 11/26/13
II.	GC/ECD Instrument Performance Check	N	
III.	Initial calibration	A	RSD ≤ 20%
IV.	Continuing calibration/ICV	SW	W CV ≤ 20%
V.	Blanks	A	
VI.	Surrogate spikes	ASW	
VII.	Matrix spike/Matrix spike duplicates	N	Client spec.
VIII.	Laboratory control samples	A	LCS/D
IX.	Regional quality assurance and quality control	N	
X.	Florisil cartridge check	N	
XI.	GPC Calibration	N	
XII.	Target compound identification	A	
XIII.	Compound quantitation/RL/LOQ/LODs	A	
XIV.	Overall assessment of data	A	
XV.	Field duplicates	N	
XVI.	Field blanks	ND	EB = 10, 11 FR = FB-041413

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

(SDG # PH135)

Validated Samples: Sbil

1	SL-713-SA5A-SB-0.0-0.5	112	EB2-112613	W	21	31	PBLK19339
2	SL-713-SA5A-SB-2.5-3.5	12			22	32	PBLK08337
3	SL-719-SA5A-SB-0.0-0.5	13			23	33	
4	SL-720-SA5A-SB-0.0-0.5	14			24	34	
5	SL-724-SA5A-SB-0.0-0.5	15			25	35	
6	SL-738-SA5A-SB-0.0-0.5	16			26	36	
7	SL-738-SA5A-SB-3.0-4.0	17			27	37	
8	SL-767-SA5A-SB-0.0-0.5	18			28	38	
9	SL-767-SA5A-SB-2.5-3.5	19			29	39	
10	EB1-112613	W			20	30	40

Notes:

Method: Pesticides/PCBs (EPA SW 846 Method 8081/8082)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	/			
Cooler temperature criteria was met.	/			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?			/	
III. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	/			
Was a linear fit used for evaluation? If yes, were all percent relative standard deviations (%RSD) $\leq 20\%$?	/			
Was a curve fit used for evaluation? If Yes, what was the acceptance criteria used?		/		
Did the initial calibration meet the curve fit acceptance criteria?			/	
Were the RT windows properly established?	/			
Were the required standard concentrations analyzed in the initial calibration?	/			
IV. Continuing calibration				
What type of continuing calibration calculation was performed? <u>X</u> %D or ___%R	/			
Were Evaluation mix standards analyzed prior to the initial calibration and sample analysis?			/	
Were endrin and 4,4'-DDT breakdowns $\leq 15\%$ for individual breakdown in the Evaluation mix standards?			/	
Was a continuing calibration analyzed daily?	/			
Were all percent differences (%D) $\leq 20\%$ or percent recoveries 80-120%?	/			
Were all the retention times within the acceptance windows?	/			
V. Blanks				
Was a method blank associated with every sample in this SDG?	/			
Was a method blank analyzed for each matrix and concentration?	/			
Were extract cleanup blanks analyzed with every batch requiring clean-up?			/	
Was there contamination in the method blanks or clean-up blanks? If yes, please see the Blanks validation completeness worksheet.		/		
VI. Surrogate spikes				
Were all surrogate %R within the QC limits?	/			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			/	

Validation Area	Yes	No	NA	Findings/Comments
If any %R was less than 10 percent, was a reanalysis performed to confirm %R?			☒	
VII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.		☒		
Was a MS/MSD analyzed every 20 samples of each matrix?			☒	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			☒	
VIII. Laboratory control samples				
Was an LCS analyzed for this SDG?	☒			
Was an LCS analyzed per extraction batch?	☒			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	☒			
IX. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?		☒		
Were the performance evaluation (PE) samples within the acceptance limits?			☒	
X. Target compound identification				
Were the retention times of reported detects within the RT windows?	☒			
XI. Compound quantitation/CRQLs				
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	☒			
XII. System performance				
System performance was found to be acceptable.	☒			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	☒			
XIV. Field duplicates				
Field duplicate pairs were identified in this SDG.		☒		
Target compounds were detected in the field duplicates.			☒	
XV. Field blanks				
Field blanks were identified in this SDG.	☒			
Target compounds were detected in the field blanks.		☒		

VALIDATION FINDINGS WORKSHEET

METHOD: Pesticide/PCBs (EPASW 846 Method 8081/8082)

A. alpha-BHC	I. Dieldrin	Q. Endrin ketone	Y. Aroclor-1242	GG. Chlordane
B. beta-BHC	J. 4,4'-DDE	R. Endrin aldehyde	Z. Aroclor-1248	HH. Chlordane (Technical)
C. delta-BHC	K. Endrin	S. alpha-Chlordane	AA. Aroclor-1254	II. Aroclor 1262
D. gamma-BHC	L. Endosulfan II	T. gamma-Chlordane	BB. Aroclor-1260	JJ. Aroclor 1268
E. Heptachlor	M. 4,4'-DDD	U. Toxaphene	CC. 2,4'-DDD	KK. Oxychlordane
F. Aldrin	N. Endosulfan sulfate	V. Aroclor-1016	DD. 2,4'-DDE	LL. trans-Nonachlor
G. Heptachlor epoxide	O. 4,4'-DDT	W. Aroclor-1221	EE. 2,4'-DDT	MM. cis-Nonachlor
H. Endosulfan I	P. Methoxychlor	X. Aroclor-1232	FF. Hexachlorobenzene	NN.

Notes: _____

LDC #: 3121E36

VALIDATION FINDINGS WORKSHEET

Continuing Calibration

Page: 1 of 1
Reviewer: BK
2nd Reviewer: JG

METHOD: GC Pesticides/PCBs (EPA SW 846 Method 8081/8082)

Please see qualifications below for all questions answered "N" Not applicable questions are identified as "N/A".

Y	N	N/A	Were Evaluation mix standards run before initial calibration and before samples?
Y	N	N/A	Were Endrin & 4,4'-DDT breakdowns acceptable in the Evaluation Mix standard (<15.0% for individual breakdowns)?

Y	N	N/A	Was at least one standard run daily to verify the working curve?
Y	N	N/A	Did the continuing calibration standards meet the percent difference (%D) / relative percent difference (RPD) criteria of <20.0%?

Level IV/D Only

Y	N	N/A	Were the retention times for all calibrated compounds within their respective acceptance windows?
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[illegible]

A. alpha-BHC
B. beta-BHC
C. delta-BHC
D. gamma-BHC

E. Heptachlor
F. Aldrin
G. Heptachlor epoxide
H. Endosulfan I

I. Dieldrin
J. 4,4'-DDE
K. Endrin
L. Endosulfan II

M. 4,4'-DDD
N. Endosulfan sulfate
O. 4,4'-DDT
P. Methoxychlor

Q. Endrin ketone
R. Endrin aldehyde
S. alpha-Chlordane
T. gamma-Chlordane

U. Toxaphene
V. Aroclor-1016
W. Aroclor-1221
X. Aroclor-1232

Y. Aroclor-1242
Z. Aroclor-1248
AA. Aroclor-1254
BB. Aroclor-1260

CC. DB 608
DD. DB 1701
EE. Hexachlobenzene
FF.

GG. _____
HH. _____
II. _____
JJ. _____

LDC#: 31212E3b

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 2Reviewer: BR2nd Reviewer: SN

METHOD: GC PCBs (EPA SW 846 Method 8082A)

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

CF = A/C

average CF = sum of the CF/number of standards

%RSD = $100 * (S/X)$

Where:

A = Area of compound

C = Concentration of compound

S = Standard deviation of calibration factors

X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (500 std)	Recalculated CF (500 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL 17342A	11/28/2013	PCB1260-1 (ZB-MultiR1)	50173	50173	49598	49598	4	4
			PCB1260-1 (ZB-MultiR2I)	2129	2129	2211	2211	8	8

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC#: 31212E3b

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 2 of 2Reviewer: BR2nd Reviewer: Sm

METHOD: GC PCBs (EPA SW 846 Method 8082A)

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

CF = A/C

average CF = sum of the CF/number of standards

%RSD = 100 * (S/X)

Where:

A = Area of compound

C = Concentration of compound

S = Standard deviation of calibration factors

X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (500 std)	Recalculated CF (500 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL 17342A	12/6/2013	PCB1260-1 (ZB-MultiR1)	46341	46341	47185	47185	2	2
			PCB1260-1 (ZB-MultiR2I)	2749	2749	2973	2973	11	11

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC#: 31212E3b

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Page: 1 of 3
Reviewer: BR
2nd Reviewer: km

METHOD: GC PCBs (EPA SW 846 Method 8082)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = $100 * (N - C)/N$

Where:

N = Initial Calibration Factor or Nominal Amount

C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	Conc	Reported Conc (CCV)	Recalculated Conc (CCV)	Reported % D	Recalculated %D
1	AR163EF	12/4/2013 9:31	PCB1260 (ZB-MultiR1)	200	198.32	198.32	1	1
			PCB1260 (ZB-MultiR2)	200	250.81	250.81	25	25

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC#: 31212E3b

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Page: 2 of 3
Reviewer: BR
2nd Reviewer: SM

METHOD: GC PCBs (EPA SW 846 Method 8082)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = $100 * (N - C) / N$

Where:

N = Initial Calibration Factor or Nominal Amount

C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	Conc	Reported Conc (CCV)	Recalculated Conc (CCV)	Reported % D	Recalculated %D
1	AR163FZ	12/9/2013	PCB1260 (ZB-MultiR1)	200	180.17	180.17	10	10
		11:06	PCB1260 (ZB-MultiR2)	200	213.68	213.68	7	7

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC#: 31212E3b

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Page: 3 of 3
Reviewer: BR
2nd Reviewer: SM

METHOD: GC PCBs (EPA SW 846 Method 8082)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = $100 * (N - C) / N$

Where:

N = Initial Calibration Factor or Nominal Amount

C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	Conc	Reported Conc (CCV)	Recalculated Conc (CCV)	Reported % D	Recalculated %D
1	AR163GA	12/9/2013	PCB1260 (ZB-MultiR1)	200	180.07	180.07	10	10
		13:34	PCB1260 (ZB-MultiR2)	200	210.22	210.22	5	5

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

VALIDATION FINDINGS WORKSHEET **Surrogate Results Verification**

METHOD: GC Pesticides/PCBs (EPA SW 846 Method 8081/8082)

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

 Where: SF = Surrogate Found
 SS = Surrogate Spiked

 Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Tetrachloro-m-xylene						
Tetrachloro-m-xylene	ZBmultHR2	10.1	10.863367	108	108	0
Decachlorobiphenyl	↓	10.2	10.774124	106	106	0
Decachlorobiphenyl						

 Sample ID: 10

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Tetrachloro-m-xylene						
Tetrachloro-m-xylene	ZBmultHR1	0.3094	0.301844	97	97	0
Decachlorobiphenyl	↓	0.3115	0.280098	90	90	0
Decachlorobiphenyl						

Sample ID: _____

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Tetrachloro-m-xylene						
Tetrachloro-m-xylene						
Decachlorobiphenyl						
Decachlorobiphenyl						

Sample ID: _____

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Tetrachloro-m-xylene						
Tetrachloro-m-xylene						
Decachlorobiphenyl						
Decachlorobiphenyl						

Notes: _____

LDC #: 31212E21

VALIDATION FINDINGS WORKSHEET **Laboratory Control Sample/Laboratory Control Sample Duplicate Results Verification**

Page: 1 of 1
 Reviewer: BR
 2nd Reviewer: SN

METHOD: GC Pesticides/PCBs (EPA SW 846 Method 8081/8082)

The percent recoveries (%R) and Relative Percent difference (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = $100 * (SSC - SC) / SA$

Where: SSC = Spiked sample concentration
 SA = Spike added

SC = Concentration

RPD = $|LCS - LCSD| * 2 / (LCS + LCSD)$

LCS = Laboratory control sample percent recovery

LCSD = Laboratory control sample duplicate percent recovery

LCS/LCSD samples: LCS/D - 08337

Compound	Spike Added (<u>ug/L</u>)		Spiked Sample Concentration (<u>ug/L</u>)		LCS		LCSD		LCS/LCSD	
					Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
gamma-BHC										
4,4'-DDT										
Aroclor 1260	<u>5</u>	<u>5</u>	<u>5.01</u>	<u>5.45</u>	<u>100</u>	<u>100</u>	<u>109</u>	<u>109</u>	<u>8</u>	<u>8.4</u>

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicate findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 312/2 E36

VALIDATION FINDINGS WORKSHEET

Sample Calculation Verification

Page: 1 of 1

Reviewer: *BR*

2nd reviewer: SM

METHOD: GC Pesticides/PCBs (EPA SW 846 Method 8081/8082)

Y	N	N/A
Y	N	N/A

Were all reported results recalculated and verified for all level IV samples?

Were all recalculated results for detected target compounds agree within 10.0% of the reported results?

Example:

ZBmultikz 50+ 40

Sample I.D. A/1 ND

LCS 19339 Aroclor 1260 = 183.85 ug/kg

Conc. = _____

$$= 183.849885 \text{ mg/kg}$$

$$\text{Broder } 1260-1 = \frac{(1610352.75)}{10000} (10000)$$

$$= 180.5530609$$

$$1260 - 2 = 185.698328$$

$$1260 - 3 = 181.213337$$

$$1260 - 4 = 185.715218$$

$$1260 - 5 = 183.188507$$

$$1260 - 6 = 186.73094$$

Average = 183.8498285 g/kg

[illegible]

Note: _____

**Laboratory Data Consultants, Inc.
Data Validation Report**

Project/Site Name: Santa Susana Field Laboratory
Collection Date: November 26, 2013
LDC Report Date: February 6, 2014
Matrix: Soil/Water
Parameters: Metals
Validation Level: Level IV
Laboratory: Eurofins Lancaster Laboratories
Sample Delivery Group (SDG): PH135

Sample Identification

SL-713-SA5A-SB-0.0-0.5
SL-713-SA5A-SB-2.5-3.5
SL-719-SA5A-SB-0.0-0.5
SL-720-SA5A-SB-0.0-0.5
SL-724-SA5A-SB-0.0-0.5
SL-738-SA5A-SB-0.0-0.5
SL-738-SA5A-SB-3.0-4.0
SL-767-SA5A-SB-0.0-0.5
SL-767-SA5A-SB-2.5-3.5
EB1-112613
EB2-112613

Introduction

This data review covers 9 soil samples and 2 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Methods 6010C, 6020A, 7471B, and 7470A for Metals. The metals analyzed were Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Lithium, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Phosphorus, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, and Zirconium.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5%.

III. Calibration

The initial and continuing calibrations were performed at the required frequency.

The calibration standards criteria were met with the following exceptions:

Date	Lab. Reference/ID	Analyte	%R (Limits)	Associated Samples	Flag	A or P
12/11/13	CCV (13:42)	Strontium Thallium	113.5 (90-110) 117.8 (90-110)	All water samples in SDG PH135	J (all detects) J (all detects)	P
12/11/13	CCV (15:38)	Selenium	111.2 (90-110)	All water samples in SDG PH135	J (all detects)	P

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No metal contaminants were found in the initial, continuing and preparation blanks with the following exceptions:

Method Blank ID	Analyte	Maximum Concentration	Associated Samples
PB (prep blank)	Zinc	4.000 ug/L	All water samples in SDG PH135
ICB/CCB	Lithium Zirconium	2.8 ug/L 3.4 ug/L	All water samples in SDG PH135
PB (prep blank)	Tin	1.57 mg/Kg	All soil samples in SDG PH135

Data qualification by the initial, continuing and preparation blanks (ICB/CCB/PBs) was based on the maximum contaminant concentration in the ICB/CCB/PBs in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
SL-713-SA5A-SB-0.0-0.5	Tin	2.72 mg/Kg	2.72U mg/Kg
SL-713-SA5A-SB-2.5-3.5	Tin	3.33 mg/Kg	3.33U mg/Kg
SL-719-SA5A-SB-0.0-0.5	Tin	2.54 mg/Kg	2.54U mg/Kg
SL-720-SA5A-SB-0.0-0.5	Tin	2.58 mg/Kg	2.58U mg/Kg
SL-724-SA5A-SB-0.0-0.5	Tin	2.50 mg/Kg	2.50U mg/Kg
SL-738-SA5A-SB-0.0-0.5	Tin	3.01 mg/Kg	3.01U mg/Kg
SL-738-SA5A-SB-3.0-4.0	Tin	4.09 mg/Kg	4.09U mg/Kg
SL-767-SA5A-SB-0.0-0.5	Tin	2.85 mg/Kg	2.85U mg/Kg
SL-767-SA5A-SB-2.5-3.5	Tin	2.97 mg/Kg	2.97U mg/Kg
EB1-112613	Zinc	0.0032 mg/L	0.0032U mg/L
EB2-112613	Zinc	0.0022 mg/L	0.0022U mg/L

Samples EB1-112613 and EB2-112613 were identified as equipment blanks. No metal contaminants were found with the following exceptions:

Blank ID	Sampling Date	Analyte	Concentration	Associated Samples
EB1-112613	11/26/13	Zinc	0.0032 mg/L	All soil samples in SDG PH135
EB2-112613	11/26/13	Nickel Potassium Zinc	0.0018 mg/L 0.109 mg/L 0.0022 mg/L	No associated samples in this SDG

Sample FB-041613 (from SDG PH032) was identified as a field blank. No metal contaminants were found with the following exceptions:

Blank ID	Sampling Date	Analyte	Concentration	Associated Samples
FB-041613	4/16/13	Molybdenum Tin	0.0132 mg/L 0.0029 mg/L	All soil samples in SDG PH135

Sample concentrations were compared to concentrations detected in the field blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated field blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
SL-713-SA5A-SB-0.0-0.5	Molybdenum	1.26 mg/Kg	1.26U mg/Kg
SL-713-SA5A-SB-2.5-3.5	Molybdenum	0.313 mg/Kg	0.313U mg/Kg
SL-719-SA5A-SB-0.0-0.5	Molybdenum	0.473 mg/Kg	0.473U mg/Kg
SL-720-SA5A-SB-0.0-0.5	Molybdenum	0.326 mg/Kg	0.326U mg/Kg
SL-724-SA5A-SB-0.0-0.5	Molybdenum	0.326 mg/Kg	0.326U mg/Kg
SL-738-SA5A-SB-0.0-0.5	Molybdenum	0.524 mg/Kg	0.524U mg/Kg
SL-738-SA5A-SB-3.0-4.0	Molybdenum	0.557 mg/Kg	0.557U mg/Kg
SL-767-SA5A-SB-0.0-0.5	Molybdenum	0.513 mg/Kg	0.513U mg/Kg
SL-767-SA5A-SB-2.5-3.5	Molybdenum	0.498 mg/Kg	0.498U mg/Kg

V. ICP Interference Check Sample (ICS) Analysis

The frequency of analysis was met.

The criteria for analysis were met.

VI. Matrix Spike Analysis

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
SL-708-SA5A-SB-0.0-0.5MS/MSD (All soil samples in SDG PH135)	Antimony	59 (75-125)	60 (75-125)	-	J (all detects) UJ (all non-detects)	A
SL-708-SA5A-SB-0.0-0.5MS/MSD (All soil samples in SDG PH135)	Strontium	-	131 (75-125)	-	J (all detects)	A

For SL-708-SA5A-SB-0.0-0.5MS/MSD, no data were qualified for Aluminum, Calcium, Iron, Manganese, and Titanium percent recoveries outside the QC limits since the parent sample results were greater than 4X the spike concentration.

VII. Duplicate Sample Analysis

Duplicate (DUP) sample analyses were reviewed for each matrix as applicable. Results were within QC limits.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Internal Standards

All internal standard percent recoveries (%R) were within QC limits.

X. ICP Serial Dilution

ICP serial dilution analysis was performed by the laboratory. The analysis criteria were met.

XI. Sample Result Verification

All sample result verifications were acceptable.

All metals reported below the RL and above the MDL were qualified as follows:

Sample	Analyte	Flag	A or P
All samples in SDG PH135	All analytes reported below the RL and above the MDL.	J (all detects)	A

XII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIII. Field Duplicates

No field duplicates were identified in this SDG.

Santa Susana Field Laboratory
Metals - Data Qualification Summary - SDG PH135

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
PH135	EB1-112613 EB2-112613	Strontium Thallium Selenium	J (all detects) J (all detects) J (all detects)	P	Calibration (CCV %R) (R)
PH135	SL-713-SA5A-SB-0.0-0.5 SL-713-SA5A-SB-2.5-3.5 SL-719-SA5A-SB-0.0-0.5 SL-720-SA5A-SB-0.0-0.5 SL-724-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-3.0-4.0 SL-767-SA5A-SB-0.0-0.5 SL-767-SA5A-SB-2.5-3.5	Antimony	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R) (Q)
PH135	SL-713-SA5A-SB-0.0-0.5 SL-713-SA5A-SB-2.5-3.5 SL-719-SA5A-SB-0.0-0.5 SL-720-SA5A-SB-0.0-0.5 SL-724-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-3.0-4.0 SL-767-SA5A-SB-0.0-0.5 SL-767-SA5A-SB-2.5-3.5	Strontium	J (all detects)	A	Matrix spike/Matrix spike duplicate (%R) (Q)
PH135	SL-713-SA5A-SB-0.0-0.5 SL-713-SA5A-SB-2.5-3.5 SL-719-SA5A-SB-0.0-0.5 SL-720-SA5A-SB-0.0-0.5 SL-724-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-3.0-4.0 SL-767-SA5A-SB-0.0-0.5 SL-767-SA5A-SB-2.5-3.5 EB1-112613 EB2-112613	All analytes reported below the RL and above the MDL.	J (all detects)	A	Sample result verification (Z)

Santa Susana Field Laboratory
Metals - Laboratory Blank Data Qualification Summary - SDG PH135

SDG	Sample	Analyte	Modified Final Concentration	A or P	Code
PH135	SL-713-SA5A-SB-0.0-0.5	Tin	2.72U mg/Kg	A	B
PH135	SL-713-SA5A-SB-2.5-3.5	Tin	3.33U mg/Kg	A	B
PH135	SL-719-SA5A-SB-0.0-0.5	Tin	2.54U mg/Kg	A	B
PH135	SL-720-SA5A-SB-0.0-0.5	Tin	2.58U mg/Kg	A	B
PH135	SL-724-SA5A-SB-0.0-0.5	Tin	2.50U mg/Kg	A	B

SDG	Sample	Analyte	Modified Final Concentration	A or P	Code
PH135	SL-738-SA5A-SB-0.0-0.5	Tin	3.01U mg/Kg	A	B
PH135	SL-738-SA5A-SB-3.0-4.0	Tin	4.09U mg/Kg	A	B
PH135	SL-767-SA5A-SB-0.0-0.5	Tin	2.85U mg/Kg	A	B
PH135	SL-767-SA5A-SB-2.5-3.5	Tin	2.97U mg/Kg	A	B
PH135	EB1-112613	Zinc	0.0032U mg/L	A	B
PH135	EB2-112613	Zinc	0.0022U mg/L	A	B

Santa Susana Field Laboratory
Metals - Field Blank Data Qualification Summary - SDG PH135

SDG	Sample	Analyte	Modified Final Concentration	A or P	Code
PH135	SL-713-SA5A-SB-0.0-0.5	Molybdenum	1.26U mg/Kg	A	F
PH135	SL-713-SA5A-SB-2.5-3.5	Molybdenum	0.313U mg/Kg	A	F
PH135	SL-719-SA5A-SB-0.0-0.5	Molybdenum	0.473U mg/Kg	A	F
PH135	SL-720-SA5A-SB-0.0-0.5	Molybdenum	0.326U mg/Kg	A	F
PH135	SL-724-SA5A-SB-0.0-0.5	Molybdenum	0.326U mg/Kg	A	F
PH135	SL-738-SA5A-SB-0.0-0.5	Molybdenum	0.524U mg/Kg	A	F
PH135	SL-738-SA5A-SB-3.0-4.0	Molybdenum	0.557U mg/Kg	A	F
PH135	SL-767-SA5A-SB-0.0-0.5	Molybdenum	0.513U mg/Kg	A	F
PH135	SL-767-SA5A-SB-2.5-3.5	Molybdenum	0.498U mg/Kg	A	F

LDC #: 31212E4

VALIDATION COMPLETENESS WORKSHEET

SDG #: PH135

Level IV

Laboratory: Eurofins Lancaster Laboratories

Date: 11/31/14

Page: 1 of 1

Reviewer: a

2nd Reviewer: SA

METHOD: Metals (EPA SW 846 Method 6010C/6020A/7000)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 11/26/13
II.	ICP/MS Tune	A	
III.	Calibration	ASW	
IV.	Blanks	SW	
V.	ICP Interference Check Sample (ICS) Analysis	A	
VI.	Matrix Spike Analysis	SW	MS/D (PH135)
VII.	Duplicate Sample Analysis	A	DUP ↓
VIII.	Laboratory Control Samples (LCS)	A	LCS/D
IX.	Internal Standard (ICP-MS)	A	
X.	ICP Serial Dilution	A	
XI.	Sample Result Verification	A	
XII.	Overall Assessment of Data	A	
XIII.	Field Duplicates	N	
XIV.	Field Blanks	SW	EB=10,11 FB= FB-041613 (PH135)

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples:

soil/water

1	SL-713-SA5A-SB-0.0-0.5	11	EB2-112613 W	21		31	
2	SL-713-SA5A-SB-2.5-3.5	12		22		32	
3	SL-719-SA5A-SB-0.0-0.5	13		23		33	
4	SL-720-SA5A-SB-0.0-0.5	14		24		34	
5	SL-724-SA5A-SB-0.0-0.5	15		25		35	
6	SL-738-SA5A-SB-0.0-0.5	16		26		36	
7	SL-738-SA5A-SB-3.0-4.0	17		27		37	
8	SL-767-SA5A-SB-0.0-0.5	18		28		38	
9	SL-767-SA5A-SB-2.5-3.5	19		29		39	
10	EB1-112613 W	20		30		40	

Notes: _____

Method: Metals (EPA SW 846 Method 6010B/7000/6020)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	☒	☐	☐	
Cooler temperature criteria was met.	☒	☐	☐	
II. ICP/MS Tune				
Were all isotopes in the tuning solution mass resolution within 0.1 amu?	☒	☐	☐	
Were %RSD of isotopes in the tuning solution $\leq 5\%$?	☒	☐	☐	
III. Calibration				
Were all instruments calibrated daily, each set-up time?	☒	☐	☐	
Were the proper number of standards used?	☒	☐	☐	
Were all initial and continuing calibration verification %Rs within the 90-110% (80-120% for mercury) QC limits?	☒	☐	☐	
Were all initial calibration correlation coefficients ≥ 0.995 ?	☒	☐	☐	
IV. Blanks				
Was a method blank associated with every sample in this SDG?	☒	☐	☐	
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.	☒	☐	☐	
V. ICP Interference Check Sample				
Were ICP interference check samples performed daily?	☒	☐	☐	
Were the AB solution percent recoveries (%R) with the 80-120% QC limits?	☒	☐	☐	
VI. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and duplicate (DUP) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD or MS/DUP. Soil / Water.	☒	☐	☐	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the 75-125 QC limits? If the sample concentration exceeded the spike concentration by a factor of 4 or more, no action was taken.	☒	☐	☐	
Were the MS/MSD or duplicate relative percent differences (RPD) $\leq 20\%$ for waters and $\leq 35\%$ for soil samples? A control limit of $\pm 2X$ RL for soil was used for samples that were $\leq 5X$ the RL, including when only one of the duplicate sample values were $\leq 5X$ the RL.	☒	☐	☐	
VII. Laboratory control samples				
Was an LCS analyzed for this SDG?	☒	☐	☐	
Was an LCS analyzed per extraction batch?	☒	☐	☐	
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the 80-120% QC limits for water samples and laboratory established QC limits for soils?	☒	☐	☐	

Validation Area	Yes	No	NA	Findings/Comments
VIII. Furnace Atomic Absorption QC				
If MSA was performed, was the correlation coefficients > 0.995?			☒	
Do all applicable analyses have duplicate injections? (Level IV only)			☒	
For sample concentrations > RL, are applicable duplicate injection RSD values < 20%? (Level IV only)			☒	
Were analytical spike recoveries within the 85-115% QC limits?			☒	
IX. ICP Serial Dilution				
Was an ICP serial dilution analyzed if analyte concentrations were > 50X the MDL (ICP)/>100X the MDL(ICP/MS)?	☒			
Were all percent differences (%Ds) < 10%?	☒			
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			☒	
X. Internal Standards (EPA SW 846 Method 6020/EPA 200.8)				
Were all the percent recoveries (%R) within the 30-120% (6020)/60-125% (200.8) of the intensity of the internal standard in the associated initial calibration?	☒			
If the %Rs were outside the criteria, was a reanalysis performed?			☒	
XI. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?		☒		
Were the performance evaluation (PE) samples within the acceptance limits?			☒	
XII. Sample Result Verification				
Were RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	☒			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	☒			
XIV. Field duplicates				
Field duplicate pairs were identified in this SDG.		☒		
Target analytes were detected in the field duplicates.			☒	
XV. Field blanks				
Field blanks were identified in this SDG.	☒			
Target analytes were detected in the field blanks.	☒			

All circled elements are applicable to each sample.

[illegible]

Comments: Mercury by CVAA if performed

LDC #: 514249

VALIDATION FINDINGS WORKSHEET

Calibration

Page: 1

Reviewer: O

2nd Reviewer: S

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A

Were all instruments calibrated daily, each set-up time, and were the proper number of standards used?

Y (N) N/A

Were all initial and continuing calibration verification percent recoveries (%R) within the control limits of 90-110% for all analytes except mercury (80-12

LEVEL IV ONLY:

Y N N/A

Was a midrange cyanide standard distilled?

YN N/A

Are all correlation coefficients >0.995 ?

Y N N/A

Were recalculated results acceptable? See Level IV Initial and Continuing Calibration Recalculation Worksheet for recalculations.

[illegible]

Comments: _____

VALIDATION FINDINGS WORKSHEET
PB/ICB/CCB QUALIFIED SAMPLES

METHOD: Trace metals (EPA SW 864 Method 6010B/6020/7000)

Soil preparation factor applied: _____

Reason: B

2nd Reviewer: SL

Sample Concentration units, unless otherwise noted: mg/L

Associated Samples: All Water

					Sample Identification									
Analyte	Maximum PB ^a (mg/Kg)	Maximum PB ^a (µg/L)	Maximum ICB/CCB ^a (µg/L)	Action Level	10	11								
Li			2.8	0.01										
Zn		4.000		0.02	0.0032	0.0022								
Zr			3.4	0.02										

Sample Concentration units, unless otherwise noted: mg/Kg

Associated Samples: All Soil

					Sample Identification									
Analyte	Maximum PB ^a (mg/Kg)	Maximum PB ^a (µg/L)	Maximum ICB/CCB ^a (µg/L)	Action Level	1	2	3	4	5	6	7	8	9	
Sn	1.57 1.567			7.835	2.72	3.33	2.54	2.58	2.50	3.01	4.09	2.85	2.97	

Samples with analyte concentrations within five times the associated ICB, CCB or PB concentration are listed above with the identifications from the Validation Completeness Worksheet. These sample results were qualified as not detected, "U".

Note : a - The listed analyte concentration is the highest ICB, CCB, or PB detected in the analysis of each element.

VALIDATION FINDINGS WORKSHEET Field Blanks

METHOD: Trace Metals (EPA SW846 6010B/7000)

Blank units: mg/L Associated sample units: mg/Kg

Reason: F

Sampling date: 4/16/13 Soil factor applied 100x

Field blank type: (circle one) Field Blank / Rinsate / Other: Associated Samples: All Soil

Analyte	Blank ID	Sample Identification											
	FB-041613 (SDG: PH032)	Action Limit	1	2	3	4	5	6	7	8	9		
Mo	0.0132	6.60	1.26	0.313	0.473	0.326	0.326	0.524	0.557	0.513	0.498		
Sn	0.0029	1.45											

Sampling date: 11/26/13 Soil factor applied 100x

Field blank type: (circle one) Field Blank / Rinsate / Other: Associated Samples: All Soil

Analyte	Blank ID	Sample Identification											
	EB1-112613 (SDG: 135 PH126)	Action Limit	No Qualifiers										
Zn	0.0032	1.6											

Sampling date: 11/26/13 Soil factor applied 100x

Field blank type: (circle one) Field Blank / Rinsate / Other: Associated Samples: None

Analyte	Blank ID	Sample Identification											
	EB2-112613 (SDG: 135 PH126)	Action Limit	No Qualifiers										
Ni	0.0018	0.9											
K	0.109	54.5											
Zn	0.0022	1.1											

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:

Samples with analyte concentrations within five times the associated field blank concentration are listed above, these sample results were qualified as not detected, "U".

VALIDATION FINDINGS WORKSHEET

Matrix Spike/Matrix Spike Duplicates

METHOD: Trace metals (EPA SW 846 Method 6010B/6020A/7000)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A

Was a matrix spike analyzed for each matrix in this SDG?

Y/N N/A

Were matrix spike percent recoveries (%R) within the control limits of 75-125? If the sample concentration exceeded the spike concentration by a factor of 4 or more, no action was taken.

Y N N/A

Were all duplicate sample relative percent differences (RPD) $\leq 20\%$ for water samples and $\leq 35\%$ for soil samples?

LEVEL IV ONLY:

Y N N/A

Were recalculated results acceptable? See Level IV Recalculation Worksheet for recalculations.

[illegible]

Comments: Al, Ca, Fe, Mn, Ti 74x : Text

LDC #: 32267

VALIDATION FINDINGS WORKSHEET **Initial and Continuing Calibration Calculation Verification**

Page: 1 of 1
 Reviewer: QR
 2nd Reviewer: SK

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

An initial and continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

$$\%R = \frac{\text{Found}}{\text{True}} \times 100$$

Where, Found = concentration (in ug/L) of each analyte measured in the analysis of the ICV or CCV solution
 True = concentration (in ug/L) of each analyte in the ICV or CCV source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated	Reported	Acceptable (Y/N)
					%R	%R	
ICV	ICP (Initial calibration)	Mo	621.62	600	103.6	103.6	Y
ICV	ICP/MS (Initial calibration)	Se	46.08	50	92.2	92.2	
ICV	CVAA (Initial calibration)	Hg	2.48	2.5	99.2	99.2	
CCV (12.5)	ICP (Continuing calibration)	Co	516.13	500	103.2	103.2	
CCV (19.7)	ICP/MS (Continuing calibration)	Ag	24.72	25	98.9	98.9	
CCV (13.25)	CVAA (Continuing calibration)	Hg	1.00	1.00	100.0	100.0	
	GFAA (Initial calibration)						
	GFAA (Continuing calibration)						

Comments: Refer to Calibration Verification findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 312264

VALIDATION FINDINGS WORKSHEET Level IV Recalculation Worksheet

Page: 1 of 1
Reviewer: GR
2nd Reviewer: SM

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

Percent recoveries (%R) for an ICP interference check sample, a laboratory control sample and a matrix spike sample were recalculated using the following formula:

$$\%R = \frac{\text{Found}}{\text{True}} \times 100$$

Where, Found = Concentration of each analyte measured in the analysis of the sample. For the matrix spike calculation, Found = SSR (spiked sample result) - SR (sample result).
True = Concentration of each analyte in the source.

A sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

$$RPD = \frac{|S-D|}{(S+D)/2} \times 100$$

Where, S = Original sample concentration
D = Duplicate sample concentration

An ICP serial dilution percent difference (%D) was recalculated using the following formula:

$$\%D = \frac{|I-SDR|}{I} \times 100$$

Where, I = Initial Sample Result (mg/L)
SDR = Serial Dilution Result (mg/L) (Instrument Reading x 5)

Sample ID	Type of Analysis	Element	Found / S / I (units)	True / D / SDR (units)	Recalculated	Reported	Acceptable (Y/N)
					%R / RPD / %D	%R / RPD / %D	
ICSAM	ICP interference check	As	112.8	100	112.8	112.8	Y
LCS	Laboratory control sample	M	53802	50000	108	108	
SL-708-SASA	Matrix spike 50.0-0.5	Se	(SSR-SR) 1.7461	1.9802	88	88	
↓	Duplicate	Sc	17.8515	16.1485	10	10	
↓	ICP serial dilution	Ba	966.17	945.65	2	2	✓

Comments: Refer to appropriate worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results

LDC #: 312061

VALIDATION FINDINGS WORKSHEET

Sample Calculation Verification

Page: 1 of 1

Reviewer: CR

2nd reviewer:

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Have results been reported and calculated correctly?

Y	N	N/A	Are results within the calibrated range of the instruments and within the linear range of the ICP?
---	---	-----	--

(Y) N N/A	Are all detection limits below the CRDL?
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Detected analyte results for CE were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(\text{RD})(\text{FV})(\text{Dil})}{(\text{In. Vol.})}$$

Recalculation:

RD	=	Raw data concentration
FV	=	Final volume (ml)
In. Vol.	=	Initial volume (ml) or weight (G)
Dil	=	Dilution factor

$$1 = \frac{100 \text{ mL} (0.2103 \text{ mg/L})}{0.96 (1.04 \text{ g})} = 21.04 \text{ mg/kg}$$

#	Sample ID	Analyte	Reported Concentration (mg/L)	Calculated Concentration (mg/L)	Acceptable (Y/N)
	1	Cr	21.0	21.0	Y
	2	Hg	0.013	0.013	Y
	3	Ag	0.16	0.16	Y
	4	Ba	63.9	63.9	Y
	5	Sr	13.6	13.6	Y
	6	Mn	13.0	13.0	Y
	7	Hg	0.022	0.022	Y
	8	Tl	0.26	0.26	Y
	9	Zn	61.1	61.1	Y
	10	Zn (ug/L)	3.2	3.2	Y
	11	K	109	109	Y

Note: _____

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: Santa Susana Field Laboratory

Collection Date: November 26, 2013

LDC Report Date: February 5, 2014

Matrix: Water

Parameters: Hexavalent Chromium

Validation Level: Level IV

Laboratory: Eurofins Lancaster Laboratories

Sample Delivery Group (SDG): PH135

Sample Identification

EB2-112613

Introduction

This data review covers one water sample listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 7199 for Hexavalent Chromium.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Initial Calibration

All criteria for the initial calibration were met.

III. Calibration Verification

Continuing calibration frequency and analysis criteria were met.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No hexavalent chromium was found in the initial, continuing and preparation blanks.

Sample EB2-112613 was identified as an equipment blank. No hexavalent chromium was found.

V. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VI. Duplicates

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

VII. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Sample Result Verification

All sample result verifications were acceptable.

All analytes reported below the RL and above the MDL were qualified as follows:

Sample	Analyte	Flag	A or P
All samples in SDG PH135	All analytes reported below the RL and above the MDL.	J (all detects)	A

IX. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

X. Field Duplicates

No field duplicates were identified in this SDG.

Santa Susana Field Laboratory
Hexavalent Chromium - Data Qualification Summary - SDG PH135

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
PH135	EB2-112613	All analytes reported below the RL and above the MDL.	J (all detects)	A	Sample result verification

Santa Susana Field Laboratory
Hexavalent Chromium – Laboratory Blank Data Qualification Summary - SDG PH135

No Sample Data Qualified in this SDG

Santa Susana Field Laboratory
Hexavalent Chromium - Field Blank Data Qualification Summary - SDG PH135

No Sample Data Qualified in this SDG

METHOD: (Analyte) Hexavalent Chromium (EPA SW846 Method 7199)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: <u>11/26/13</u>
IIa.	Initial calibration	A	
IIb.	Calibration verification	A	
III.	Blanks	A	
IV.	Matrix Spike/Matrix Spike Duplicates	N	CS
V.	Duplicates	N	
VI.	Laboratory control samples	A	LCS/D
VII.	Sample result verification	A	
VIII.	Overall assessment of data	A	
IX.	Field duplicates	N	
X.	Field blanks	ND	EB=1

Note: A = Acceptable ND = No compounds detected D = Duplicate
N = Not provided/applicable R = Rinsate TB = Trip blank
SW = See worksheet FB = Field blank EB = Equipment blank

Validated Samples: water

1	EB2-112613	11		21		31	
2		12		22		32	
3		13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes: _____

Method: Inorganics (EPA Method See cover)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	☒	☐	☐	
Cooler temperature criteria was met.	☒	☐	☐	
II. Calibration				
Were all instruments calibrated daily, each set-up time?	☒	☐	☐	
Were the proper number of standards used?	☒	☐	☐	
Were all initial calibration correlation coefficients > 0.995?	☒	☐	☐	
Were all initial and continuing calibration verification %Rs within the 90-110% QC limits?	☒	☐	☐	
Were titrant checks performed as required? (Level IV only)	☐	☐	☒	
Were balance checks performed as required? (Level IV only)	☐	☐	☒	
III. Blanks				
Was a method blank associated with every sample in this SDG?	☒	☐	☐	
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.	☐	☒	☐	
IV. Matrix spike/Matrix spike duplicates and Duplicates				
Were a matrix spike (MS) and duplicate (DUP) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD or MS/DUP. Soil / Water.	☒	☒	☐	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the 75-125 QC limits? If the sample concentration exceeded the spike concentration by a factor of 4 or more, no action was taken.	☒	☒	☐	
Were the MS/MSD or duplicate relative percent differences (RPD) $\leq 20\%$ for waters and $\leq 35\%$ for soil samples? A control limit of $\leq \text{CRDL}$ ($\leq 2\text{X CRDL}$ for soil) was used for samples that were $\leq 5\text{X}$ the CRDL, including when only one of the duplicate sample values were $\leq 5\text{X}$ the CRDL.	☐	☐	☒	
V. Laboratory control samples				
Was an LCS analyzed for this SDG?	☒	☐	☐	
Was an LCS analyzed per extraction batch?	☒	☐	☐	
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the 80-120% (85-115% for Method 300.0) QC limits?	☒	☐	☐	
VI. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?	☐	☒	☐	
Were the performance evaluation (PE) samples within the acceptance limits?	☐	☐	☒	

LDC #: 3121266

VALIDATION FINDINGS CHECKLIST

Page: 2 of 2
Reviewer: OL
2nd Reviewer: SM

Validation Area	Yes	No	NA	Findings/Comments
VII. Sample Result Verification				
Were RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	☒	☐	☐	
Were detection limits < RL?	☒	☐	☐	
VIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	☒	☐	☐	
IX. Field duplicates				
Field duplicate pairs were identified in this SDG.	☐	☒	☐	
Target analytes were detected in the field duplicates.	☐	☐	☒	
X. Field blanks				
Field blanks were identified in this SDG.	☒	☒	☐	
Target analytes were detected in the field blanks.	☐	☒	☐	

LDC #: 31212EG

Validation Findings Worksheet
Initial and Continuing Calibration Calculation Verification

Page: 1 of 1
 Reviewer: OL
 2nd Reviewer: SM

Method: Inorganics, Method See CoverThe correlation coefficient (r) for the calibration of _____ was recalculated. Calibration date: 11/27/13

An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

$$\%R = \frac{\text{Found} \times 100}{\text{True}}$$

Where,

Found = concentration of each analyte measured in the analysis of the ICV or CCV solution

True = concentration of each analyte in the ICV or CCV source

Type of analysis	Analyte	Standard	Conc. (mg/L)	Area	Recalculated	Reported	Acceptable (Y/N)
					r or r ²	r or r ²	
Initial calibration	Cd ²⁺	s1	0.0	0	0.999698	0.999670	Y
		s2	0.110398	7.5			
		s3	0.532666	50			
		s4	1.060096	100			
		s5	2.075708	200			
		s6	3.006448	300			
Calibration verification	↓	ICV	50	49.998	100	100	Y
Calibration verification		CCV	200	191.318	96	96	
Calibration verification							

Comments: Refer to Calibration Verification findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results. _____

LDC #: 3121266VALIDATION FINDINGS WORKSHEET
Level IV Recalculation WorksheetPage: 1 of 1
Reviewer: QR
2nd Reviewer: SMMETHOD: Inorganics, Method See cover

Percent recoveries (%R) for a laboratory control sample and a matrix spike sample were recalculated using the following formula:

$$\%R = \frac{\text{Found}}{\text{True}} \times 100$$
 Where, Found = concentration of each analyte measured in the analysis of the sample. For the matrix spike calculation, Found = SSR (spiked sample result) - SR (sample result).
True = concentration of each analyte in the source.

A sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

$$RPD = \frac{|S-D|}{(S+D)/2} \times 100$$
 Where, S = Original sample concentration
D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	Found / S (units)	True / D (units)	Recalculated	Reported	Acceptable (Y/N)
					%R / RPD	%R / RPD	
LCS	Laboratory control sample	Cd ⁶⁺	99.42	100	99	99	Y
N	Matrix spike sample		(SSR-SR)				
N	Duplicate sample						

Comments: Refer to appropriate worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #:

VALIDATION FINDINGS WORKSHEET

Page: 1 of 1

Reviewer: AR

2nd reviewer:

METHOD: Inorganics, Method

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A

Have results been reported and calculated correctly?

Y	N	N/A
---	---	-----

Are results within the calibrated range of the instruments?

Y	N	N/A
---	---	-----

Are all detection limits below the CRQL?

Compound (analyte) results for _____ reported with a positive detect were recalculated and verified using the following equation:

Concentration =

Recalculation:

Non Detect

[illegible]

Note: _____

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: Santa Susana Field Laboratory
Collection Date: November 26, 2013
LDC Report Date: February 20, 2014
Matrix: Soil/Water
Parameters: Total Petroleum Hydrocarbons as Gasoline
Validation Level: Level IV
Laboratory: Eurofins Lancaster Laboratories
Sample Delivery Group (SDG): PH135

Sample Identification

SL-713-SA5A-SB-2.5-3.5
TB-112613
SL-738-SA5A-SB-3.0-4.0
SL-767-SA5A-SB-2.5-3.5
EB1-112613
EB2-112613

Introduction

This data review covers 3 soil samples and 3 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8015B for Total Petroleum Hydrocarbons (TPH) as Gasoline.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Initial Calibration

Initial calibration of compounds was performed as required by the method.

The percent relative standard deviations (%RSD) of calibration factors for all compounds were less than or equal to 20.0%.

III. Calibration Verification

Calibration verification was performed at required frequencies. The percent differences (%D) of amounts in continuing standard mixtures were within the 20.0% QC limits.

The percent differences (%D) of the second source calibration standard were less than or equal to 20.0% for all compounds.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No total petroleum hydrocarbons as gasoline contaminants were found in the method blanks.

Sample TB-112613 was identified as a trip blank. No total petroleum hydrocarbons as gasoline contaminants were found.

Samples EB1-112613 and EB2-112613 were identified as equipment blanks. No total petroleum hydrocarbons as gasoline contaminants were found.

Sample FB-041613 (from SDG PH032) was identified as a field blank. No total petroleum hydrocarbons as gasoline contaminants were found.

V. Surrogate Recovery

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VI. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VII. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Target Compound Identification

All target compound identifications were within validation criteria.

IX. Compound Quantitation

All compound quantitations were within validation criteria.

All compounds reported below the RL were qualified as follows:

Sample	Finding	Flag	A or P
All samples in SDG PH135	All compounds reported below the RL.	J (all detects)	A

X. System Performance

The system performance was acceptable.

XI. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XII. Field Duplicates

No field duplicates were identified in this SDG.

Santa Susana Field Laboratory

Total Petroleum Hydrocarbons as Gasoline - Data Qualification Summary - SDG PH135

SDG	Sample	Compound	Flag	A or P	Reason (Code)
PH135	SL-713-SA5A-SB-2.5-3.5 TB-112613 SL-738-SA5A-SB-3.0-4.0 SL-767-SA5A-SB-2.5-3.5 EB1-112613 EB2-112613	All compounds reported below the RL.	J (all detects)	A	Compound quantitation (Z)

Santa Susana Field Laboratory

Total Petroleum Hydrocarbons as Gasoline - Laboratory Blank Data Qualification Summary - SDG PH135

No Sample Data Qualified in this SDG

Santa Susana Field Laboratory

Total Petroleum Hydrocarbons as Gasoline - Field Blank Data Qualification Summary - SDG PH135

No Sample Data Qualified in this SDG

METHOD: GC TPH as Gasoline (EPA SW 846 Method 8015B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	SW/A	Sampling dates: 11/26/13
II.	Initial calibration	A	$RSR \leq 20\%$
III.	Calibration verification/ICV	A	$1W/ICV \leq 20\%$
IV.	Blanks	A	
V.	Surrogate recovery	A	
VI.	Matrix spike/Matrix spike duplicates	N	Client spec.
VII.	Laboratory control samples	A	LCS 10
VIII.	Target compound identification	A	
IX.	Compound quantitation/RL/LOQ/LODs	A	
X.	System Performance	A	
XI.	Overall assessment of data	A	
XII.	Field duplicates	N	
XIII.	Field blanks	ND	TB = 2 EB = 5, 6 FB = FB-041613

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

(906#PH082)

Validated Samples: Soil + water

1	SL-713-SA5A-SB-2.5-3.5	11		21		31	BLK 9A
2	TB-112613 W	12		22		32	BLK 8B
3	SL-738-SA5A-SB-3.0-4.0	13		23		33	
4	SL-767-SA5A-SB-2.5-3.5	14		24		34	
5	EB1-112613 W	15		25		35	
6	EB2-112613 W	16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes: _____

Method: ☒ GC ☐ HPLC

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	☒	☒		samples preserved
Cooler temperature criteria was met.	☒			
II. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	☒			
Was a linear fit used for evaluation? If yes, were all percent relative standard deviations (%RSD) $\leq 20\%$?	☒			
Was a curve fit used for evaluation? If Yes, what was the acceptance criteria used?		☒		
Did the initial calibration meet the curve fit acceptance criteria?			☒	
Were the RT windows properly established?	☒			
IV. Continuing calibration				
What type of continuing calibration calculation was performed? ☒ %D or ☐ %R	☒			
Was a continuing calibration analyzed daily?	☒			
Were all percent differences (%D) $\leq 20\%$ or percent recoveries 80-120%?	☒			
Were all the retention times within the acceptance windows?	☒			
V. Blanks				
Was a method blank associated with every sample in this SDG?	☒			
Was a method blank analyzed for each matrix and concentration?	☒			
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.		☒		
VII. Surrogate spikes				
Were all surrogate %R within the QC limits?	☒			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			☒	
If any %R was less than 10 percent, was a reanalysis performed to confirm %R?			☒	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.		☒		
Was a MS/MSD analyzed every 20 samples of each matrix?			☒	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			☒	
VIII. Laboratory control samples				
Was an LCS analyzed for this SDG?	☒			
Was an LCS analyzed per extraction batch?	☒			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	☒			

Validation Area	Yes	No	NA	Findings/Comments
IX. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?		/		
Were the performance evaluation (PE) samples within the acceptance limits?			/	
X. Target compound identification				
Were the retention times of reported detects within the RT windows?	/			
XI. Compound quantitation/CRQLs				
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	/			
XII. System performance				
System performance was found to be acceptable.	/			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	/			
XIV. Field duplicates				
Field duplicate pairs were identified in this SDG.		/		
Target compounds were detected in the field duplicates.			/	
XV. Field blanks				
Field blanks were identified in this SDG.	/			
Target compounds were detected in the field blanks.		/		

LDC #: 31212E7

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page 1 of 2 + mReviewer: BR2nd Reviewer: SmMETHOD: GC X HPLC _____

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

$$CF = A/C$$

$$\text{average CF} = \text{sum of the CF/number of standards}$$

$$\%RSD = 100 * (S/X)$$

Where:

A = Area of compound

C = Concentration of compound

S = Standard deviation of calibration factors

X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (550 std)	Recalculated CF (550 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL 11379F J&W DB-MTB	9/27/2013	GRO	53902	53902	55635	55635	4	4

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212E7

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page ²1 of ²4Reviewer: BR2nd Reviewer: SMMETHOD: GC X HPLC _____

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

$$CF = A/C$$

$$\text{average CF} = \text{sum of the CF/number of standards}$$

$$\%RSD = 100 * (S/X)$$

Where:

A = Area of compound

C = Concentration of compound

S = Standard deviation of calibration factors

X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (550 std)	Recalculated CF (550 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL 16394F Restek VRX	10/8/2013	GRO	28604	28604	28046	28046	6	6

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212E7

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Page: (1 of 1)
Reviewer: BR
2nd Reviewer: Sm

METHOD: GC _____ HPLC _____

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

$$\text{Percent difference (\%D)} = 100 * (N - C) / N$$

Where:

N = Initial Calibration Factor or Nominal Amount

C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	CCV Conc/CF	Reported Conc/CF	Recalculated Conc/CF	Reported % D	Recalculated %D
1	SGCKXEY	12/5/2013	GRO	220.00	228.05	228.05	4	4
	11379F	17:31						
2	WGCCXTM	12/2/2013	GRO	550.00	585.15	585.15	6	6
	16394F	11:22						
3								

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212E7VALIDATION FINDINGS WORKSHEET
Surrogate Results VerificationPage: 1 of 1Reviewer: BR2nd reviewer: jmMETHOD: X GC HPLC

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate SpikedSample ID: 1

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Trifluorotoluene	JW DB-MTB	754.5	704.4532	93	93	0

Sample ID: 5

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Trifluorotoluene	Restek VRx	30	27.6868	92	92	0

Sample ID:

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	

LDC #: 3/2/2E7

VALIDATION FINDINGS WORKSHEET

Page: 1 of 1Laboratory Control Sample/Laboratory Control Sample Duplicates Results VerificationReviewer: BR2nd Reviewer: SHMETHOD: X GC HPLC

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = $100 * (SSC - SC) / SA$

Where SSC = Spiked sample concentration

SC = Sample concentration

SA = Spike added

RPD = $((SSCLCS - SSCLCSD) * 2) / (SSCLCS + SSCLCSD) * 100$

LCS = Laboratory Control Sample

LCSD = Laboratory Control Sample duplicate

LCS/LCSD samples: LCS OK / LCSD DN

Compound	Spike Added (<u>mg/L</u>)		Spike Sample Concentration (<u>mg/L</u>)		LCS		LCSD		LCS/LCSD	
					Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Gasoline (8015)	1100	1100	1276.01	1219.29	116	114	111	111	5	45
Diesel (8015)										
Benzene (8021B)										
Methane (RSK-175)										
2,4-D (8151)										
Dinoseb (8151)										
Naphthalene (8310)										
Anthracene (8310)										
HMX (8330)										
2,4,6-Trinitrotoluene (8330)										

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicate findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 3/2/2007VALIDATION FINDINGS WORKSHEET
Sample Calculation VerificationPage: 1 of 1
Reviewer: BR
2nd Reviewer: SMMETHOD: ☒ GC ☐ HPLC☒ N N/A
☒ N N/A

Were all reported results recalculated and verified for all level IV samples?

Were all recalculated results for detected target compounds within 10% of the reported results?

Concentration = $\frac{(A)(Fv)(Df)}{(RF)(Vs \text{ or } Ws)(\%S/100)}$

Example:

Sample ID: A11 Compound Name NDLCSPB = 10.86 mg/kgConcentration = $\frac{10858.2857 (272.42822 - 309.8793) (25)}{(55635) (1) (100)}$
= 10.8582857 mg/kg

#	Sample ID	Compound	Reported Concentrations ()	Recalculated Results Concentrations ()	Qualifications

Comments: _____

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: Santa Susana Field Laboratory
Collection Date: November 26, 2013
LDC Report Date: February 11, 2014
Matrix: Soil/Water
Parameters: Total Petroleum Hydrocarbons as Extractables
Validation Level: Level IV
Laboratory: Eurofins Lancaster Laboratories
Sample Delivery Group (SDG): PH135

Sample Identification

SL-713-SA5A-SB-0.0-0.5
SL-713-SA5A-SB-2.5-3.5
SL-719-SA5A-SB-0.0-0.5
SL-720-SA5A-SB-0.0-0.5
SL-724-SA5A-SB-0.0-0.5
SL-738-SA5A-SB-0.0-0.5
SL-738-SA5A-SB-3.0-4.0
SL-767-SA5A-SB-0.0-0.5
SL-767-SA5A-SB-2.5-3.5
EB1-112613
EB2-112613

Introduction

This data review covers 9 soil samples and 2 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8015B for Total Petroleum Hydrocarbons (TPH) as Extractables.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Initial Calibration

Initial calibration of compounds was performed as required by the method.

The percent relative standard deviations (%RSD) of calibration factors for compounds were less than or equal to 20.0%.

III. Calibration Verification

Calibration verification was performed at required frequencies. The percent differences (%D) of amounts in continuing standard mixtures were within the 20.0% QC limits.

The percent differences (%D) of the second source calibration standard were less than or equal to 20.0% for all compounds.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No total petroleum hydrocarbons as extractables contaminants were found in the method blanks.

Samples EB1-112613 and EB2-112613 were identified as equipment blanks. No total petroleum hydrocarbons as extractables contaminants were found.

Sample FB-041613 (from SDG PH032) was identified as a field blank. No total petroleum hydrocarbons as extractables contaminants were found.

V. Surrogate Recovery

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

Sample	Surrogate	%R (Limits)	Compound	Flag	A or P
SL-738-SA5A-SB-3.0-4.0	Ortho-Terphenyl	62 (66-123)	All TCL compounds	J (all detects) UJ (all non-detects)	A

VI. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VII. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Target Compound Identification

All target compound identifications were within validation criteria.

IX. Compound Quantitation

All compound quantitations were within validation criteria.

All compounds reported below the RL were qualified as follows:

Sample	Finding	Flag	A or P
All samples in SDG PH135	All compounds reported below the RL.	J (all detects)	A

X. System Performance

The system performance was acceptable.

XI. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XII. Field Duplicates

No field duplicates were identified in this SDG.

**Santa Susana Field Laboratory
Total Petroleum Hydrocarbons as Extractables - Data Qualification Summary -
SDG PH135**

SDG	Sample	Compound	Flag	A or P	Reason (Code)
PH135	SL-738-SA5A-SB-3.0-4.0	All TCL compounds	J (all detects) UJ (all non-detects)	A	Surrogate spikes (%R) (S)
PH135	SL-713-SA5A-SB-0.0-0.5 SL-713-SA5A-SB-2.5-3.5 SL-719-SA5A-SB-0.0-0.5 SL-720-SA5A-SB-0.0-0.5 SL-724-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-3.0-4.0 SL-767-SA5A-SB-0.0-0.5 SL-767-SA5A-SB-2.5-3.5 EB1-112613 EB2-112613	All compounds reported below the RL.	J (all detects)	A	Compound quantitation (Z)

**Santa Susana Field Laboratory
Total Petroleum Hydrocarbons as Extractables - Laboratory Blank Data
Qualification Summary - SDG PH135**

No Sample Data Qualified in this SDG

**Santa Susana Field Laboratory
Total Petroleum Hydrocarbons as Extractables - Field Blank Data Qualification
Summary - SDG PH135**

No Sample Data Qualified in this SDG

METHOD: GC TPH as Extractables (EPA SW 846 Method 8015B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 11/26/13
II.	Initial calibration	A	RSD ≤ 20%
III.	Calibration verification/ICV	A	1 CV, CV ≤ 20%
IV.	Blanks	A	
V.	Surrogate recovery	SW	
VI.	Matrix spike/Matrix spike duplicates	N	Client spec.
VII.	Laboratory control samples	A	LCS/D
VIII.	Target compound identification	A	
IX.	Compound quantitation/RL/LOQ/LODs	A	
X.	System Performance	A	
XI.	Overall assessment of data	A	
XII.	Field duplicates	N	
XIII.	Field blanks	ND	EB = 10, 11 FB = FB-04/16/13 (806 # PH032)

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples: Soil + Water

1	SL-713-SA5A-SB-0.0-0.5	711	EB2-112613 W	21		311	PBLK21336
2	SL-713-SA5A-SB-2.5-3.5	12		22		322	PBLK14339
3	SL-719-SA5A-SB-0.0-0.5	13		23		33	
4	SL-720-SA5A-SB-0.0-0.5	14		24		34	
5	SL-724-SA5A-SB-0.0-0.5	15		25		35	
6	SL-738-SA5A-SB-0.0-0.5	16		26		36	
7	SL-738-SA5A-SB-3.0-4.0	17		27		37	
8	SL-767-SA5A-SB-0.0-0.5	18		28		38	
9	SL-767-SA5A-SB-2.5-3.5	19		29		39	
10	EB1-112613 W	20		30		40	

Notes: _____

Method: X GC HPLC

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	☒	☐	☐	
Cooler temperature criteria was met.	☒	☐	☐	
II. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	☒	☐	☐	
Was a linear fit used for evaluation? If yes, were all percent relative standard deviations (%RSD) $\leq$ 20%?	☒	☐	☐	
Was a curve fit used for evaluation? If Yes, what was the acceptance criteria used?	☐	☒	☐	
Did the initial calibration meet the curve fit acceptance criteria?	☐	☐	☒	
Were the RT windows properly established?	☒	☐	☐	
III. Continuing calibration				
What type of continuing calibration calculation was performed? <u>X</u> %D or <u> </u> %R	☒	☐	☐	
Was a continuing calibration analyzed daily?	☒	☐	☐	
Were all percent differences (%D) $\leq$ 20% or percent recoveries 80-120%?	☒	☐	☐	
Were all the retention times within the acceptance windows?	☒	☐	☐	
IV. Blanks				
Was a method blank associated with every sample in this SDG?	☒	☐	☐	
Was a method blank analyzed for each matrix and concentration?	☒	☐	☐	
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.	☐	☒	☐	
V. Surrogate spikes				
Were all surrogate %R within the QC limits?	☐	☒	☐	
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?	☒	☐	☐	
If any %R was less than 10 percent, was a reanalysis performed to confirm %R?	☐	☐	☒	
VI. Matrix spike/Matrix spike/duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.	☐	☒	☐	
Was a MS/MSD analyzed every 20 samples of each matrix?	☐	☐	☒	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	☐	☐	☒	
VII. Laboratory control samples				
Was an LCS analyzed for this SDG?	☒	☐	☐	
Was an LCS analyzed per extraction batch?	☒	☐	☐	
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	☒	☐	☐	

Validation Area	Yes	No	NA	Findings/Comments
IX. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?		/		
Were the performance evaluation (PE) samples within the acceptance limits?			/	
X. Target compound identification				
Were the retention times of reported detects within the RT windows?	/			
XI. Compound quantitation/CRQLs				
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	/			
XII. System performance				
System performance was found to be acceptable.	/			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	/			
XIV. Field duplicates				
Field duplicate pairs were identified in this SDG.		/		
Target compounds were detected in the field duplicates.			/	
XV. Field blanks				
Field blanks were identified in this SDG.	/			
Target compounds were detected in the field blanks.		/		

LDC #: 31212E8

VALIDATION FINDINGS WORKSHEET

Surrogate Recovery

Page: 1 of 1

Reviewer: BR

2nd Reviewer:

METHOD: ~~GC~~ HPLC

Are surrogates required by the method? Yes ☒ or No ☐.

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Were surrogates spiked into all samples and blanks?

Y	N	N/A	Did all surrogate recoveries (%R) meet the QC limits?
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[illegible]

	Surrogate Compound		Surrogate Compound		Surrogate Compound		Surrogate Compound		
A	Chlorobenzene (CBZ)	G	Octacosane	M	Benzo(e)Pyrene	S	1-Chloro-3-Nitrobenzene	Y	Tetrachloro-m- xylene
B	4-Bromofluorobenzene (BFB)	H	Ortho-Terphenyl	N	Terphenyl-D14	T	3,4-Dinitrotoluene	Z	2-Bromonaphthalene
C	a,a,a-Trifluorotoluene	I	Fluorobenzene (FBZ)	O	Decachlorobiphenyl (DCB)	U	Triphenyltin	AA	1-Chlorooctadecane
D	Bromochlorobenene	J	n-Triacontane	P	1-methylnaphthalene	V	Tri-n-propyltin	BB	2,4-DCAA
E	1,4-Dichlorobutane	K	Hexacosane	Q	Dichlorophenyl Acetic Acid (DCAA)	W	Tributyl Phosphate		
F	1,4-Difluorobenzene (DFB)	L	Bromobenzene	R	4-Nitrophenol	X	Triphenyl Phosphate		

LDC #: 31212E8

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page 1 of 2Reviewer: BR2nd Reviewer: METHOD: GC X HPLC

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

$$CF = A/C$$

$$\text{average CF} = \text{sum of the CF/number of standards}$$

$$\%RSD = 100 * (S/X)$$

Where:

A = Area of compound

C = Concentration of compound

S = Standard deviation of calibration factors

X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (144 std)	Recalculated CF (144 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL CP23-19879A ZB-5	8/19/2013	C8-C40	22576	22576	22983	22983	7%	7%

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212E8

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page 2 of 2Reviewer: BR2nd Reviewer: METHOD: GC X HPLC

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

CF = A/C

average CF = sum of the CF/number of standards

%RSD = 100 * (S/X)

Where:

A = Area of compound

C = Concentration of compound

S = Standard deviation of calibration factors

X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (144 std)	Recalculated CF (144 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL CP23-19879B ZB-5	8/19/2013	C8-C40	25401	25401	27097	27097	10%	10%

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212E8

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Page: 1 of 1Reviewer: BR2nd Reviewer: 

METHOD: GC____HPLC____

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = $100 * (N - C)/N$

Where:

N = Initial Calibration Factor or Nominal Amount

C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	CCV Conc/CF	Reported Conc/CF	Recalculated Conc/CF	Reported % D	Recalculated %D
1	TPH_3BY	12/5/2013	C8-C40	288.01	-297.33	297.33	3	3
	19879A	22:44						
2	TPH_3DL	12/7/2013	C8-C40	288.01	259.49	259.49	10	10
	19879B	5:24						
3								

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212E8VALIDATION FINDINGS WORKSHEET
Surrogate Results VerificationPage: 1 of 1Reviewer: BR2nd reviewer: hMETHOD: ☒ GC ☐ HPLC

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate SpikedSample ID: 1

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Chlorobenzene	205	2.00	1.8682	93	93	0
Orthoterphenyl	↓	↓	1.9017	95	95	0

Sample ID: 10

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
Chlorobenzene	205	0.0129	0.0120	93	93	0
Orthoterphenyl	↓	↓	0.0117	90	90.7	0.8

Sample ID: _____

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	

LDC #: 31212E8

VALIDATION FINDINGS WORKSHEET

Page: 1 of 1Laboratory Control Sample/Laboratory Control Sample Duplicates Results VerificationReviewer: BR2nd Reviewer: [Signature]METHOD: ☒ GC ☐ HPLC

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = $100 * (SSC - SC) / SA$

Where SSC = Spiked sample concentration

SC = Sample concentration

RPD = $(((SSCLCS - SSCCLSD) * 2) / (SSCLCS + SSCCLSD)) * 100$

SA = Spike added

LCS = Laboratory Control Sample

LCSD = Laboratory Control Sample duplicate

LCS/LCSD samples: LCS 21336

Compound	Spike Added (mg/L)		Spike Sample Concentration (mg/L)		LCS		LCSD		LCS/LCSD	
					Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Gasoline (8015)										
Diesel (8015)										
Benzene (8021B)										
Methane (RSK-175)										
2,4-D (8151)										
Dinoseb (8151)										
Naphthalene (8310)										
Anthracene (8310)										
HMX (8330)										
2,4,6-Trinitrotoluene (8330)										
C8 - C11	0.15	0.15	0.15	0.1202	91	91	80	80	13	15
			0.1367							

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicate findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212E8VALIDATION FINDINGS WORKSHEET
Sample Calculation VerificationPage: 1 of 1
Reviewer: BR
2nd Reviewer: [Signature]METHOD: X GC HPLC(Y) N N/A
(Y) N N/A

Were all reported results recalculated and verified for all level IV samples?

Were all recalculated results for detected target compounds within 10% of the reported results?

Concentration= $\frac{(A)(Fv)(Df)}{(RF)(Vs \text{ or } Ws)(\%S/100)}$

Example:

Sample ID. 5Compound Name EFH (C30-C40)

5.3 mg/kg

A= Area or height of the compound to be measured

Fv= Final Volume of extract

Df= Dilution Factor

RF= Average response factor of the compound
in the initial calibration

Vs= Initial volume of the sample

Ws= Initial weight of the sample

%S= Percent Solid

$$\begin{aligned}\text{Concentration} &= \frac{(4266295)(1000)}{(27097)(30.4)(0.98)(100)} \\ &= 5.284817708 \text{ mg/kg}\end{aligned}$$

#	Sample ID	Compound	Reported Concentrations ()	Recalculated Results Concentrations ()	Qualifications

Comments: _____

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: Santa Susana Field Laboratory
Collection Date: November 26, 2013
LDC Report Date: February 7, 2014
Matrix: Soil/Water
Parameters: Dioxins/Dibenzofurans
Validation Level: Level IV
Laboratory: Eurofins Lancaster Laboratories

Sample Delivery Group (SDG): PH135

Sample Identification

SL-713-SA5A-SB-0.0-0.5
SL-713-SA5A-SB-2.5-3.5
SL-719-SA5A-SB-0.0-0.5
SL-720-SA5A-SB-0.0-0.5
SL-724-SA5A-SB-0.0-0.5
SL-738-SA5A-SB-0.0-0.5
SL-738-SA5A-SB-3.0-4.0
SL-767-SA5A-SB-0.0-0.5
SL-767-SA5A-SB-2.5-3.5
EB1-112613
EB2-112613

Introduction

This data review covers 9 soil samples and 2 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA Method 1613B for Polychlorinated Dioxins/Dibenzofurans.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and the USEPA Contract Laboratory Program National Functional Guidelines for Polychlorinated Dioxins/Dibenzofurans Data Review (September 2005).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. HRGC/HRMS Instrument Performance Check

Instrument performance was checked at the required daily frequency.

The chromatographic resolution between 2,3,7,8-TCDD and the peaks representing any other unlabeled TCDD isomers was resolved with a valley of less than or equal to 25%.

PFK and static resolving power were within validation criteria.

III. Initial Calibration

A five point initial calibration was performed as required by the method.

Percent relative standard deviations (%RSD) were less than or equal to 20.0% for unlabeled compounds and less than or equal to 35.0% for labeled compounds.

The ion abundance ratios for all PCDDs and PCDFs were within validation criteria.

The minimum S/N ratio was greater than or equal to 10 for each unlabeled compound and labeled compound.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

All of the continuing calibration percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were within QC limits.

The ion abundance ratios for all PCDDs and PCDFs were within validation criteria.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated dioxin/dibenzofuran contaminants were found in the method blanks with the following exceptions:

Method Blank ID	Extraction Date	Compound	Concentration	Associated Samples
BLK338001	12/4/13	1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.350 pg/L 0.378 pg/L 0.502 pg/L 0.542 pg/L 1.33 pg/L 0.561 pg/L 0.482 pg/L 0.228 pg/L 0.293 pg/L 0.586 pg/L 0.701 pg/L 0.579 pg/L 0.421 pg/L 2.14 pg/L	All water samples in SDG PH135
BLK345002	12/11/13	1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.0274 ng/Kg 0.0354 ng/Kg 0.0457 ng/Kg 0.0965 ng/Kg 0.227 ng/Kg 0.0394 ng/Kg 0.0682 ng/Kg 0.0382 ng/Kg 0.0320 ng/Kg 0.0882 ng/Kg 0.0358 ng/Kg 0.0522 ng/Kg 0.134 ng/Kg	All soil samples in SDG PH135

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

Sample	Compound	Reported Concentration	Modified Final Concentration
EB1-112613	OCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	1.12 pg/L 0.571 pg/L 0.431 pg/L 0.372 pg/L 0.311 pg/L 0.477 pg/L 0.426 pg/L 0.372 pg/L 0.360 pg/L 1.42 pg/L	1.12U pg/L 0.571U pg/L 0.431U pg/L 0.372U pg/L 0.311U pg/L 0.477U pg/L 0.426U pg/L 0.372U pg/L 0.360U pg/L 1.42U pg/L
EB2-112613	OCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	1.89 pg/L 0.506 pg/L 0.428 pg/L 0.434 pg/L 0.285 pg/L 0.315 pg/L 0.629 pg/L 0.549 pg/L 1.41 pg/L	1.89U pg/L 0.506U pg/L 0.428U pg/L 0.434U pg/L 0.285U pg/L 0.315U pg/L 0.629U pg/L 0.549U pg/L 1.41U pg/L

Sample	Compound	Reported Concentration	Modified Final Concentration
SL-713-SA5A-SB-0.0-0.5	1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.0412 ng/Kg 0.0690 ng/Kg 0.106 ng/Kg 0.0527 ng/Kg 0.0466 ng/Kg 0.0731 ng/Kg 0.0564 ng/Kg 0.0594 ng/Kg 0.147 ng/Kg 0.0607 ng/Kg 0.361 ng/Kg	0.0412U ng/Kg 0.0690U ng/Kg 0.106U ng/Kg 0.0527U ng/Kg 0.0466U ng/Kg 0.0731U ng/Kg 0.0564U ng/Kg 0.0594U ng/Kg 0.147U ng/Kg 0.0607U ng/Kg 0.361U ng/Kg
SL-713-SA5A-SB-2.5-3.5	1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.0457 ng/Kg 0.0416 ng/Kg 0.0616 ng/Kg 0.332 ng/Kg 0.0263 ng/Kg 0.0221 ng/Kg 0.0434 ng/Kg 0.0214 ng/Kg 0.0191 ng/Kg 0.111 ng/Kg	0.0457U ng/Kg 0.0416U ng/Kg 0.0616U ng/Kg 0.332U ng/Kg 0.0263U ng/Kg 0.0221U ng/Kg 0.0434U ng/Kg 0.0214U ng/Kg 0.0191U ng/Kg 0.111U ng/Kg
SL-719-SA5A-SB-0.0-0.5	1,2,3,4,7,8-HxCDD 1,2,3,7,8,9-HxCDD 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,4,7,8,9-HpCDF	0.108 ng/Kg 0.156 ng/Kg 0.0475 ng/Kg 0.0891 ng/Kg 0.0501 ng/Kg 0.0916 ng/Kg 0.101 ng/Kg	0.108U ng/Kg 0.156U ng/Kg 0.0475U ng/Kg 0.0891U ng/Kg 0.0501U ng/Kg 0.0916U ng/Kg 0.101U ng/Kg
SL-720-SA5A-SB-0.0-0.5	1,2,3,4,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 2,3,4,7,8-PeCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.0289 ng/Kg 0.0445 ng/Kg 0.220 ng/Kg 0.0303 ng/Kg 0.0332 ng/Kg 0.0274 ng/Kg 0.0372 ng/Kg 0.132 ng/Kg 0.0358 ng/Kg 0.588 ng/Kg	0.0289U ng/Kg 0.0445U ng/Kg 0.220U ng/Kg 0.0303U ng/Kg 0.0332U ng/Kg 0.0274U ng/Kg 0.0372U ng/Kg 0.132U ng/Kg 0.0358U ng/Kg 0.588U ng/Kg
SL-724-SA5A-SB-0.0-0.5	1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.0283 ng/Kg 0.0926 ng/Kg 0.171 ng/Kg 0.190 ng/Kg 0.0358 ng/Kg 0.0376 ng/Kg 0.0280 ng/Kg 0.0289 ng/Kg 0.0901 ng/Kg 0.0833 ng/Kg 0.0564 ng/Kg 0.208 ng/Kg	0.0283U ng/Kg 0.0926U ng/Kg 0.171U ng/Kg 0.190U ng/Kg 0.0358U ng/Kg 0.0376U ng/Kg 0.0280U ng/Kg 0.0289U ng/Kg 0.0901U ng/Kg 0.0833U ng/Kg 0.0564U ng/Kg 0.208U ng/Kg

Sample	Compound	Reported Concentration	Modified Final Concentration
SL-738-SA5A-SB-0.0-0.5	1,2,3,6,7,8-HxCDD	0.0376 ng/Kg	0.0376U ng/Kg
	1,2,3,4,6,7,8-HpCDD	0.0524 ng/Kg	0.0524U ng/Kg
	OCDD	0.427 ng/Kg	0.427U ng/Kg
	2,3,4,7,8-PeCDF	0.0331 ng/Kg	0.0331U ng/Kg
	1,2,3,4,7,8-HxCDF	0.0442 ng/Kg	0.0442U ng/Kg
	1,2,3,7,8,9-HxCDF	0.0609 ng/Kg	0.0609U ng/Kg
	1,2,3,4,6,7,8-HpCDF	0.0589 ng/Kg	0.0589U ng/Kg
	1,2,3,4,7,8,9-HpCDF	0.0204 ng/Kg	0.0204U ng/Kg
	OCDF	0.0847 ng/Kg	0.0847U ng/Kg
SL-738-SA5A-SB-3.0-4.0	1,2,3,6,7,8-HxCDD	0.0368 ng/Kg	0.0368U ng/Kg
	1,2,3,7,8,9-HxCDD	0.0571 ng/Kg	0.0571U ng/Kg
	1,2,3,4,6,7,8-HpCDD	0.108 ng/Kg	0.108U ng/Kg
	OCDD	0.311 ng/Kg	0.311U ng/Kg
	1,2,3,6,7,8-HxCDF	0.0223 ng/Kg	0.0223U ng/Kg
	1,2,3,7,8,9-HxCDF	0.0343 ng/Kg	0.0343U ng/Kg
	1,2,3,4,6,7,8-HpCDF	0.0414 ng/Kg	0.0414U ng/Kg
	1,2,3,4,7,8,9-HpCDF	0.0184 ng/Kg	0.0184U ng/Kg
	OCDF	0.0618 ng/Kg	0.0618U ng/Kg
SL-767-SA5A-SB-0.0-0.5	1,2,3,4,7,8-HxCDD	0.0400 ng/Kg	0.0400U ng/Kg
	2,3,4,7,8-PeCDF	0.120 ng/Kg	0.120U ng/Kg
	1,2,3,4,7,8-HxCDF	0.130 ng/Kg	0.130U ng/Kg
	1,2,3,6,7,8-HxCDF	0.0687 ng/Kg	0.0687U ng/Kg
	2,3,4,6,7,8-HxCDF	0.0452 ng/Kg	0.0452U ng/Kg
	1,2,3,7,8,9-HxCDF	0.214 ng/Kg	0.214U ng/Kg
	1,2,3,4,7,8,9-HpCDF	0.0486 ng/Kg	0.0486U ng/Kg
SL-767-SA5A-SB-2.5-3.5	1,2,3,4,7,8-HxCDD	0.110 ng/Kg	0.110U ng/Kg
	2,3,4,7,8-PeCDF	0.171 ng/Kg	0.171U ng/Kg
	1,2,3,4,7,8-HxCDF	0.123 ng/Kg	0.123U ng/Kg
	1,2,3,6,7,8-HxCDF	0.156 ng/Kg	0.156U ng/Kg
	2,3,4,6,7,8-HxCDF	0.125 ng/Kg	0.125U ng/Kg
	1,2,3,7,8,9-HxCDF	0.265 ng/Kg	0.265U ng/Kg
	1,2,3,4,7,8,9-HpCDF	0.0869 ng/Kg	0.0869U ng/Kg

Samples EB1-112613 and EB2-112613 were identified as equipment blanks. No polychlorinated dioxin/dibenzofuran contaminants were found with the following exceptions:

Blank ID	Sampling Date	Compound	Concentration	Associated Samples
EB1-112613	11/26/13	2,3,7,8-TCDD	0.702 pg/L	All soil samples in SDG PH135
		1,2,3,7,8-PeCDD	0.438 pg/L	
		OCDD	1.12 pg/L	
		1,2,3,7,8-PeCDF	0.571 pg/L	
		2,3,4,7,8-PeCDF	0.431 pg/L	
		1,2,3,4,7,8-HxCDF	0.372 pg/L	
		1,2,3,6,7,8-HxCDF	0.311 pg/L	
		2,3,4,6,7,8-HxCDF	0.477 pg/L	
		1,2,3,7,8,9-HxCDF	0.426 pg/L	
		1,2,3,4,6,7,8-HpCDF	0.372 pg/L	
		1,2,3,4,7,8,9-HpCDF	0.360 pg/L	
		OCDF	1.42 pg/L	

Blank ID	Sampling Date	Compound	Concentration	Associated Samples
EB2-112613	11/26/13	2,3,7,8-TCDD 1,2,3,7,8-PeCDD OCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,7,8,9-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.739 pg/L 0.622 pg/L 1.89 pg/L 0.506 pg/L 0.428 pg/L 0.434 pg/L 0.315 pg/L 0.285 pg/L 0.629 pg/L 0.549 pg/L 1.41 pg/L	No associated samples in this SDG

Sample FB-041613 (from SDG PH032) was identified as a field blank. No polychlorinated dioxin/dibenzofuran contaminants were found with the following exceptions:

Blank ID	Sampling Date	Compound	Concentration	Associated Samples
FB-041613	4/16/13	1,2,3,7,8-PeCDD 1,2,3,4,6,7,8-HpCDD OCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,7,8,9-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDF OCDF	0.434 pg/L 0.309 pg/L 0.838 pg/L 0.324 pg/L 0.429 pg/L 0.257 pg/L 0.241 pg/L 0.284 pg/L 0.314 pg/L 0.357 pg/L	All soil samples in SDG PH135

Sample concentrations were compared to concentrations detected in the field blanks. The sample concentrations were either not detected or were significantly greater (>5X for other contaminants) than the concentrations found in the associated field blanks.

VI. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VII. Ongoing Precision Recovery (OPR)

Ongoing precision recovery samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

VIII. Regional Quality Assurance and Quality Control

Not applicable.

IX. Internal Standards

All internal and recovery standard recoveries were within QC limits.

X. Target Compound Identifications

All target compound identifications were within validation criteria.

XI. Compound Quantitation

All compound quantitations were within validation criteria.

The 2,3,7,8-TCDF confirmation was performed with the following exceptions:

Sample	Compound	Finding	Criteria	Flag	A or P
SL-767-SA5A-SB-0.0-0.5 SL-767-SA5A-SB-2.5-3.5	2,3,7,8-TCDF	2nd column confirmation was not performed for this compound.	2,3,7,8-TCDF must be confirmed on the 2nd column per the method.	None	P

All compounds reported below the RL were qualified as follows:

Sample	Finding	Flag	A or P
All samples in SDG PH135	All compounds reported below the RL.	J (all detects)	A

XII. System Performance

The system performance was acceptable.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

No field duplicates were identified in this SDG.

Santa Susana Field Laboratory
Dioxins/Dibenzofurans - Data Qualification Summary - SDG PH135

SDG	Sample	Compound	Flag	A or P	Reason (Code)
PH135	SL-767-SA5A-SB-0.0-0.5 SL-767-SA5A-SB-2.5-3.5	2,3,7,8-TCDF	None	P	Compound quantitation (2nd column confirmation) (Z)
PH135	SL-713-SA5A-SB-0.0-0.5 SL-713-SA5A-SB-2.5-3.5 SL-719-SA5A-SB-0.0-0.5 SL-720-SA5A-SB-0.0-0.5 SL-724-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-0.0-0.5 SL-738-SA5A-SB-3.0-4.0 SL-767-SA5A-SB-0.0-0.5 SL-767-SA5A-SB-2.5-3.5 EB1-112613 EB2-112613	All compounds reported below the RL.	J (all detects)	A	Compound quantitation (Z)

Santa Susana Field Laboratory
Dioxins/Dibenzofurans - Laboratory Blank Data Qualification Summary - SDG PH135

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
PH135	EB1-112613	OCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	1.12U pg/L 0.571U pg/L 0.431U pg/L 0.372U pg/L 0.311U pg/L 0.477U pg/L 0.426U pg/L 0.372U pg/L 0.360U pg/L 1.42U pg/L	A	B
PH135	EB2-112613	OCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	1.89U pg/L 0.506U pg/L 0.428U pg/L 0.434U pg/L 0.285U pg/L 0.315U pg/L 0.629U pg/L 0.549U pg/L 1.41U pg/L	A	B
PH135	SL-713-SA5A-SB-0.0-0.5	1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.0412U ng/Kg 0.0690U ng/Kg 0.106U ng/Kg 0.0527U ng/Kg 0.0466U ng/Kg 0.0731U ng/Kg 0.0564U ng/Kg 0.0594U ng/Kg 0.147U ng/Kg 0.0607U ng/Kg 0.361U ng/Kg	A	B

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
PH135	SL-713-SA5A-SB-2.5-3.5	1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.0457U ng/Kg 0.0416U ng/Kg 0.0616U ng/Kg 0.332U ng/Kg 0.0263U ng/Kg 0.0221U ng/Kg 0.0434U ng/Kg 0.0214U ng/Kg 0.0191U ng/Kg 0.111U ng/Kg	A	B
PH135	SL-719-SA5A-SB-0.0-0.5	1,2,3,4,7,8-HxCDD 1,2,3,7,8,9-HxCDD 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,4,7,8,9-HpCDF	0.108U ng/Kg 0.156U ng/Kg 0.0475U ng/Kg 0.0891U ng/Kg 0.0501U ng/Kg 0.0916U ng/Kg 0.101U ng/Kg	A	B
PH135	SL-720-SA5A-SB-0.0-0.5	1,2,3,4,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 2,3,4,7,8-PeCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.0289U ng/Kg 0.0445U ng/Kg 0.220U ng/Kg 0.0303U ng/Kg 0.0332U ng/Kg 0.0274U ng/Kg 0.0372U ng/Kg 0.132U ng/Kg 0.0358U ng/Kg 0.588U ng/Kg	A	B
PH135	SL-724-SA5A-SB-0.0-0.5	1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.0283U ng/Kg 0.0926U ng/Kg 0.171U ng/Kg 0.190U ng/Kg 0.0358U ng/Kg 0.0376U ng/Kg 0.0280U ng/Kg 0.0289U ng/Kg 0.0901U ng/Kg 0.0833U ng/Kg 0.0564U ng/Kg 0.208U ng/Kg	A	B
PH135	SL-738-SA5A-SB-0.0-0.5	1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.0376U ng/Kg 0.0524U ng/Kg 0.427U ng/Kg 0.0331U ng/Kg 0.0442U ng/Kg 0.0609U ng/Kg 0.0589U ng/Kg 0.0204U ng/Kg 0.0847U ng/Kg	A	B
PH135	SL-738-SA5A-SB-3.0-4.0	1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF	0.0368U ng/Kg 0.0571U ng/Kg 0.108U ng/Kg 0.311U ng/Kg 0.0223U ng/Kg 0.0343U ng/Kg 0.0414U ng/Kg 0.0184U ng/Kg 0.0618U ng/Kg	A	B

SDG	Sample	Compound	Modified Final Concentration	A or P	Code
PH135	SL-767-SA5A-SB-0.0-0.5	1,2,3,4,7,8-HxCDD 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,7,8,9-HpCDF	0.0400U ng/Kg 0.120U ng/Kg 0.130U ng/Kg 0.0687U ng/Kg 0.0452U ng/Kg 0.214U ng/Kg 0.0486U ng/Kg	A	B
PH135	SL-767-SA5A-SB-2.5-3.5	1,2,3,4,7,8-HxCDD 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,7,8,9-HpCDF	0.110U ng/Kg 0.171U ng/Kg 0.123U ng/Kg 0.156U ng/Kg 0.125U ng/Kg 0.265U ng/Kg 0.0869U ng/Kg	A	B

Santa Susana Field Laboratory

Dioxins/Dibenzofurans - Field Blank Data Qualification Summary - SDG PH135

No Sample Data Qualified in this SDG

LDC #: 31212E21

VALIDATION COMPLETENESS WORKSHEET

SDG #: PH135

Level IV

Laboratory: Eurofins Lancaster Laboratories

Date: 1-28-14

Page: 1 of 1

Reviewer: SM2nd Reviewer: SM**METHOD:** HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 11/26/13
II.	HRGC/HRMS Instrument performance check	A	
III.	Initial calibration	A	≤ 20/35
IV.	Continuing Calibration	A	QC limits
V.	Blanks	SW	
VI.	Matrix spike/Matrix spike duplicates	N	client
VII.	Laboratory control samples	A	OPR
VIII.	Regional quality assurance and quality control	N	
IX.	Internal standards	A	
X.	Target compound identifications	A	
XI.	Compound quantitation/RL/LQ/LODs	SW	
XII.	System performance	A	
XIII.	Overall assessment of data	A	
XIV.	Field duplicates	N	
XV.	Field blanks	SW	EB=10+11, FB=FB-04/10/13 (PH032)

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples:

2 waters | 9 soils

12	SL-713-SA5A-SB-0.0-0.5	11	EB2-112613	21		31	
22	SL-713-SA5A-SB-2.5-3.5	12		22		32	
32	SL-719-SA5A-SB-0.0-0.5	13		23		33	
42	SL-720-SA5A-SB-0.0-0.5	14		24		34	
52	SL-724-SA5A-SB-0.0-0.5	15		25		35	
62	SL-738-SA5A-SB-0.0-0.5	16		26		36	
72	SL-738-SA5A-SB-3.0-4.0	17		27		37	
82	SL-767-SA5A-SB-0.0-0.5	18		28		38	
92	SL-767-SA5A-SB-2.5-3.5	19		29	BLK 338001	39	
101	EB1-112613	20		30	BLK 345002	40	

Notes:

Method: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	/			
Cooler temperature criteria was met.	/			
II. GC/MS Instrument performance check				
Was PFK exact mass 380.9760 verified?	/			
Were the retention time windows established for all homologues?	/			
Was the chromatographic resolution between 2,3,7,8-TCDD and peaks representing any other unlabeled TCDD isomers $\leq 25\%$?	/			
Is the static resolving power at least 10,000 (10% valley definition)?	/			
Was the mass resolution adequately check with PFK?	/			
Was the presence of 1,2,8,9-TCDD and 1,3,4,6,8-PeCDF verified?	/			
III. Initial calibration				
Was the initial calibration performed at 5 concentration levels?	/			
Were all percent relative standard deviations (%RSD) $\leq 20\%$ for unlabeled compounds and $\leq 35\%$ for labeled compounds?	/			
Did all calibration standards meet the Ion Abundance Ratio criteria?	/			
Was the signal to noise ratio for each target compound ≥ 2.5 and for each recovery and internal standard > 10 ?	/			
IV. Continuing calibration				
Was a routine calibration performed at the beginning and end of each 12 hour period?	/			
Were all the concentrations for the unlabeled compounds and labeled compounds within the QC limits (Method 1613B, Table 6)?	/			
Did all routine calibration standards meet the Ion Abundance Ratio criteria?	/			
V. Blanks				
Was a method blank associated with every sample in this SDG?	/			
Was a method blank performed for each matrix and concentration?	<u>0</u>		<u>X</u>	
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet?	/			
VI. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.			/	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			/	
VII. Laboratory control samples				
Was an LCS analyzed for this SDG?	/			
Was an LCS analyzed per extraction batch?	/			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	/			

Validation Area	Yes	No	NA	Findings/Comments
VIII. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?			/	
Were the performance evaluation (PE) samples within the acceptance limits?			/	
IX. Internal standards				
Were internal standard recoveries within the 25-150% criteria?	/			
Was the minimum S/N ratio of all internal standard peaks > 10 ?	/			
X. Target compound identification				
For 2,3,7,8 substituted congeners with associated labeled standards, were the retention times of the two quantitation peaks within ± 1 to 3 sec. of the RT of the labeled standard?	/			
For 2,3,7,8 substituted congeners without associated labeled standards, were the relative retention times of the two quantitation peaks within 0.005 time units of the RRT measured in the routine calibration?	/			
For non-2,3,7,8 substituted congeners, were the retention times of the two quantitation peaks within RT established in the performance check solution?			/	
Did compound spectra contain all characteristic ions listed in the table attached?	/			
Was the Ion Abundance Ratio for the two quantitation ions within criteria?		/		
Was the signal to noise ratio for each target compound and labeled standard ≥ 2.5 ?	/			
Does the maximum intensity of each specified characteristic ion coincide within ± 2 seconds (includes labeled standards)?	/			
For PCDF identification, was any signal ($S/N \geq 2.5$, at $\pm$ seconds RT) detected in the corresponding PCDF channel?		/		
Was an acceptable lock mass recorded and monitored?	/			
XI. Compound quantitation/CRQLs				
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?	/			
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	/			
XII. System performance				
System performance was found to be acceptable.	/			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.				
XIV. Field duplicates				
Field duplicate pairs were identified in this SDG.			/	
Target compounds were detected in the field duplicates.			/	
XV. Field blanks				
Field blanks were identified in this SDG.	/			
Target compounds were detected in the field blanks.	/			

VALIDATION FINDINGS WORKSHEET

METHOD: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

A. 2,3,7,8-TCDD	F. 1,2,3,4,6,7,8-HpCDD	K. 1,2,3,4,7,8-HxCDF	P. 1,2,3,4,7,8,9-HpCDF	U. Total HpCDD
B. 1,2,3,7,8-PeCDD	G. OCDD	L. 1,2,3,6,7,8-HxCDF	Q. OCDF	V. Total TCDF
C. 1,2,3,4,7,8-HxCDD	H. 2,3,7,8-TCDF	M. 2,3,4,6,7,8-HxCDF	R. Total TCDD	W. Total PeCDF
D. 1,2,3,6,7,8-HxCDD	I. 1,2,3,7,8-PeCDF	N. 1,2,3,7,8,9-HxCDF	S. Total PeCDD	X. Total HxCDF
E. 1,2,3,7,8,9-HxCDD	J. 2,3,4,7,8-PeCDF	O. 1,2,3,4,6,7,8-HpCDF	T. Total HxCDD	Y. Total HpCDF

Notes: _____

VALIDATION FINDINGS WORKSHEET Blanks

METHOD: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

☒ N N/A

Were all samples associated with a method blank?

☒ N N/A

Was a method blank performed for each matrix and whenever a sample extraction was performed?

☒ N N/A

Was the method blank contaminated?

Blank extraction date: 12/04/13 Blank analysis date: 12/05/13 Associated samples: All waters Qual U (B)

Conc. units: pg/L

Compound	Blank ID	Sample Identification							
	BLK338001	5x	10	11					
C	0.350*	1.75							
D	0.378	1.89							
E	0.502*	2.51							
F	0.542*	2.71							
G	1.33	6.65	1.12	1.89					
I	0.561	2.81	0.571*	0.506					
J	0.482*	2.41	0.431*	0.428*					
K	0.228*	1.14	0.372*	0.434*					
L	0.293*	1.47	0.311*						
M	0.586*	2.93	0.477*	0.285*					
N	0.701	3.51	0.426*	0.315*					
O	0.579	2.90	0.372	0.629*					
P	0.421*	2.11	0.360*	0.549*					
Q	2.14*	10.70	1.42*	1.41*					

*EMPC

VALIDATION FINDINGS WORKSHEET **Blanks**

METHOD: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

☒ Y ☐ N ☐ N/A

Were all samples associated with a method blank?

☒ Y ☐ N ☐ N/A

Was a method blank performed for each matrix and whenever a sample extraction was performed?

☒ Y ☐ N ☐ N/A

Was the method blank contaminated?

Blank extraction date: 12/11/13 Blank analysis date: 12/12/13 Associated samples: All soils Qual U (B)

Conc. units: ng/kg

Compound	Blank ID	Sample Identification									
		5x	1	2	3	4	5	6	7	8	9
	BLK345002										
C	0.0274*	0.137	0.0412*		0.108*	0.0289*	0.0283*			0.0400*	0.110*
D	0.0354*	0.177	0.0690	0.0457*			0.0926*	0.0376*	0.0368*		
E	0.0457*	0.229	0.106*	0.0416*	0.156*	0.0445	0.171*		0.0571*		
F	0.0965*	0.483		0.0616*		0.220	0.190*	0.0524*	0.108		
G	0.227*	1.14		0.332				0.427	0.311*		
J	0.0394*	0.197	0.0527*		0.0475*	0.0303*	0.0358*	0.0331*		0.120*	0.171*
K	0.0682*	0.341	0.0466		0.0891		0.0376*	0.0442*		0.130*	0.123*
L	0.0382	0.191	0.0731	0.0263*	0.0501*	0.0332	0.0280*		0.0223*	0.0687*	0.156
M	0.0320*	0.160	0.0564*	0.0221*	0.0916	0.0274	0.0289*			0.0452*	0.125*
N	0.0882	0.441	0.0594	0.0434*		0.0372*	0.0901*	0.0609	0.0343*	0.214	0.265*
O	0.0358	0.179	0.147	0.0214*		0.132*	0.0833	0.0589*	0.0414*		
P	0.0522*	0.261	0.0607*	0.0191*	0.101	0.0358*	0.0564*	0.0204*	0.0184	0.0486*	0.0869
Q	0.134*	0.670	0.361*	0.111*		0.588	0.208*	0.0847*	0.0618*		

*EMPC

VALIDATION FINDINGS WORKSHEET **Field Blanks**

METHOD: HRGC/HRMS Dioxins (EPA Method 1613B)

Blank units: pg/L Associated sample units: ng/kgSampling date: 11/26/13Field blank type: (circle one) Field Blank / Rinsate / Other: EB Associated Samples: All soils >5x

Compound	Blank ID	Sample Identification							
	10	5x							
A	0.702*	0.00351							
B	0.438*	0.00219							
G	1.12	0.00560							
I	0.571*	0.00286							
J	0.431*	0.00216							
K	0.372*	0.00186							
L	0.311*	0.00156							
M	0.477*	0.00239							
N	0.426*	0.00213							
O	0.372	0.00186							
P	0.360*	0.00180							
Q	1.42*	0.00710							

* EMPC

EB1-112613 (PH135)

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:
All contaminants within five times the blank concentration were qualified as not detected, "U".

V:\Field Blanks\31212E21_EB1-112613.wpd

VALIDATION FINDINGS WORKSHEET
Field Blanks

METHOD: HRGC/HRMS Dioxins (EPA Method 1613B)

Blank units: pg/L Associated sample units: ng/kg

Sampling date: 11/26/13

Field blank type: (circle one) Field Blank / Rinsate / Other: EB Associated Samples: NA

Compound	Blank ID	Sample Identification							
	11								
A	0.739*								
B	0.622								
G	1.89								
I	0.506								
J	0.428*								
K	0.434*								
N	0.315*								
M	0.285*								
O	0.629*								
P	0.549*								
Q	1.41*								

* EMPC

EB2-112613 (PH135)

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:
All contaminants within five times the blank concentration were qualified as not detected, "U".

V:\Field Blanks\31212E21_EB2-112613.wpd

VALIDATION FINDINGS WORKSHEET **Field Blanks**

METHOD: HRGC/HRMS Dioxins (EPA Method 1613B)

Blank units: pg/L **Associated sample units:** ng/kg

Sampling date: 04/16/13

Field blank type: (circle one) Field Blank / Rinsate / Other: FB **Associated Samples:** All soils >5x

Compound	Blank ID	Sample Identification								
	FB-041613	5X								
B	0.434*	0.00217								
F	0.309*	0.00155								
G	0.838*	0.00419								
I	0.324	0.00162								
J	0.429*	0.00215								
K	0.257	0.00129								
N	0.241*	0.00121								
M	0.284*	0.00142								
O	0.314*	0.00157								
Q	0.357*	0.00179								

* EMPC

FB-041613 (PH032)

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:
 All contaminants within five times the blank concentration were qualified as not detected, "U".

V:\Field Blanks\31212E21_FB-041613.wpd

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Were the correct internal standard (IS), quantitation ions and relative response factors (RRF) used to quantitate the compound? Compound quantitation and RLs were adjusted to reflect all sample dilutions and dry weight factors (if necessary).

P:\Dx COMQUA\COMQUA_CDM.wpd

VALIDATION FINDINGS WORKSHEET Initial Calibration Calculation Verification

METHOD: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$$RRF = (A_x)(C_{is}) / (A_{is})(C_x)$$

average RRF = sum of the RRFs/number of standards

$$\%RSD = 100 * (S/X)$$

A_x = Area of compound,

C_x = Concentration of compound,

S = Standard deviation of the RRFs,

A_{is} = Area of associated internal standard

C_{is} = Concentration of internal standard

X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (Reference Internal Standard)	Reported	Recalculated	Reported	Recalculated	Reported	Recalculated
				Average RRF (initial)	Average RRF (initial)	RRF (CS ₃ std)	RRF (CS ₃ std)	%RSD	%RSD
1	ICAL DFIT280	11-19-13	2,3,7,8-TCDF (¹³ C-2,3,7,8-TCDF)	1.010	1.010	0.967	0.967	3.59	3.59
			2,3,7,8-TCDD (¹³ C-2,3,7,8-TCDD)	1.104	1.104	1.003	1.003	9.70	9.69
			1,2,3,6,7,8-HxCDD (¹³ C-1,2,3,6,7,8-HxCDD)	0.934	0.934	0.922	0.922	1.89	1.90
			1,2,3,4,6,7,8-HpCDD (¹³ C-1,2,4,6,7,8,-HpCDD)	1.028	1.028	0.995	0.994	2.33	2.32
			OCDF (¹³ C-OCDF)	0.973	0.973	0.963	0.963	3.38	3.37
2	ICAL DF18471	9-22-13	2,3,7,8-TCDF (¹³ C-2,3,7,8-TCDF)	1.008	1.008	1.043	1.043	4.15	4.14
			2,3,7,8-TCDD (¹³ C-2,3,7,8-TCDD)	1.109	1.109	1.125	1.125	1.62	1.60
			1,2,3,6,7,8-HxCDD (¹³ C-1,2,3,6,7,8-HxCDD)	0.949	0.949	0.995	0.995	4.48	4.48
			1,2,3,4,6,7,8-HpCDD (¹³ C-1,2,4,6,7,8,-HpCDD)	1.056	1.056	1.079	1.079	1.66	1.66
			OCDF (¹³ C-OCDF)	0.963	0.963	0.998	0.998	2.75	2.75
3			2,3,7,8-TCDF (¹³ C-2,3,7,8-TCDF)						
			2,3,7,8-TCDD (¹³ C-2,3,7,8-TCDD)						
			1,2,3,6,7,8-HxCDD (¹³ C-1,2,3,6,7,8-HxCDD)						
			1,2,3,4,6,7,8-HpCDD (¹³ C-1,2,4,6,7,8,-HpCDD)						
			OCDF (¹³ C-OCDF)						

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

VALIDATION FINDINGS WORKSHEET **Routine Calibration Results Verification**

METHOD: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

$$\% \text{ Difference} = 100 * (\text{ave. RRF} - \text{RRF}) / \text{ave. RRF}$$

$$\text{RRF} = (A_x)(C_{is}) / (A_{is})(C_x)$$

Where: ave. RRF = initial calibration average RRF

RRF = continuing calibration RRF

A_x = Area of compound,

C_x = Concentration of compound,

A_{is} = Area of associated internal standard

C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference Internal Standard)	Spiked Conc (ng/mL)	Reported	Recalculated	Reported	Recalculated
					Conc (ng/mL)	Conc (ng/mL)	%R %D	%R %D
1	CS3CC02 DF17280	12-5-13	2,3,7,8-TCDF (^{13}C -2,3,7,8-TCDF)	10	10.35	10.35	104	104
			2,3,7,8-TCDD (^{13}C -2,3,7,8-TCDD)	10	10.09	10.09	101	101
			1,2,3,6,7,8-HxCDD (^{13}C -1,2,3,6,7,8-HxCDD)	50	52.61	52.61	105	105
			1,2,3,4,6,7,8-HpCDD (^{13}C -1,2,4,6,7,8,-HpCDD)	50	51.87	51.86	104	104
			OCDF (^{13}C -OCDF)	100	99.76	99.79	100	100
2	CS3CC02 DF18471	12-12-13	2,3,7,8-TCDF (^{13}C -2,3,7,8-TCDF)	10	8.93	8.93	89	89
			2,3,7,8-TCDD (^{13}C -2,3,7,8-TCDD)	10	9.46	9.46	95	95
			1,2,3,6,7,8-HxCDD (^{13}C -1,2,3,6,7,8-HxCDD)	50	49.05	49.05	98	98
			1,2,3,4,6,7,8-HpCDD (^{13}C -1,2,4,6,7,8,-HpCDD)	50	46.56	46.55	93	93
			OCDF (^{13}C -OCDF)	100	91.86	91.89	92	92
3	CS3CC03 DF18471	12-13-13	2,3,7,8-TCDF (^{13}C -2,3,7,8-TCDF)	10	9.42	9.42	94	94
			2,3,7,8-TCDD (^{13}C -2,3,7,8-TCDD)	10	9.08	9.08	91	91
			1,2,3,6,7,8-HxCDD (^{13}C -1,2,3,6,7,8-HxCDD)	50	48.09	48.09	96	96
			1,2,3,4,6,7,8-HpCDD (^{13}C -1,2,4,6,7,8,-HpCDD)	50	46.42	46.41	93	93
			OCDF (^{13}C -OCDF)	100	95.58	95.61	96	96

Comments: Refer to Routine Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

VALIDATION FINDINGS WORKSHEET **Laboratory Control Sample Results Verification**

METHOD: GC/MS Dioxins/Dibenzofurans (EPA Method 1613B)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratory control sample and laboratory control sample duplicate (if applicable) were recalculated for the compounds identified below using the following calculation:

% Recovery = $100 * SSC/SA$

Where: SSC = Spiked sample concentration
 SA = Spike added

$RPD = |LCS - LCSD| * 2 / (LCS + LCSD)$

LCS = Laboratory control sample percent recovery

LCSD = Laboratory control sample duplicate percent recovery

LCS ID: OPR338001

Compound	Spike Added (pg/L)		Spiked Sample Concentration (pg/L)		LCS		LCSD		LCS/LCSD	
					Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc	Reported	Recalc	Reported	Recalculated
2,3,7,8-TCDD	200	NA	215	NA	107	107				
1,2,3,7,8-PeCDD	1000		1070		107	107				
1,2,3,4,7,8-HxCDD	1000		1100		110	110				
1,2,3,4,7,8,9-HpCDF	1000		1070		107	107				
OCDF	2000		2070		104	104				

Comments: Refer to Laboratory Control Sample findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

VALIDATION FINDINGS WORKSHEET

Sample Calculation Verification

METHOD: HRGC/HRMS Dioxins/Dibenzofurans (EPA Method 1613B)

Y	N	N/A
Y	N	N/A

Were all reported results recalculated and verified for all level IV samples?

Were all recalculated results for detected target compounds agree within 10.0% of the reported results?

$$\text{Concentration} = \frac{(A_x)(I_s)(DF)}{(A_{is})(RRF)(V_o)(\%S)}$$

A_x = Area of the characteristic ion (EICP) for the compound to be measured

A_{is} = Area of the characteristic ion (EICP) for the specific internal standard

I_s = Amount of internal standard added in nanograms (ng)

V_o = Volume or weight of sample extract in milliliters (ml) or grams (g).

RRF = Relative Response Factor (average) from the initial calibration

Df = Dilution Factor.

%S = Percent solids, applicable to soil and solid matrices only.

Example:

Sample I.D. 1, G:

$$\text{Conc.} = \frac{78504 \times 1816 \times (4000) \times (1)}{(819512 + 735907) \times (1.076) \times (10.06) \times (1.961)}$$

[illegible]

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: Santa Susana Field Laboratory

Collection Date: November 26, 2013

LDC Report Date: February 7, 2014

Matrix: Soil/Water

Parameters: Terphenyls

Validation Level: Level IV

Laboratory: Eurofins Lancaster Laboratories

Sample Delivery Group (SDG): PH135

Sample Identification

SL-719-SA5A-SB-0.0-0.5

SL-720-SA5A-SB-0.0-0.5

EB1-112613

SL-719-SA5A-SB-0.0-0.5MS

SL-719-SA5A-SB-0.0-0.5MSD

Introduction

This data review covers 4 soil samples and one water sample listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8015B for Terphenyls.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Initial Calibration

Initial calibration was performed as required by the method.

The percent relative standard deviations (%RSD) of calibration factors for compounds were less than or equal to 20.0%.

III. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) were less than or equal to 20.0% for all compounds.

The percent differences (%D) of the second source calibration standard were less than or equal to 20.0% for all compounds.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No terphenyl contaminants were found in the method blanks.

Sample EB1-112613 was identified as an equipment blank. No terphenyl contaminants were found.

Sample FB-041613 (from SDG PH032) was identified as a field blank. No terphenyl contaminants were found.

V. Surrogate Recovery

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Target Compound Identification

All target compound identifications were within validation criteria.

IX. Compound Quantitation

All compound quantitations were within validation criteria.

All compounds reported below the RL were qualified as follows:

Sample	Finding	Flag	A or P
All samples in SDG PH135	All compounds reported below the RL.	J (all detects)	A

X. System Performance

The system performance was acceptable.

XI. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XII. Field Duplicates

No field duplicates were identified in this SDG.

Santa Susana Field Laboratory
Terphenyls - Data Qualification Summary - SDG PH135

SDG	Sample	Compound	Flag	A or P	Reason
PH135	SL-719-SA5A-SB-0.0-0.5 SL-720-SA5A-SB-0.0-0.5 EB1-112613	All compounds reported below the RL.	J (all detects)	A	Compound quantitation (RL)

Santa Susana Field Laboratory
Terphenyls - Laboratory Blank Data Qualification Summary - SDG PH135

No Sample Data Qualified in this SDG

Santa Susana Field Laboratory
Terphenyls - Field Blank Data Qualification Summary - SDG PH135

No Sample Data Qualified in this SDG

LDC #: 31212E41 **VALIDATION COMPLETENESS WORKSHEET**

SDG #: PH135

Level IV

Laboratory: Eurofins Lancaster Laboratories

Date: 2/5/14

Page: 1 of 1

Reviewer: BR

2nd Reviewer: SM

METHOD: GC Terphenyls (EPA SW 846 Method 8015B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 11/26/13
II.	Initial calibration	A	$RSD \leq 20\%$
III.	Calibration verification/ICV	A	$ICV/CCV \leq 20\%$
IV.	Blanks	A	
V.	Surrogate recovery	A	
VI.	Matrix spike/Matrix spike duplicates	A	
VII.	Laboratory control samples	A	LCS 10
VIII.	Target compound identification	A	
IX.	Compound quantitation/RL/LOQ/LODs	A	
X.	System Performance	A	
XI.	Overall assessment of data	A	
XII.	Field duplicates	N	
XIII.	Field blanks	ND	EB = 3 FB = FB-041413 (SDG # PH-032)

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples: Soil + Water

1	SL-719-SA5A-SB-0.0-0.5	11		21		31	PBLK13332
2	SL-720-SA5A-SB-0.0-0.5	12		22		32	PBLK26329
3	EB1-112613 W	13		23		33	
4	#1 MS	14		24		34	
5	#1 MSD	15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes: _____

Method: X GC HPLC

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	☒	☐	☐	
Cooler temperature criteria was met.	☒	☐	☐	
II. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	☒	☐	☐	
Was a linear fit used for evaluation? If yes, were all percent relative standard deviations (%RSD) $\leq$ 20%?	☒	☐	☐	
Was a curve fit used for evaluation? If Yes, what was the acceptance criteria used?	☐	☒	☐	
Did the initial calibration meet the curve fit acceptance criteria?	☐	☐	☒	
Were the RT windows properly established?	☒	☐	☐	
IV. Continuing calibration				
What type of continuing calibration calculation was performed? <u>X</u> %D or <u> </u> %R	☒	☐	☐	
Was a continuing calibration analyzed daily?	☒	☐	☐	
Were all percent differences (%D) $\leq$ 20% or percent recoveries 80-120%?	☒	☐	☐	
Were all the retention times within the acceptance windows?	☒	☐	☐	
V. Blanks				
Was a method blank associated with every sample in this SDG?	☒	☐	☐	
Was a method blank analyzed for each matrix and concentration?	☒	☐	☐	
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.	☐	☒	☐	
VI. Surrogate spikes				
Were all surrogate %R within the QC limits?	☒	☐	☐	
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?	☐	☐	☒	
If any %R was less than 10 percent, was a reanalysis performed to confirm %R?	☐	☐	☒	
VII. Matrix spike/Matrix spike/duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.	☒	☐	☐	
Was a MS/MSD analyzed every 20 samples of each matrix?	☒	☐	☐	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	☒	☐	☐	
VIII. Laboratory control samples				
Was an LCS analyzed for this SDG?	☒	☐	☐	
Was an LCS analyzed per extraction batch?	☒	☐	☐	
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	☒	☐	☐	

Validation Area	Yes	No	NA	Findings/Comments
IX. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?		/		
Were the performance evaluation (PE) samples within the acceptance limits?			/	
X. Target compound identification				
Were the retention times of reported detects within the RT windows?	/			
XI. Compound quantitation/CRQLs				
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	/			
XII. System performance				
System performance was found to be acceptable.	/			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	/			
XIV. Field duplicates				
Field duplicate pairs were identified in this SDG.		/		
Target compounds were detected in the field duplicates.			/	
XV. Field blanks				
Field blanks were identified in this SDG.	/			
Target compounds were detected in the field blanks.		/		

LDC #: 31212E41

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page 1 of 1Reviewer: BR2nd Reviewer: SmMETHOD: GC X HPLC _____

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

$$CF = A/C$$

$$\text{average CF} = \text{sum of the CF/number of standards}$$

$$\%RSD = 100 * (S/X)$$

Where:

A = Area of compound

C = Concentration of compound

S = Standard deviation of calibration factors

X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (77600 std)	Recalculated CF (77600 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL TERPU312B	11/7/2013	m-Tephenyl	25.9	25.9	25.7	25.7	10	10

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212E41

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Page: 1 of 1
Reviewer: BR
2nd Reviewer: Sm

METHOD: GC _____ HPLC _____

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

$$\text{Percent difference (\%D)} = 100 * (N - C)/N$$

Where:

N = Initial Calibration Factor or Nominal Amount

C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	CCV Conc/CF	Reported Conc/CF	Recalculated Conc/CF	Reported % D	Recalculated %D
1	TERP3HO	12/9/2013 18:27	m-Tephenyl	38800.00	39594.13	39594.15	2	2
2	TERP3HQ	12/10/2013 15:46	m-Tephenyl	38800.00	39481.19	39481.17	2	2
3								

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212E41VALIDATION FINDINGS WORKSHEET
Surrogate Results VerificationPage: 1 of 1Reviewer: BR2nd reviewer: SmMETHOD: X GC HPLC

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate SpikedSample ID: 1

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
n-Triacontane-d62	2B5	1330	1545.17	116	116	0

Sample ID: 3

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
n-Triacontane-d62				101		

Sample ID:

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	

LDC #: 3121241

VALIDATION FINDINGS WORKSHEET **Matrix Spike/Matrix Spike Duplicates Results Verification**

Page: 1 of 1Reviewer: BR2nd Reviewer: SmMETHOD: XGC HPLC

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

$$\% \text{Recovery} = 100 * (\text{SSC} - \text{SC}) / \text{SA}$$

Where

SSC = Spiked sample concentration

MS = Matrix spike

SC = Sample concentration

MSD = Matrix spike duplicate

$$\text{RPD} = ((\text{SSCMS} - \text{SSCMSD}) * 2) / (\text{SSCMS} + \text{SSCMSD}) * 100$$

SA = Spike added

MS/MSD samples: 4/5

Compound	Spike Added		Sample Conc.	Spike Sample Concentration		Matrix spike		Matrix Spike Duplicate		MS/MSD	
	(µg/kg)			(µg/kg)		Percent Recovery		Percent Recovery		RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Gasoline (8015)											
Diesel (8015)											
Benzene (8021B)											
Methane (RSK-175)											
2,4-D (8151)											
Dinoseb (8151)											
Naphthalene (8310)											
Anthracene (8310)											
HMX (8330)											
2,4,6-Trinitrotoluene (8330)											
o-Terphenyl	2630	2630	0	2609.79	2617.75	99	99	100	99.5	0	0.3

Comments: Refer to Matrix Spike/Matrix Spike Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 3121204

VALIDATION FINDINGS WORKSHEET

Page: 1 of 1Laboratory Control Sample/Laboratory Control Sample Duplicates Results VerificationReviewer: BR2nd Reviewer: SMMETHOD: ☒ GC ☐ HPLC

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = $100 * (SSC - SC) / SA$

Where SSC = Spiked sample concentration

SC = Sample concentration

SA = Spike added

RPD = $((SSCLCS - SSCLCSD) * 2) / (SSCLCS + SSCLCSD) * 100$

LCS = Laboratory Control Sample

LCSD = Laboratory Control Sample duplicate

LCS/LCSD samples: LCS/D - 13332

Compound	Spike Added (<u>ug/L</u>)		Spike Sample Concentration (<u>ug/L</u>)		LCS		LCSD		LCS/LCSD	
					Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Gasoline (8015)										
Diesel (8015)										
Benzene (8021B)										
Methane (RSK-175)										
2,4-D (8151)										
Dinoseb (8151)										
Naphthalene (8310)										
Anthracene (8310)										
HMX (8330)										
2,4,6-Trinitrotoluene (8330)										
<u>o-Terphenyl</u>	<u>80</u>	<u>80</u>	<u>79.76</u>	<u>78.14</u>	<u>100</u>	<u>100</u>	<u>98</u>	<u>98</u>	<u>2</u>	<u>2.1</u>

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicate findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212E41VALIDATION FINDINGS WORKSHEET
Sample Calculation VerificationPage: 1 of 1Reviewer: BR2nd Reviewer: PHMETHOD: ☒ GC ☐ HPLC

Y	N	N/A
Y	N	N/A

Were all reported results recalculated and verified for all level IV samples?

Were all recalculated results for detected target compounds within 10% of the reported results?

Concentration= $\frac{(A)(F_v)(D_f)}{(RF)(V_s \text{ or } W_s)(\%S/100)}$

Example:

Sample ID. 1 Compound Name m-Terphenyl

A= Area or height of the compound to be measured

Fv= Final Volume of extract

Df= Dilution Factor

RF= Average response factor of the compound
In the initial calibration

Vs= Initial volume of the sample

Ws= Initial weight of the sample

%S= Percent Solid

$$\begin{aligned}\text{Concentration} &= \frac{(83713)(1)(1000)}{(25.6609)(30.1)(0.968)(1000)} \\ &= 0.11196496 \text{ mg/kg}\end{aligned}$$

#	Sample ID	Compound	Reported Concentrations ()	Recalculated Results Concentrations ()	Qualifications

Comments: _____

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: Santa Susana Field Laboratory

Collection Date: November 26, 2013

LDC Report Date: February 11, 2014

Matrix: Water

Parameters: Formaldehyde

Validation Level: Level IV

Laboratory: Eurofins Lancaster Laboratories

Sample Delivery Group (SDG): PH135

Sample Identification

EB2-112613

Introduction

This data review covers one water sample listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8315A for Formaldehyde.

This review follows the Quality Assurance Project Plan for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Initial Calibration

Initial calibration of compounds was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

Retention time windows were evaluated and considered technically acceptable.

III. Calibration Verification

Calibration verification was performed at required frequencies. The percent differences (%D) of amounts in continuing standard mixtures were within the 20.0% QC limits.

Retention times (RT) of all compounds in the calibration standards were within QC limits.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No formaldehyde was found in the method blanks.

Sample EB2-112613 was identified as an equipment blank. No formaldehyde was found.

V. Surrogate Recovery

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VI. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VII. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Target Compound Identification

All target compound identifications were within validation criteria.

IX. Compound Quantitation

All compound quantitations were within validation criteria.

All compounds reported below the RL were qualified as follows:

Sample	Finding	Flag	A or P
All samples in SDG PH135	All compounds reported below the RL.	J (all detects)	A

X. System Performance

The system performance was acceptable.

XI. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XII. Field Duplicates

No field duplicates were identified in this SDG.

Santa Susana Field Laboratory
Formaldehyde - Data Qualification Summary - SDG PH135

SDG	Sample	Compound	Flag	A or P	Reason
PH135	EB2-112613	All compounds reported below the RL.	J (all detects)	A	Compound quantitation (Z)

Santa Susana Field Laboratory
Formaldehyde - Laboratory Blank Data Qualification Summary - SDG PH135

No Sample Data Qualified in this SDG

Santa Susana Field Laboratory
Formaldehyde - Field Blank Data Qualification Summary - SDG PH135

No Sample Data Qualified in this SDG

LDC #: 31212E71 **VALIDATION COMPLETENESS WORKSHEET**

SDG #: PH135

Level IV

Laboratory: ~~Test America, Inc.~~ Eurofins Lancaster Laboratories.

Date: 2/5/14

Page: 1 of 1

Reviewer: BR

2nd Reviewer: SM

METHOD: HPLC Formaldehyde (EPA SW 846 Method 8315A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 11/26/13
II.	Initial calibration	A	RSD ≤ 20%
III.	Calibration verification/ICV	A	1 CV/ CV ≤ 20%
IV.	Blanks	A	
V.	Surrogate recovery	A	
VI.	Matrix spike/Matrix spike duplicates	N	Client spec.
VII.	Laboratory control samples	A	LCS/p
VIII.	Target compound identification	A	
IX.	Compound quantitation/RL/LOQ/LODs	A	
X.	System Performance	A	
XI.	Overall assessment of data	A	
XII.	Field duplicates	N	
XIII.	Field blanks	ND	EB = 1 FB = FB 04/16/13

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples: Water

1	EB2-112613	11		21		31	PBL4516381
2		12		22		32	
3		13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes:

Method: GC ☒ HPLC

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	☒			
Cooler temperature criteria was met.	☒			
II. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	☒			
Was a linear fit used for evaluation? If yes, were all percent relative standard deviations (%RSD) < 20%?	☒			
Was a curve fit used for evaluation? If Yes, what was the acceptance criteria used?		☒		
Did the initial calibration meet the curve fit acceptance criteria?			☒	
Were the RT windows properly established?	☒			
IV. Continuing calibration				
What type of continuing calibration calculation was performed? ☒ %D or ☐ %R	☒			
Was a continuing calibration analyzed daily?	☒			
Were all percent differences (%D) < 20% or percent recoveries 80-120%?	☒			
Were all the retention times within the acceptance windows?	☒			
V. Blanks				
Was a method blank associated with every sample in this SDG?	☒			
Was a method blank analyzed for each matrix and concentration?	☒			
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.		☒		
VI. Surrogate spikes				
Were all surrogate %R within the QC limits?	☒			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			☒	
If any %R was less than 10 percent, was a reanalysis performed to confirm %R?			☒	
VII. Matrix spike/Matrix spike/duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.		☒		
Was a MS/MSD analyzed every 20 samples of each matrix?			☒	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			☒	
VIII. Laboratory control samples				
Was an LCS analyzed for this SDG?	☒			
Was an LCS analyzed per extraction batch?	☒			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	☒			

Validation Area	Yes	No	NA	Findings/Comments
IX. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?		/		
Were the performance evaluation (PE) samples within the acceptance limits?			/	
X. Target compound identification				
Were the retention times of reported detects within the RT windows?	/			
XI. Compound quantitation/CRQLs				
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	/			
XII. System performance				
System performance was found to be acceptable.	/			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	/			
XIV. Field duplicates				
Field duplicate pairs were identified in this SDG.		/		
Target compounds were detected in the field duplicates.			/	
XV. Field blanks				
Field blanks were identified in this SDG.	/			
Target compounds were detected in the field blanks.		/		

LDC #: 31212E71

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page 1 of 1Reviewer: BR2nd Reviewer: METHOD: GC _____ HPLC X _____

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

$$CF = A/C$$

$$\text{average CF} = \text{sum of the CF/number of standards}$$

$$\%RSD = 100 * (S/X)$$

Where:

A = Area of compound

C = Concentration of compound

S = Standard deviation of calibration factors

X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (2000 std)	Recalculated CF (2000 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL 19886A supelcosil LC18	11/30/2013	Formaldehyde	59.8	59.8	58.7	58.7	11	11

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 31212E71

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Page: (1) of 1
Reviewer: BR
2nd Reviewer: Sm

METHOD: GC HPLC X

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = $100 * (N - C) / N$

Where:

N = Initial Calibration Factor or Nominal Amount

C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	CCV Conc/CF	Reported Conc/CF	Recalculated Conc/CF	Reported % D	Recalculated %D
1		12/3/2013	Formaldehyde	See ICAL				
2								

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 3121271VALIDATION FINDINGS WORKSHEET
Surrogate Results VerificationPage: 1 of 1Reviewer: BR2nd reviewer: suMETHOD: GC XHPLC

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate SpikedSample ID: 1

Surrogate	Column Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
butyraldehyde	Supelcosil LC-18	791	742.919678	94	94	0

Sample ID: _____

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	

Sample ID: _____

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	

LDC #: 31212E71

VALIDATION FINDINGS WORKSHEET

Page: 1 of 1Laboratory Control Sample/Laboratory Control Sample Duplicates Results VerificationReviewer: BR2nd Reviewer: SMMETHOD: GC HPLC

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

$$\% \text{Recovery} = 100 * (\text{SSC} - \text{SC}) / \text{SA}$$

Where SSC = Spiked sample concentration

SC = Sample concentration

SA = Spike added

$$\text{RPD} = (((\text{SSCLCS} - \text{SSCLCSD}) * 2) / ((\text{SSCLCS} + \text{SSCLCSD}))) * 100$$

LCS = Laboratory Control Sample

LCSD = Laboratory Control Sample duplicate

LCS/LCSD samples:

LCS/16331

Compound	Spike Added		Spike Sample Concentration		LCS		LCSD		LCS/LCSD	
	(ug/L)		(ug/L)		Percent Recovery		Percent Recovery		RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Gasoline (8015)										
Diesel (8015)										
Benzene (8021B)										
Methane (RSK-175)										
2,4-D (8151)										
Dinoseb (8151)										
Naphthalene (8310)										
Anthracene (8310)										
HMX (8330)										
2,4,6-Trinitrotoluene (8330)										
Formaldehyde 8315	501	501	466.89	457.15	93	93	91	91	2	2

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicate findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 3121271VALIDATION FINDINGS WORKSHEET
Sample Calculation VerificationPage: 1 of 1
Reviewer: BR
2nd Reviewer: SMMETHOD: GC ☒ HPLC

Y	N	N/A
Y	N	N/A

Were all reported results recalculated and verified for all level IV samples?

Were all recalculated results for detected target compounds within 10% of the reported results?

Concentration= $\frac{(A)(Fv)(Df)}{(RF)(Vs \text{ or } Ws)(\%S/100)}$

Example:

Sample ID: 1 Compound Name NDLCS-16331: Formaldehyde = 470 µg/LConcentration = $\frac{(274/34)(10000)}{(58.7)(100)(1000)}$
= 467.085179 µg/LA= Area or height of the compound to be measured
Fv= Final Volume of extract
Df= Dilution Factor
RF= Average response factor of the compound
In the initial calibration
Vs= Initial volume of the sample
Ws= Initial weight of the sample
%S= Percent Solid

#	Sample ID	Compound	Reported Concentrations ()	Recalculated Results Concentrations ()	Qualifications

Comments: _____

Data Validation Report
Santa Susana Field Laboratory
Subarea 5A

SDG: PH136

Prepared for

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555 17th Street, Suite 1100
Denver, CO 80202

Prepared by

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Carlsbad, California 92010

February 24, 2014

INTRODUCTION

This Data Validation Report (DVR) presents Level III data validation results for samples collected on December 2, 2013. Data validation was performed in accordance with the Quality Assurance Project Plan (QAPP) for Santa Susana Field Laboratory (SSFL), RCRA Facility Investigation, Surficial Media Operable Unit (March 2009, Revision 4) and a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines (CLPNFGs) for Superfund Organic Methods Data Review (June 2008), Polychlorinated Dioxins/Dibenzofurans Data Review (September 2005) and for Inorganic Data Review (January 2010). Where specific guidance is not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Semivolatiles (SVOCs) by Environmental Protection Agency (EPA) SW 846 Method 8270D utilizing Selective Ion Monitoring (SIM)

Polychlorinated Biphenyls (PCBs) by EPA SW 846 Method 8082A

Metals by EPA SW 846 Method 6010C, 6020A, 7470A and 7471B

Total Petroleum Hydrocarbons (TPH) as Gasoline by EPA SW 846 Method 8015M

TPH as Extractables by EPA SW 846 Method 8015M

Dioxins and Dibenzofurans by EPA Method 1613B

The sample identification and methods of analyses performed on each sample is presented in Attachment 1. Overall data qualification summary is presented in Attachment 2. Level III Automated Data Review outliers are presented in Enclosure I.

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results for sample holding times, initial and continuing calibration blanks (ICB/CCBs), surrogates, internal standards (dioxins only), matrix spike/matrix spike duplicates (MS/MSD), laboratory duplicates (DUP), laboratory control sample/laboratory control sample duplicates (LCS/LCSD), ICP serial dilutions, method blanks, equipment blanks and field blanks. No samples in this SDG were subjected to Level IV evaluation.

Automated data review was performed on all QC summary results using the Automated Data Review (ADR) software program (LDC, 2013) with exception of the ICB/CCBs and ICP serial dilutions, which were validated manually. Quality assurance (QA)/QC criteria specified in the QAPP and CLPNFGs were incorporated with the program's reference library to assess compliance with project requirements.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met QC criteria.

II. Initial Calibration

Initial Calibration data were not reviewed for level III.

III. Continuing Calibration

Continuing calibration data were not reviewed for level III.

IV. Blanks

Method blanks were performed at the required frequencies. No contaminant concentrations were detected in the method or preparation blanks with the exception of several blanks for dioxins and metals. The associated sample results were qualified as non-detected (U) due to method blank contamination as applicable. The sample results that were not detected or were significantly greater than the concentrations found in the associated blanks were not qualified. The details regarding the qualification of data are provided in Enclosure I.

No contaminant concentrations were detected in the initial or continuing calibration blanks.

V. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VI. ICP Interference Check Sample (ICS) Analysis

ICP interference check data were not reviewed for level III.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were performed at the required frequency. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the exception of one MS/MSD pair for metals from SDG PH134. The associated sample results were qualified as detected estimated (J) or non-detected estimated (UJ) as applicable. The details regarding the qualification of data are provided in Enclosure I of DVR for PH134.

VIII. Laboratory Duplicates Sample

Laboratory duplicates (DUP) sample analyses were reviewed for each matrix as applicable. Results were within QC limits.

IX. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the exception of one LCS/LCSD pair for TPH as extractables. The associated sample results were qualified as non-detected estimated (UJ). The details regarding the qualification of data are provided in Enclosure I.

X. Internal Standards

Internal standards were reviewed for dioxins. Percent recoveries (%R) were within QC limits.

XI. ICP Serial Dilution

ICP serial dilution analysis was performed by the laboratory. The analysis criteria were met.

XII. Compound Quantitation

The laboratory reporting limits were evaluated. All laboratory reporting limits met the specified requirements.

All compounds reported below the RL as detected were qualified as follows:

Sample	Finding	Flag	A or P
All samples in SDG PH136	All compounds reported as detected below the RL.	J (all detects)	A

XIII. Field Duplicate Samples

No field duplicates were identified in this SDG.

XIV. Field Blank Samples

No trip blanks were identified in this SDG.

One equipment blank in this SDG was collected and analyzed for PCBs, metals, TPH as gasoline, TPH as extractables and dioxins. An additional equipment blank from SDG PH138 was analyzed for SVOCs. The equipment blanks had detections for SVOCs, metals and dioxins. The sample results were not detected or were significantly greater than the concentrations found in the equipment blank, therefore no data were qualified.

One field blank (from SDG PH032) was collected and analyzed for SVOCs, PCBs, metals, TPH as gasoline, TPH as extractables and dioxins. The field blank had detections for SVOCs, metals and dioxins. The associated sample results were qualified as non-detected (U) due to field blank contamination as applicable. The sample results that were not detected or were significantly greater than the concentrations found in the field blank were not qualified. The field blank outlier reports are presented in Enclosure I.

XV. Overall Assessment of Data

The overall assessment of QA/QC data review by automated and manual validation of this sampling event met project requirements and analytical completeness levels with the exceptions noted in the above sections. The remainder of the data are deemed useable for the intended use.

Data flags are summarized and are presented as Attachment 2.

Attachment 1

Sample Cross Reference

Sample Cross Reference

Date Collected	Field Sample ID	Lab Sample ID	Sample Type	Prep Method	Analytical Method	Review Level
02-Dec-2013	SL-679-SA5A-SB-0.0-0.5	7298807	N	3050B	6010C	III
02-Dec-2013	SL-679-SA5A-SB-0.0-0.5	7298807	N	3050B	6020A	III
02-Dec-2013	SL-679-SA5A-SB-0.0-0.5	7298807	N	3546	8015M	III
02-Dec-2013	SL-679-SA5A-SB-0.0-0.5	7298807	N	3546	8082A	III
02-Dec-2013	SL-679-SA5A-SB-0.0-0.5	7298807	N	3546	8270D SIM	III
02-Dec-2013	SL-679-SA5A-SB-0.0-0.5	7298807	N	METHOD	1613B	III
02-Dec-2013	SL-679-SA5A-SB-0.0-0.5	7298807	N	METHOD	7471B	III
02-Dec-2013	SL-616-SA5A-SB-0.0-0.5	7298806	N	3050B	6010C	III
02-Dec-2013	SL-616-SA5A-SB-0.0-0.5	7298806	N	3050B	6020A	III
02-Dec-2013	SL-616-SA5A-SB-0.0-0.5	7298806	N	3546	8015M	III
02-Dec-2013	SL-616-SA5A-SB-0.0-0.5	7298806	N	3546	8082A	III
02-Dec-2013	SL-616-SA5A-SB-0.0-0.5	7298806	N	3546	8270D SIM	III
02-Dec-2013	SL-616-SA5A-SB-0.0-0.5	7298806	N	METHOD	1613B	III
02-Dec-2013	SL-616-SA5A-SB-0.0-0.5	7298806	N	METHOD	7471B	III
02-Dec-2013	EB-120213	7298805	EB	3005A	6010C	III
02-Dec-2013	EB-120213	7298805	EB	3510C	8015M	III
02-Dec-2013	EB-120213	7298805	EB	3510C	8082A	III
02-Dec-2013	EB-120213	7298805	EB	5030B	8015M	III
02-Dec-2013	EB-120213	7298805	EB	M3010A	6020A	III
02-Dec-2013	EB-120213	7298805	EB	METHOD	1613B	III
02-Dec-2013	EB-120213	7298805	EB	METHOD	7470A	III

Attachment 2
Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: PH136

Laboratory: LL

EDD Filename: PH136_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: METALS

Method: 6010C

Matrix: AQ

Sample ID: EB-120213

Collected: 12/2/2013 3:00:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ZINC	0.0022	J	0.0020	MDL	0.0400	PQL	mg/L	U	B

Method Category: METALS

Method: 6010C

Matrix: SO

Sample ID: SL-616-SA5A-SB-0.0-0.5

Collected: 12/2/2013 2:45:00

Analysis Type: REA

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	4.05	U	0.749	MDL	4.05	PQL	mg/Kg	UJ	Q
BERYLLIUM	0.502	J	0.0679	MDL	1.01	PQL	mg/Kg	J	Z
BORON	1.74	J	0.851	MDL	10.1	PQL	mg/Kg	J	Z
MOLYBDENUM	1.35	J	0.172	MDL	2.03	PQL	mg/Kg	U	F
POTASSIUM	2870		8.45	MDL	101	PQL	mg/Kg	J	Q
TIN	2.68	J	0.223	MDL	10.1	PQL	mg/Kg	U	B
ZINC	62.6		0.203	MDL	4.05	PQL	mg/Kg	J	Q
Zirconium	3.98	J	0.851	MDL	5.06	PQL	mg/Kg	J	Z

Sample ID: SL-679-SA5A-SB-0.0-0.5

Collected: 12/2/2013 1:20:00

Analysis Type: REA

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
ANTIMONY	4.02	U	0.744	MDL	4.02	PQL	mg/Kg	UJ	Q
ARSENIC	3.07	J	0.704	MDL	4.02	PQL	mg/Kg	J	Z
BERYLLIUM	0.586	J	0.0674	MDL	1.01	PQL	mg/Kg	J	Z
BORON	6.01	J	0.845	MDL	10.1	PQL	mg/Kg	J	Z
MOLYBDENUM	0.263	J	0.171	MDL	2.01	PQL	mg/Kg	U	F
POTASSIUM	3990		8.39	MDL	101	PQL	mg/Kg	J	Q
SODIUM	96.7	J	16.8	MDL	101	PQL	mg/Kg	J	Z
TIN	2.92	J	0.221	MDL	10.1	PQL	mg/Kg	U	B
ZINC	65.0		0.201	MDL	4.02	PQL	mg/Kg	J	Q
Zirconium	3.33	J	0.845	MDL	5.03	PQL	mg/Kg	J	Z

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/18/2014 9:48:08 AM

ADR version 1.7.0.207

Page 1 of 6

Data Qualifier Summary

Lab Reporting Batch ID: PH136

Laboratory: LL

EDD Filename: PH136_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: METALS

Method: 6020A

Matrix: SO

Sample ID: SL-616-SA5A-SB-0.0-0.5

Collected: 12/2/2013 2:45:00

Analysis Type: REA

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SELENIUM	0.308	J	0.101	MDL	0.405	PQL	mg/Kg	J	Z

Sample ID: SL-616-SA5A-SB-0.0-0.5

Collected: 12/2/2013 2:45:00

Analysis Type: RES

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
THALLIUM	0.199	J	0.0304	MDL	0.203	PQL	mg/Kg	J	Z

Sample ID: SL-679-SA5A-SB-0.0-0.5

Collected: 12/2/2013 1:20:00

Analysis Type: REA

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SELENIUM	0.120	J	0.101	MDL	0.402	PQL	mg/Kg	J	Z

Sample ID: SL-679-SA5A-SB-0.0-0.5

Collected: 12/2/2013 1:20:00

Analysis Type: RES

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
SILVER	0.0344	J	0.0261	MDL	0.201	PQL	mg/Kg	J	Z

Method Category: SVOA

Method: 1613B

Matrix: AQ

Sample ID: EB-120213

Collected: 12/2/2013 3:00:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,6,7,8-HPCDD	0.915	JBQ	0.467	MDL	11.3	PQL	pg/L	U	B
1,2,3,4,6,7,8-HPCDF	0.767	JB	0.146	MDL	11.3	PQL	pg/L	U	B
1,2,3,4,7,8,9-HPCDF	0.317	JBQ	0.181	MDL	11.3	PQL	pg/L	U	B
1,2,3,4,7,8-HxCDD	0.360	JQ	0.296	MDL	11.3	PQL	pg/L	J	Z
1,2,3,7,8-PECDF	0.616	JB	0.250	MDL	11.3	PQL	pg/L	U	B
OCDD	1.35	JBQ	0.480	MDL	22.6	PQL	pg/L	U	B
OCDF	1.75	JBQ	0.558	MDL	22.6	PQL	pg/L	U	B

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/18/2014 9:48:08 AM

ADR version 1.7.0.207

Page 2 of 6

Data Qualifier Summary

Lab Reporting Batch ID: PH136

Laboratory: LL

EDD Filename: PH136_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: SVOA

Method: 1613B

Matrix: SO

Sample ID: SL-616-SA5A-SB-0.0-0.5

Collected: 12/2/2013 2:45:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,6,7,8-HPCDF	2.19	JB	0.0156	MDL	5.11	PQL	ng/Kg	J	Z
1,2,3,4,7,8,9-HPCDF	0.204	JB	0.0190	MDL	5.11	PQL	ng/Kg	U	B
1,2,3,4,7,8-HxCDD	0.143	JBQ	0.0427	MDL	5.11	PQL	ng/Kg	J	Z
1,2,3,4,7,8-HXCDF	0.207	JB	0.0309	MDL	5.11	PQL	ng/Kg	U	B
1,2,3,6,7,8-HxCDD	0.480	JB	0.0457	MDL	5.11	PQL	ng/Kg	J	Z
1,2,3,6,7,8-HXCDF	0.174	JB	0.0293	MDL	5.11	PQL	ng/Kg	U	B
1,2,3,7,8,9-HxCDD	0.330	JBQ	0.0415	MDL	5.11	PQL	ng/Kg	J	Z
1,2,3,7,8-PECDD	0.120	JQ	0.0478	MDL	5.11	PQL	ng/Kg	J	Z
1,2,3,7,8-PECDF	0.241	JQ	0.0249	MDL	5.11	PQL	ng/Kg	J	Z
2,3,4,6,7,8-HXCDF	0.116	JBQ	0.0286	MDL	5.11	PQL	ng/Kg	U	B
2,3,4,7,8-PECDF	0.148	JBQ	0.0223	MDL	5.11	PQL	ng/Kg	U	B
OCDF	5.59	JB	0.0317	MDL	10.2	PQL	ng/Kg	J	Z

Sample ID: SL-679-SA5A-SB-0.0-0.5

Collected: 12/2/2013 1:20:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
1,2,3,4,7,8,9-HPCDF	0.413	JBQ	0.0269	MDL	5.12	PQL	ng/Kg	J	Z
1,2,3,4,7,8-HxCDD	0.363	JBQ	0.0515	MDL	5.12	PQL	ng/Kg	J	Z
1,2,3,4,7,8-HXCDF	0.323	JBQ	0.0384	MDL	5.12	PQL	ng/Kg	U	B
1,2,3,6,7,8-HxCDD	1.36	JB	0.0547	MDL	5.12	PQL	ng/Kg	J	Z
1,2,3,6,7,8-HXCDF	0.480	JB	0.0373	MDL	5.12	PQL	ng/Kg	J	Z
1,2,3,7,8,9-HxCDD	0.856	JB	0.0480	MDL	5.12	PQL	ng/Kg	J	Z
1,2,3,7,8,9-HXCDF	0.328	JB	0.0373	MDL	5.12	PQL	ng/Kg	U	B
1,2,3,7,8-PECDD	0.272	JQ	0.0494	MDL	5.12	PQL	ng/Kg	J	Z
1,2,3,7,8-PECDF	0.561	J	0.0428	MDL	5.12	PQL	ng/Kg	J	Z
2,3,4,6,7,8-HXCDF	0.689	JB	0.0358	MDL	5.12	PQL	ng/Kg	J	Z
2,3,4,7,8-PECDF	1.02	JB	0.0378	MDL	5.12	PQL	ng/Kg	J	Z
2,3,7,8-TCDD	0.0650	JQ	0.0608	MDL	1.02	PQL	ng/Kg	J	Z
2,3,7,8-TCDF	0.177	J	0.0857	MDL	1.02	PQL	ng/Kg	J	Z

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/18/2014 9:48:08 AM

ADR version 1.7.0.207

Page 3 of 6

Data Qualifier Summary

Lab Reporting Batch ID: PH136

Laboratory: LL

EDD Filename: PH136_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: SVOA

Method: 8015M

Matrix: AQ

Sample ID: EB-120213

Collected: 12/2/2013 3:00:00

Analysis Type: REA

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
EFH (C30-C40)	0.53	U	0.11	MDL	0.53	PQL	mg/L	UJ	L
EFH (C8-C11)	0.11	U	0.053	MDL	0.11	PQL	mg/L	UJ	L

Method Category: SVOA

Method: 8015M

Matrix: SO

Sample ID: SL-679-SA5A-SB-0.0-0.5

Collected: 12/2/2013 1:20:00

Analysis Type: RES

Dilution: 2

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
EFH (C15-C20)	6.4	J	4.1	MDL	10	PQL	mg/Kg	J	Z

Method Category: SVOA

Method: 8082A

Matrix: SO

Sample ID: SL-679-SA5A-SB-0.0-0.5

Collected: 12/2/2013 1:20:00

Analysis Type: RES

Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
Aroclor 5460	18	J	10	MDL	34	PQL	ug/Kg	J	Z

Method Category: SVOA

Method: 8270D SIM

Matrix: SO

Sample ID: SL-616-SA5A-SB-0.0-0.5

Collected: 12/2/2013 2:45:00

Analysis Type: RES-BASE/NEUTRAL Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
BENZO(A)PYRENE	1.1	J	0.68	MDL	1.7	PQL	ug/Kg	J	Z
BENZO(G,H,I)PERYLENE	1.2	J	0.68	MDL	1.7	PQL	ug/Kg	J	Z
BENZO(K)FLUORANTHENE	0.95	J	0.68	MDL	1.7	PQL	ug/Kg	J	Z
PHENANTHRENE	0.91	J	0.68	MDL	1.7	PQL	ug/Kg	J	Z

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/18/2014 9:48:08 AM

ADR version 1.7.0.207

Page 4 of 6

Data Qualifier Summary

Lab Reporting Batch ID: PH136

Laboratory: LL

EDD Filename: PH136_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method Category: SVOA

Method: 8270D SIM

Matrix: SO

Sample ID: SL-679-SA5A-SB-0.0-0.5

Collected: 12/2/2013 1:20:00

Analysis Type: RES-BASE/NEUTRAL Dilution: 1

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
2-METHYLNAPHTHALENE	0.77	J	0.68	MDL	1.7	PQL	ug/Kg	J	Z
ANTHRACENE	0.51	J	0.34	MDL	1.7	PQL	ug/Kg	J	Z
BENZO(E)PYRENE	5.7	J	3.4	MDL	17	PQL	ug/Kg	J	Z
BIS(2-ETHYLHEXYL)PHTHALATE	12	J	6.1	MDL	18	PQL	ug/Kg	J	Z
DIBENZO(A,H)ANTHRACENE	0.80	J	0.68	MDL	1.7	PQL	ug/Kg	J	Z
NAPHTHALENE	0.90	J	0.68	MDL	1.7	PQL	ug/Kg	J	Z

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/18/2014 9:48:08 AM

ADR version 1.7.0.207

Page 5 of 6

Data Qualifier Summary

Lab Reporting Batch ID: PH136

Laboratory: LL

EDD Filename: PH136_v1

eQAPP Name: CDM_SSFL_140113_Lan

Reason Code Legend

<i>Reason Code</i>	<i>Description</i>
B	Method Blank Contamination
F	Field Blank Contamination
L	Laboratory Control Spike Lower Estimation
Q	Matrix Spike Lower Estimation
S	Surrogate/Tracer Recovery Upper Estimation
Z	Reporting Limit Trace Value

* denotes a non-reportable result

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/18/2014 9:48:08 AM

ADR version 1.7.0.207

Page 6 of 6

Enclosure I

**EPA Level III ADR Outliers
(Including Manual Review Outliers)**

Quality Control Outlier Reports

PH136

Method Blank Outlier Report

Lab Reporting Batch ID: PH136

Laboratory: LL

EDD Filename: PH136_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 1613B

Matrix: AQ

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
BLK3440B371906	12/11/2013 7:06:00 PM	1,2,3,4,6,7,8-HPCDD 1,2,3,4,6,7,8-HPCDF 1,2,3,4,7,8,9-HPCDF 1,2,3,4,7,8-HXCDF 1,2,3,6,7,8-HXCDD 1,2,3,6,7,8-HXCDF 1,2,3,7,8,9-HXCDF 1,2,3,7,8-PECDF 2,3,4,6,7,8-HXCDF 2,3,4,7,8-PECDF 2,3,7,8-TCDF OCDD OCDF	0.523 pg/L 0.393 pg/L 0.347 pg/L 0.459 pg/L 0.405 pg/L 0.312 pg/L 0.462 pg/L 0.582 pg/L 0.240 pg/L 0.304 pg/L 0.379 pg/L 1.38 pg/L 0.643 pg/L	EB-120213

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
EB-120213(RES)	1,2,3,4,6,7,8-HPCDD	0.915 pg/L	0.915U pg/L
EB-120213(RES)	1,2,3,4,6,7,8-HPCDF	0.767 pg/L	0.767U pg/L
EB-120213(RES)	1,2,3,4,7,8,9-HPCDF	0.317 pg/L	0.317U pg/L
EB-120213(RES)	1,2,3,7,8-PECDF	0.616 pg/L	0.616U pg/L
EB-120213(RES)	OCDD	1.35 pg/L	1.35U pg/L
EB-120213(RES)	OCDF	1.75 pg/L	1.75U pg/L

Method: 1613B

Matrix: SO

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
BLK3450B372248	12/12/2013 10:48:00 PM	1,2,3,4,6,7,8-HPCDD 1,2,3,4,6,7,8-HPCDF 1,2,3,4,7,8,9-HPCDF 1,2,3,4,7,8-HxCDD 1,2,3,4,7,8-HXCDF 1,2,3,6,7,8-HXCDD 1,2,3,6,7,8-HXCDF 1,2,3,7,8,9-HXCDD 1,2,3,7,8,9-HXCDF 2,3,4,6,7,8-HXCDF 2,3,4,7,8-PECDF OCDD OCDF	0.0965 ng/Kg 0.0358 ng/Kg 0.0522 ng/Kg 0.0274 ng/Kg 0.0682 ng/Kg 0.0354 ng/Kg 0.0382 ng/Kg 0.0457 ng/Kg 0.0882 ng/Kg 0.0320 ng/Kg 0.0394 ng/Kg 0.227 ng/Kg 0.134 ng/Kg	SL-616-SA5A-SB-0.0-0.5 SL-679-SA5A-SB-0.0-0.5

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
SL-616-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8,9-HPCDF	0.204 ng/Kg	0.204U ng/Kg
SL-616-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8-HXCDF	0.207 ng/Kg	0.207U ng/Kg
SL-616-SA5A-SB-0.0-0.5(RES)	1,2,3,6,7,8-HXCDF	0.174 ng/Kg	0.174U ng/Kg
SL-616-SA5A-SB-0.0-0.5(RES)	2,3,4,6,7,8-HXCDF	0.116 ng/Kg	0.116U ng/Kg
SL-616-SA5A-SB-0.0-0.5(RES)	2,3,4,7,8-PECDF	0.148 ng/Kg	0.148U ng/Kg
SL-679-SA5A-SB-0.0-0.5(RES)	1,2,3,4,7,8-HXCDF	0.323 ng/Kg	0.323U ng/Kg

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/18/2014 9:34:03 AM

ADR version 1.7.0.207

Page 1 of 2

Method Blank Outlier Report

Lab Reporting Batch ID: PH136

Laboratory: LL

EDD Filename: PH136_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 1613B

Matrix: SO

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
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The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
SL-679-SA5A-SB-0.0-0.5(RES)	1,2,3,7,8,9-HXCDF	0.328 ng/Kg	0.328U ng/Kg

Method: 6010C

Matrix: AQ

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
P34335BB220318	12/11/2013 3:18:00 AM	ZINC	0.0040 mg/L	EB-120213

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
EB-120213(RES)	ZINC	0.0022 mg/L	0.0022U mg/L

Method: 6010C

Matrix: SO

Method Blank Sample ID	Analysis Date	Analyte	Result	Associated Samples
P34337AB221054	12/10/2013 10:54:00 AM	CALCIUM MAGNESIUM TIN	5.64 mg/Kg 1.91 mg/Kg 1.58 mg/Kg	SL-616-SA5A-SB-0.0-0.5 SL-679-SA5A-SB-0.0-0.5

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
SL-616-SA5A-SB-0.0-0.5(REA)	TIN	2.68 mg/Kg	2.68U mg/Kg
SL-679-SA5A-SB-0.0-0.5(REA)	TIN	2.92 mg/Kg	2.92U mg/Kg

Field Blank Outlier Report

Lab Reporting Batch ID: PH136

Laboratory: LL

EDD Filename: PH136_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 6010C

Matrix: SO

Field Blank Sample ID	Collected Date	Analyte	Result	Associated Samples
FB-041613(REA2/TOT)	4/16/2013 3:15:00 PM	MOLYBDENUM TIN	0.0132 mg/L 0.0029 mg/L	SL-616-SA5A-SB-0.0-0.5 SL-679-SA5A-SB-0.0-0.5

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
SL-616-SA5A-SB-0.0-0.5(REA)	MOLYBDENUM	1.35 mg/Kg	1.35U mg/Kg
SL-679-SA5A-SB-0.0-0.5(REA)	MOLYBDENUM	0.263 mg/Kg	0.263U mg/Kg

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/18/2014 9:40:49 AM

ADR version 1.7.0.207

Page 1 of 1

Lab Control Spike/Lab Control Spike Duplicate Outlier Report

Lab Reporting Batch ID: PH136

Laboratory: LL

EDD Filename: PH136_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 8015M

Matrix: AQ

QC Sample ID (Associated Samples)	Compound	LCS %R	LCSD %R	%R Limits	RPD (Limits)	Affected Compounds	Flag
P33405AQ320030A P33405AY320051A (EB-120213)	EFH (C30-C40) EFH (C8-C11)	68 66	- 69	70.00-130.00 70.00-130.00	- -	EFH (C30-C40) EFH (C8-C11)	J (all detects) UJ (all non-detects)

Reporting Limit Outliers

Lab Reporting Batch ID: PH136

Laboratory: LL

EDD Filename: PH136_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 1613B

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
EB-120213	1,2,3,4,6,7,8-HPCDD	JBQ	0.915	11.3	PQL	pg/L	J (all detects)
	1,2,3,4,6,7,8-HPCDF	JB	0.767	11.3	PQL	pg/L	
	1,2,3,4,7,8,9-HPCDF	JBQ	0.317	11.3	PQL	pg/L	
	1,2,3,4,7,8-HxCDD	JQ	0.360	11.3	PQL	pg/L	
	1,2,3,7,8-PECDF	JB	0.616	11.3	PQL	pg/L	
	OCDD	JBQ	1.35	22.6	PQL	pg/L	
	OCDF	JBQ	1.75	22.6	PQL	pg/L	

Method: 6010C

Matrix: AQ

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
EB-120213	ZINC	J	0.0022	0.0400	PQL	mg/L	J (all detects)

Method: 1613B

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-616-SA5A-SB-0.0-0.5	1,2,3,4,6,7,8-HPCDF	JB	2.19	5.11	PQL	ng/Kg	J (all detects)
	1,2,3,4,7,8,9-HPCDF	JB	0.204	5.11	PQL	ng/Kg	
	1,2,3,4,7,8-HxCDD	JBQ	0.143	5.11	PQL	ng/Kg	
	1,2,3,4,7,8-HXCDF	JB	0.207	5.11	PQL	ng/Kg	
	1,2,3,6,7,8-HxCDD	JB	0.480	5.11	PQL	ng/Kg	
	1,2,3,6,7,8-HXCDF	JB	0.174	5.11	PQL	ng/Kg	
	1,2,3,7,8,9-HxCDD	JBQ	0.330	5.11	PQL	ng/Kg	
	1,2,3,7,8-PECDD	JQ	0.120	5.11	PQL	ng/Kg	
	1,2,3,7,8-PECDF	JQ	0.241	5.11	PQL	ng/Kg	
	2,3,4,6,7,8-HXCDF	JBQ	0.116	5.11	PQL	ng/Kg	
	2,3,4,7,8-PECDF	JBQ	0.148	5.11	PQL	ng/Kg	
	OCDF	JB	5.59	10.2	PQL	ng/Kg	
SL-679-SA5A-SB-0.0-0.5	1,2,3,4,7,8,9-HPCDF	JBQ	0.413	5.12	PQL	ng/Kg	J (all detects)
	1,2,3,4,7,8-HxCDD	JBQ	0.363	5.12	PQL	ng/Kg	
	1,2,3,4,7,8-HXCDF	JBQ	0.323	5.12	PQL	ng/Kg	
	1,2,3,6,7,8-HxCDD	JB	1.36	5.12	PQL	ng/Kg	
	1,2,3,6,7,8-HXCDF	JB	0.480	5.12	PQL	ng/Kg	
	1,2,3,7,8,9-HxCDD	JB	0.856	5.12	PQL	ng/Kg	
	1,2,3,7,8,9-HXCDF	JB	0.328	5.12	PQL	ng/Kg	
	1,2,3,7,8-PECDD	JQ	0.272	5.12	PQL	ng/Kg	
	1,2,3,7,8-PECDF	J	0.561	5.12	PQL	ng/Kg	
	2,3,4,6,7,8-HXCDF	JB	0.689	5.12	PQL	ng/Kg	
	2,3,4,7,8-PECDF	JB	1.02	5.12	PQL	ng/Kg	
	2,3,7,8-TCDD	JQ	0.0650	1.02	PQL	ng/Kg	
	2,3,7,8-TCDF	J	0.177	1.02	PQL	ng/Kg	

Reporting Limit Outliers

Lab Reporting Batch ID: PH136

Laboratory: LL

EDD Filename: PH136_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 6010C

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-616-SA5A-SB-0.0-0.5	BERYLLIUM	J	0.502	1.01	PQL	mg/Kg	J (all detects)
	BORON	J	1.74	10.1	PQL	mg/Kg	
	MOLYBDENUM	J	1.35	2.03	PQL	mg/Kg	
	TIN	J	2.68	10.1	PQL	mg/Kg	
	Zirconium	J	3.98	5.06	PQL	mg/Kg	
SL-679-SA5A-SB-0.0-0.5	ARSENIC	J	3.07	4.02	PQL	mg/Kg	J (all detects)
	BERYLLIUM	J	0.586	1.01	PQL	mg/Kg	
	BORON	J	6.01	10.1	PQL	mg/Kg	
	MOLYBDENUM	J	0.263	2.01	PQL	mg/Kg	
	SODIUM	J	96.7	101	PQL	mg/Kg	
	TIN	J	2.92	10.1	PQL	mg/Kg	
	Zirconium	J	3.33	5.03	PQL	mg/Kg	

Method: 6020A

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-616-SA5A-SB-0.0-0.5	SELENIUM	J	0.308	0.405	PQL	mg/Kg	J (all detects)
	THALLIUM	J	0.199	0.203	PQL	mg/Kg	
SL-679-SA5A-SB-0.0-0.5	SELENIUM	J	0.120	0.402	PQL	mg/Kg	J (all detects)
	SILVER	J	0.0344	0.201	PQL	mg/Kg	

Method: 8015M

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-679-SA5A-SB-0.0-0.5	EFH (C15-C20)	J	6.4	10	PQL	mg/Kg	J (all detects)

Method: 8082A

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-679-SA5A-SB-0.0-0.5	Aroclor 5460	J	18	34	PQL	ug/Kg	J (all detects)

Method: 8270D SIM

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-616-SA5A-SB-0.0-0.5	BENZO(A)PYRENE	J	1.1	1.7	PQL	ug/Kg	J (all detects)
	BENZO(G,H,I)PERYLENE	J	1.2	1.7	PQL	ug/Kg	
	BENZO(K)FLUORANTHENE	J	0.95	1.7	PQL	ug/Kg	
	PHENANTHRENE	J	0.91	1.7	PQL	ug/Kg	

Project Name and Number: 1204-002-001-AL - SSFL Area IV Phase 3

2/18/2014 9:35:12 AM

ADR version 1.7.0.207

Page 2 of 3

Reporting Limit Outliers

Lab Reporting Batch ID: PH136

Laboratory: LL

EDD Filename: PH136_v1

eQAPP Name: CDM_SSFL_140113_Lan

Method: 8270D SIM

Matrix: SO

SampleID	Analyte	Lab Qual	Result	Reporting Limit	RL Type	Units	Flag
SL-679-SA5A-SB-0.0-0.5	2-METHYLNAPHTHALENE	J	0.77	1.7	PQL	ug/Kg	J (all detects)
	ANTHRACENE	J	0.51	1.7	PQL	ug/Kg	
	BENZO(E)PYRENE	J	5.7	17	PQL	ug/Kg	
	BIS(2-ETHYLHEXYL)PHTHALATE	J	12	18	PQL	ug/Kg	
	DIBENZO(A,H)ANTHRACENE	J	0.80	1.7	PQL	ug/Kg	
	NAPHTHALENE	J	0.90	1.7	PQL	ug/Kg	

LDC #: 31212F4

VALIDATION COMPLETENESS WORKSHEET

SDG #: PH136

ADR

Laboratory: Eurofins Lancaster Laboratories

Date: 1/31/14

Page: 1 of 1

Reviewer: CL

2nd Reviewer: SA

METHOD: Metals (EPA SW 846 Method 6010C/6020A/7000)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	—	Sampling dates:
II.	ICP/MS Tune	—	
III.	Calibration	—	
IV.	Blanks	A	
V.	ICP Interference Check Sample (ICS) Analysis	—	
VI.	Matrix Spike Analysis	SW	MS/D (from PH134)
VII.	Duplicate Sample Analysis	N	Dup ↓
VIII.	Laboratory Control Samples (LCS)	N	
IX.	Internal Standard (ICP-MS)	N	
X.	ICP Serial Dilution	A	
XI.	Sample Result Verification	N	
XII.	Overall Assessment of Data	N	
XIII.	Field Duplicates	—	
XIV.	Field Blanks	SW	EB=1 FB=0416B

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

(PH032)

Validated Samples:

1	EB-120213	11		21		31	
2	SL-616-SA5A-SB-0.0-0.5	12		22		32	
3	SL-679-SA5A-SB-0.0-0.5	13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Notes: _____

VALIDATION FINDINGS WORKSHEET Field Blanks

METHOD: Trace Metals (EPA SW846 6010B/7000)

Blank units: mg/L Associated sample units: mg/Kg

Reason: F

Sampling date: 4/16/13 Soil factor applied 100x

Field blank type: (circle one) Field Blank / Rinsate / Other: Associated Samples: All Soil

Analyte	Blank ID	Sample Identification											
	FB-041613 (SDG: PH032)	Action Limit	2	3									
Mo	0.0132	6.60	1.35 1.4	0.263									
Sn	0.0029	1.45											

Sampling date: 11/26/13 Soil factor applied 100x

Field blank type: (circle one) Field Blank / Rinsate / Other: Associated Samples: All Soil

Analyte	Blank ID	Sample Identification											
	EB-120213 (SDG: PH136)	Action Limit	No Qualifiers										
Zn	0.0022	1.1											

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:

Samples with analyte concentrations within five times the associated field blank concentration are listed above, these sample results were qualified as not detected, "U".

Appendix D

Master Database Table

(On CD)

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-43-9	CADMIUM	0.103	J	0.0806	1.06	mg/kg	J	J	FD, Z	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-47-3	CHROMIUM	49.7		0.170	3.18	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-48-4	COBALT	12.8	J	0.105	1.06	mg/kg		J	E	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-50-8	COPPER	27.4	J	0.307	2.12	mg/kg		J	A	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-62-2	VANADIUM (FUME OR DUST)	78.1		0.138	1.06	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-66-6	ZINC	102		0.212	4.24	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-67-7	ZIRCONIUM	5.38		0.890	5.30	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-70-2	CALCIUM METAL	6080		3.54	21.2	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7723-14-0	PHOSPHORUS	611		3.06	10.6	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6020A	6/27/2013	PH058	6.6		2	7782-49-2	SELENIUM	0.265	J	0.106	0.424	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6020A	6/27/2013	PH058	6.6		2	7440-22-4	SILVER	0.212	U	0.0276	0.212	mg/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6020A	6/27/2013	PH058	6.6		2	7440-24-6	STRONTIUM	47.4	J	0.0551	0.424	mg/kg		J	Q	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6020A	6/27/2013	PH058	6.6		2	7440-28-0	THALLIUM	0.393		0.0318	0.212	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	7471B	6/28/2013	PH058	6.6		1	7439-97-6	MERCURY	0.0172	U	0.0103	0.0172	mg/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	8015M	6/25/2013	PH058	6.6		1	PHCC12C14	EFH (C12-C14)	5.4	U	2.1	5.4	mg/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	8015M	6/25/2013	PH058	6.6		1	PHCC15C20	EFH (C15-C20)	5.4	U	2.1	5.4	mg/kg	U			1786397	267222.9	-118.7076
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	1746-01-6	2,3,7,8-TCDD	0.992	U	0.0334	0.992	ng/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.91	J	0.0669	4.96	ng/kg	JB	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	3268-87-9	OCDD	432		0.0545	9.92	ng/kg	B			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	19.1		0.0775	4.96	ng/kg	B			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	39001-02-0	OCDF	7	J	0.0439	9.92	ng/kg	JB	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.26	J	0.0686	4.96	ng/kg	JBQ	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.96	U	0.0499	4.96	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.992	U	0.0418	0.992	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	4.96	U	0.0366	4.96	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	57117-31-4	2,3,4,7,8-PECDF	4.96	U	0.0327	4.96	ng/kg	JB	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.394	J	0.0329	4.96	ng/kg	JB	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	57117-44-9	1,2,3,6,7,8-HXCDF	4.96	U	0.0301	4.96	ng/kg	JB	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.84	J	0.0720	4.96	ng/kg	JB	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	60851-34-5	2,3,4,6,7,8-HXCDF	0.205	J	0.0298	4.96	ng/kg	JBQ	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	1.96	J	0.0258	4.96	ng/kg	JB	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	70648-26-9	1,2,3,4,7,8-HXCDF	0.172	J	0.0331	4.96	ng/kg	JB	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	72918-21-9	1,2,3,7,8,9-HXCDF	0.322	J	0.0360	4.96	ng/kg	JBQ	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	TCDD TEQ	TCDD TEQ	0.6		0	0	ng/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7429-90-5	ALUMINUM (FUME OR DUST)	14500		7.34	40.7	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7439-89-6	IRON	18300		3.68	40.7	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7439-92-1	LEAD	6.19		0.509	3.05	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7439-93-2	LITHIUM	18.6		0.35	4.1	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7439-95-4	MAGNESIUM	3700		1.70	10.2	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7439-96-5	MANGANESE	313		0.0845	1.02	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7439-98-7	MOLYBDENUM	2.04	U	0.173	2.04	mg/kg	J	U	F, B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7440-02-0	NICKEL	11.8		0.132	2.04	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7440-09-7	POTASSIUM	3400		8.49	1							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2	10	218-01-9	Chrysene	28		3.6	18	ug/kg				1785361	267600.5	-118.71103
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		185-01-8	PHENANTHRENE	1	J	0.69	1.7	ug/kg	J	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		191-20-3	NAPHTHALENE	0.96	J	0.69	1.7	ug/kg	J	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	9045M	6/19/2013	PH059	2.7		pH	PH	6.03		0.0100	0.0100	pH unit				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	160.3M	6/25/2013	PH059	3.8	1	MOIST	MOISTURE	3.8		0.10	0.10	%				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		11746-01-6	2,3,7,8-TCDD	1.02	U	0.0248	1.02	ng/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.1	U	0.0256	5.10	ng/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		13268-87-9	OCDD	10.2	U	0.0284	10.2	ng/kg	JB	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.1	U	0.0246	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		139001-02-0	OCDF	10.2	U	0.0348	10.2	ng/kg	JB	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.1	U	0.0229	5.10	ng/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.1	U	0.0362	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0268	1.02	ng/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.1	U	0.0151	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		157117-31-4	2,3,4,7,8-PECDF	5.1	U	0.0192	5.10	ng/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.1	U	0.0202	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		157117-44-9	1,2,3,6,7,8-HXCDF	5.1	U	0.0106	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.1	U	0.0247	5.10	ng/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		160851-34-5	2,3,4,6,7,8-HXCDF	5.1	U	0.00967	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.1	U	0.00967	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		170648-26-9	1,2,3,4,7,8-HXCDF	5.1	U	0.0113	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		172918-21-9	1,2,3,7,8,9-HXCDF	5.1	U	0.0132	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		1TCDD TEQ	TCDD TEQ	0.000104		0	0	ng/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17429-90-5	ALUMINUM (FUME OR DUST)	12400		7.21	40.0	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17439-89-6	IRON	21600		3.62	40.0	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17439-92-1	LEAD	3.9		0.500	3.00	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17439-93-2	LITHIUM	21.1		0.34	4.0	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17439-95-4	MAGNESIUM	5060		1.67	10.0	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17439-96-5	MANGANESE	238		0.0830	1.00	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17439-98-7	MOLYBDENUM	2	U	0.170	2.00	mg/kg	J	U	F, B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17440-02-0	NICKEL	11.9		0.130	2.00	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17440-09-7	POTASSIUM	2250		8.34	100	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17440-23-5	SODIUM	158		16.7	100	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft																							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		185-01-8	PHENANTHRENE	1	J	0.68	1.7	ug/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	9045M	5/30/2013	PH042	1.5		1pH	PH	6.46		0.0100	0.0100	pH unit				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	160.3M	6/4/2013	PH042	3.5		1MOIST	MOISTURE	3.5		0.10	0.10	%				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		11746-01-6	2,3,7,8-TCDD	1.02	U	0.0356	1.02	ng/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.4	J	0.0476	5.08	ng/kg	JQ	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		13268-87-9	OCDD	84.3		0.0516	10.2	ng/kg	B			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	7.59		0.0729	5.08	ng/kg	B			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		139001-02-0	OCDF	6.79	J	0.0427	10.2	ng/kg	JB	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.141	J	0.0469	5.08	ng/kg	JQ	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.08	U	0.0378	5.08	ng/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0341	1.02	ng/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.237	J	0.0386	5.08	ng/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		157117-31-4	2,3,4,7,8-PECDF	0.0575	J	0.0195	5.08	ng/kg	JQ	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.0742	J	0.0213	5.08	ng/kg	JQ	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		157117-44-9	1,2,3,6,7,8-HXCDF	0.123	J	0.0382	5.08	ng/kg	JB	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.366	J	0.0501	5.08	ng/kg	JQ	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		160851-34-5	1,2,3,4,6,7,8-HXCDF	0.175	J	0.0375	5.08	ng/kg	JB	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		167562-39-4	1,2,3,4,6,7,8-HPCDF	2.1	J	0.0263	5.08	ng/kg	JB	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		170648-26-9	1,2,3,4,7,8-HXCDF	5.08	U	0.0413	5.08	ng/kg	JBQ	U	B	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		172918-21-9	1,2,3,7,8,9-HXCDF	0.125	J	0.0438	5.08	ng/kg	JBQ	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		1TCDD TEQ	TCDD TEQ	0.156		0	0	ng/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17429-90-5	ALUMINUM (FUME OR DUST)	17700		7.83	40.6	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17439-89-6	IRON	21100		3.86	40.6	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17439-92-1	LEAD	6.58		0.477	3.05	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17439-93-2	LITHIUM	22.9		0.56	4.1	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17439-95-4	MAGNESIUM	4170		1.76	10.2	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17439-96-5	MANGANESE	287		0.0843	1.02	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17439-98-7	MOLYBDENUM	2.03	U	0.173	2.03	mg/kg	J	U	B, F	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-02-0	NICKEL	12.5	J	0.112	2.03	mg/kg		J	A	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-09-7	POTASSIUM	2630		13.7	102	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-23-5	SODIUM	86.7	J	17.0	102	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-31-5	TIN	10.2	U	0.224	10.2	mg/kg	J	U	B	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-32-6	TITANIUM METAL POWDER	1100		0.173	1.02	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-36-0	ANTIMONY	4.06	UJ	0.508	4.06	mg/kg	J	UJ	B, Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-38-2	ARSENIC	5.2		0.335	4.06	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-39-3	BARIUM	91.4		0.0335	1.02	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C																	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	9045M	5/30/2013	PH042	3.5		1pH	PH	6.75		0.0100	0.0100	pH unit				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	160.3M	6/4/2013	PH042	4		1MOIST	MOISTURE	4		0.10	0.10	%				1786776	267113.8	-118.70634
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1218-01-9	Chrysene	0.46	J	0.36	1.8	ug/kg	J	J	Z	1785404	267503.8	-118.71089
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		150-32-8	BENZO(A)PYRENE	0.73	J	0.68	1.7	ug/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		185-01-8	PHENANTHRENE	0.74	J	0.68	1.7	ug/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	9045M	5/31/2013	PH043	1.9		1pH	PH	6.46		0.0100	0.0100	pH unit				1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		11746-01-6	2,3,7,8-TCDD	1.02	U	0.0418	1.02	ng/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.114	J	0.0255	5.09	ng/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		13268-87-9	OCDD	10.2	U	0.0325	10.2	ng/kg	JB	U	B	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.09	U	0.0271	5.09	ng/kg	JBQ	U	B	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		139001-02-0	OCDF	10.2	U	0.0420	10.2	ng/kg	JB	U	B	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.09	U	0.0234	5.09	ng/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0449	J	0.0363	5.09	ng/kg	JQ	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0376	1.02	ng/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.0327	J	0.0177	5.09	ng/kg	JQ	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		157117-31-4	2,3,4,7,8-PECDF	0.0656	J	0.0186	5.09	ng/kg	JQ	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.103	J	0.0199	5.09	ng/kg	JQ	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		157117-44-9	1,2,3,6,7,8-HXCDF	5.09	U	0.0173	5.09	ng/kg	JBQ	U	B	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0704	J	0.0244	5.09	ng/kg	JQ	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		160851-34-5	2,3,4,6,7,8-HXCDF	5.09	U	0.0172	5.09	ng/kg	JBQ	U	B	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.09	U	0.0109	5.09	ng/kg	JBQ	U	B	1786598	266989.8	-118.70693
SL-833-SA5A-SB-																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8015M	6/6/2013	PH043	4		1	PHCC21C30	EFH (C21-C30)	2.9	J	2.1	5.2	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8015M	6/6/2013	PH043	4		1	PHCC30C40	EFH (C30-C40)	4.7	J	4.2	10	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8015M	6/6/2013	PH043	4		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8015M	6/5/2013	PH043	4	25.3	GROCC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786598	266989.8	-118.70693	
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	83-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	85-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	86-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	91-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	9045M	5/31/2013	PH043	4		1	pH	PH	6.89		0.0100	0.0100	pH unit				1786598	266989.8	-118.70693
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	160.3M	6/4/2013	PH043	2.6		1	MOIST	MOISTURE	2.6		0.10	0.10	%				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	1746-01-6	2,3,7,8-TCDD	1.01	U	0.0421	1.01	ng/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.749	J	0.0625	5.04	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	3268-87-9	OCDD	257		0.0594	10.1	ng/kg	B			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	17.9		0.0880	5.04	ng/kg	B			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	39001-02-0	OCDF	15.2		0.0454	10.1	ng/kg	B			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.227	J	0.0605	5.04	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.104	J	0.0507	5.04	ng/kg	JQ	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.132	J	0.0522	1.01	ng/kg	JQ	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.329	J	0.0416	5.04	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	57117-31-4	2,3,4,7,8-PECDF	0.173	J	0.0265	5.04	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.21	J	0.0276	5.04	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	57117-44-9	1,2,3,6,7,8-HXCDF	0.155	J	0.0407	5.04	ng/kg	JBQ	J	Z	1786602	266995.6	-118.70691
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	6010C																		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8082A	6/12/2013	PH047	1.2		111141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8082A	6/12/2013	PH047	1.2		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8082A	6/12/2013	PH047	1.2		12672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8082A	6/12/2013	PH047	1.2		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8082A	6/12/2013	PH047	1.2		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8082A	6/12/2013	PH047	1.2		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8082A	6/12/2013	PH047	1.2		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1129-00-0	PYRENE	1.4	J	0.67	1.7	ug/kg	J	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1205-99-2	BENZO(B)FLUORANTHENE	1.5	J	0.67	1.7	ug/kg	J	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1206-44-0	FLUORANTHENE	1.5	J	0.67	1.7	ug/kg	J	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8270D SIM	12/14/2013	PH134	4.2		1218-01-9	Chrysene	3.1		0.34	1.7	ug/kg				1785912	267607.2	-118.70921
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		150-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		185-01-8	PHENANTHRENE	0.88	J	0.67	1.7	ug/kg	J	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	9045M	6/6/2013	PH047	1.2		1pH	PH	6.66		0.0100	0.0100	pH unit				1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	160.3M	6/11/2013	PH047	4.7		1MOIST	MOISTURE	4.7		0.10	0.10	%				1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		11746-01-6	2,3,7,8-TCDD	1.04	U	0.0162	1.04	ng/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.236	J	0.0165	5.18	ng/kg	JBQ	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		13268-87-9	OCDD	7.2	J	0.0149	10.4	ng/kg	JB	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.703	J	0.0173	5.18	ng/kg	JB	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		139001-02-0	OCDF	0.635	J	0.0152	10.4	ng/kg	JB	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.151	J	0.0151	5.18	ng/kg	JBQ	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.18	U	0.0178	5.18	ng/kg	JB	U	B	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0212	J	0.0124	1.04	ng/kg	J	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.18	U	0.0125	5.18	ng/kg	JB	U	B	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		157117-31-4	2,3,4,7,8-PECDF	0.119	J	0.00850	5.18	ng/kg	JB	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG																					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	6020A	6/11/2013	PH047	4.7		2	7440-28-0	THALLIUM	0.249		0.0306	0.204	mg/kg				1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	7471B	6/11/2013	PH047	4.7		1	7439-97-6	MERCURY	0.0121	J	0.0103	0.0171	mg/kg	J	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8015M	6/13/2013	PH047	4.7		1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8015M	6/13/2013	PH047	4.7		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8015M	6/13/2013	PH047	4.7		1	PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8015M	6/13/2013	PH047	4.7		1	PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8015M	6/13/2013	PH047	4.7		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786319	266874.8	-118.70785
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.02	U	0.0449	5.02	ng/kg	JB	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	57117-31-4	2,3,4,7,8-PECDF	5.02	U	0.0294	5.02	ng/kg	JBQ	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.02	U	0.0308	5.02	ng/kg	JBQ	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	57117-44-9	1,2,3,6,7,8-HXCDF	5.02	U	0.0249	5.02	ng/kg	JB	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.296	J	0.0502	5.02	ng/kg	JB	J	Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.02	U	0.0249	5.02	ng/kg	JB	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	1.63	J	0.0342	5.02	ng/kg	JB	J	Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.02	U	0.0276	5.02	ng/kg	JB	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	72918-21-9	1,2,3,7,8,9-HXCDF	0.141	J	0.0310	5.02	ng/kg	JBQ	J	Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	TCDD TEQ	TCDD TEQ	0.214		0	0	ng/kg				1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7429-90-5	ALUMINUM (FUME OR DUST)	17000	J	7.12	39.5	mg/kg		J	E, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7439-89-6	IRON	21000	J	3.58	39.5	mg/kg		J	E, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7439-92-1	LEAD	6.55	J	0.494	2.96	mg/kg		J	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7439-93-2	LITHIUM	22.5	J	0.34	4.0	mg/kg		J	Q, E, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7439-95-4	MAGNESIUM	4280	J	1.65	9.88	mg/kg		J	E, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7439-96-5	MANGANESE	310	J	0.0820	0.988	mg/kg		J	A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7439-98-7	MOLYBDENUM	1.98	UJ	0.168	1.98	mg/kg	J	UJ	F, B, Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-02-0	NICKEL	12.8	J	0.128	1.98	mg/kg		J	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-09-7	POTASSIUM	2460	J	8.24	98.8	mg/kg		J	Q, E, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-23-5	SODIUM	156	J	16.5	98.8	mg/kg		J	Q, E	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-31-5	TIN	9.88	UJ	0.217	9.88	mg/kg	J	UJ	B, Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-32-6	TITANIUM METAL POWDER	1190	J	0.168	0.988	mg/kg		J	A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-36-0	ANTIMONY	3.95	UJ	0.731	3.95	mg/kg	U	UJ	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-38-2	ARSENIC	2.68	J	0.691	3.95	mg/kg	J	J	Q, Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-39-3	BARIUM	96.5	J	0.0326	0.988	mg/kg		J	Q, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-41-7	BERYLLIUM	0.648	J	0.0662	0.988	mg/kg	J	J	Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-42-8	BORON	4.22	J	0.830	9.88	mg/kg	J	J	Q, Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-43-9	CADMIUM	0.988	UJ	0.0751	0.988	mg/kg	U	UJ	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-47-3	CHROMIUM	23	J	0.158	2.96	mg/kg		J	Q, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-48-4	COBALT	5.52	J	0.0978	0.988	mg/kg		J	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-50-8	COPPER	8.8	J	0.286	1.98	mg/kg		J	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-62-2	VANADIUM (FUME OR DUST)	39.2	J	0.128	0.988	mg/kg		J	Q, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-66-6	ZINC	52.6	J	0.198	3.95	mg/kg		J	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-67-7	ZIRCONIUM	1.7	J	0.830	4.94	mg/kg	J	J	Q, E, Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-70-2	CALCIUM METAL	2180	J	3.30	19.8	mg/kg		J	E, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7723-14-0	PHOSPHORUS	230	J	2.85	9.88	mg/kg		J	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6020A	6/27/2013	PH057	1.7		2	7782-49-2	SELENIUM	0.134	J	0.0988	0.395	mg/kg	J	J	Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/1																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	1746-01-6	2,3,7,8-TCDD	0.998	U	0.0303	0.998	ng/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.581	J	0.0497	4.99	ng/kg	JB	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	3268-87-9	OCDD	131	J	0.0425	9.98	ng/kg	B	J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	8.64	J	0.0453	4.99	ng/kg	B	J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	39001-02-0	OCDF	3.64	J	0.0377	9.98	ng/kg	JB	J	FD, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.99	U	0.0472	4.99	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.99	U	0.0512	4.99	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.998	UJ	0.0471	0.998	ng/kg	JB	UJ	B, FD	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	4.99	U	0.0242	4.99	ng/kg	JB	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	57117-31-4	2,3,4,7,8-PECDF	4.99	U	0.0306	4.99	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.355	J	0.0315	4.99	ng/kg	JBQ	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	57117-44-9	1,2,3,6,7,8-HXCDF	4.99	U	0.0282	4.99	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.539	J	0.0515	4.99	ng/kg	JB	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.144	J	0.0277	4.99	ng/kg	JBQ	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	1.25	J	0.0168	4.99	ng/kg	JB	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	70648-26-9	1,2,3,4,7,8-HXCDF	4.99	U	0.0297	4.99	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.26	J	0.0317	4.99	ng/kg	JBQ	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	TCDD TEQ	TCDD TEQ	0.266		0	0	ng/kg				1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7429-90-5	ALUMINUM (FUME OR DUST)	14200	J	7.19	39.9	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7439-89-6	IRON	18000	J	3.61	39.9	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7439-92-1	LEAD	7.29	J	0.498	2.99	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7439-93-2	LITHIUM	19.6	J	0.34	4.0	mg/kg		J	Q, E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7439-95-4	MAGNESIUM	3800	J	1.66	9.97	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7439-96-5	MANGANESE	275	J	0.0827	0.997	mg/kg		J	A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7439-98-7	MOLYBDENUM	1.99	UJ	0.169	1.99	mg/kg	J	UJ	F, FD, B, C	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-02-0	NICKEL	11.1	J	0.130	1.99	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-09-7	POTASSIUM	3510	J	8.31	99.7	mg/kg		J	Q, E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-23-5	SODIUM	75.7	J	16.6	99.7	mg/kg	J	J	Q, E, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-31-5	TIN	9.97	UJ	0.219	9.97	mg/kg	J	UJ	B, Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-32-6	TITANIUM METAL POWDER	1100	J	0.169	0.997	mg/kg		J	A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-36-0	ANTIMONY	3.99	UJ	0.738	3.99	mg/kg	U	UJ	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-38-2	ARSENIC	1.99	J	0.698	3.99	mg/kg	J	J	Q, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-39-3	BARIIUM	89.2	J	0.0329	0.997	mg/kg		J	Q, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-41-7	BERYLLIUM	0.487	J	0.0668	0.997	mg/kg	J	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-42-8	BORON	4.14	J	0.837	9.97	mg/kg	J	J	Q, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-43-9	CADMIUM	0.997	UJ	0.0758	0.997	mg/kg	U	UJ	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-47-3	CHROMIUM	19	J	0.159	2.99	mg/kg		J	Q, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-48-4	COBALT	4.41	J	0.0987	0.997	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-50-8	COPPER	9.27	J	0.289	1.99	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-62-2	VANADIUM (FUME OR DUST)	31.2	J	0.130	0.997	mg/kg		J	Q, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-66-6	ZINC	49.7	J	0.199	3.99	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-67-7	ZIRCONIUM	1.42	J	0.837	4.98	mg/kg	J	J	Q, E, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-70-2	CALCIUM METAL	2240	J	3.33	19.9	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7723-14-0	PHOSPHORUS	337	J	2.88	9.97	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8015M	6/20/2013	PH056	2.6		1	PHCC21C30	EFH (C21-C30)	16		2.1	5.1	mg/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8015M	6/20/2013	PH056	2.6		1	PHCC30C40	EFH (C30-C40)	26		4.1	10	mg/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8015M	6/20/2013	PH056	2.6		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	11096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	14	J	6.1	18	ug/kg	J	J	Z	1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	117-84-0	Di-n-octylphthalate	46		6.1	18	ug/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	120-12-7	ANTHRACENE	1.8		0.34	1.7	ug/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	129-00-0	PYRENE	7		0.67	1.7	ug/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	205-99-2	BENZO(B)FLUORANTHENE	3.6		0.67	1.7	ug/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	206-44-0	FLUORANTHENE	12		0.67	1.7	ug/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	207-08-9	BENZO(K)FLUORANTHENE	1	J	0.67	1.7	ug/kg	J	J	Z	1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	208-96-8	ACENAPHTHYLENE	0.4	J	0.34	1.7	ug/kg	J	J	Z	1786135	266779.2	-118.70846
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1	218-01-9	Chrysene	1.9		0.34	1.7	ug/kg			1785801	267429.2	-118.70958	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	50-32-8	BENZO(A)PYRENE	0.68	J	0.67	1.7	ug/kg	J	J	Z	1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	56-55-3	BENZO(A)ANTHRACENE	0.78	J	0.67	1.7	ug/kg	J	J	Z	1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	83-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	84-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	85-01-8	PHENANTHRENE	6.9		0.67	1.7	ug/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	86-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	91-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	9045M	6/14/2013	PH056	2.6		1	pH	PH	6.55		0.0100	0.0100	pH unit			1786135	266779.2	-118.70846	
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8081B	6/19/2013	PH053	2.8		1	1024-57-3	HEPTACHLOR EPOXIDE	0.85	U	0.17	0.85	ug/kg	U		1786252	267217.6	-118.70808	
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8081B	6/19/2013	PH053	2.8		1	1031-07-8	ENDOSULFAN SULFATE	1.7	U	0.34	1.7	ug/kg	U		1786252	267217.6	-118.70808	
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8081B	6/19/2013	PH053	2.8		1	2385-85-5	MIREX	1.7	U	0.36	1.7	ug/kg	U		1786252	267217.6	-118.70808	
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8081B	6/19/2013	PH053	2.8		1	309-00-2	ALDRIN	0.85	U	0.17								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8270D SIM	6/20/2013	PH053	2.8		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8270D SIM	6/20/2013	PH053	2.8		185-01-8	PHENANTHRENE	45		0.68	1.7	ug/kg				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8270D SIM	6/20/2013	PH053	2.8		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8270D SIM	6/20/2013	PH053	2.8		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8270D SIM	6/20/2013	PH053	2.8		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8270D SIM	6/20/2013	PH053	2.8		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8270D SIM	6/20/2013	PH053	2.8		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	9045M	6/11/2013	PH053	2.8		1pH	PH	6.65		0.0100	0.0100	pH unit				1786252	267217.6	-118.70808
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	160.3M	6/13/2013	PH053	2.8		1MOIST	MOISTURE	2.8		0.10	0.10	%				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	1613B	6/21/2013	PH053	2.8		11746-01-6	2,3,7,8-TCDD	0.0246	J	0.0225	0.982	ng/kg	J	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	1613B	6/21/2013	PH053	2.8		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.56	J	0.0303	4.91	ng/kg	JB	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	1613B	6/21/2013	PH053	2.8		13268-87-9	OCDD	134		0.0316	9.82	ng/kg	B			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	1613B	6/21/2013	PH053	2.8		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	7.43		0.0428	4.91	ng/kg	B			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	1613B	6/21/2013	PH053	2.8		139001-02-0	OCDF	2.05	J	0.0264	9.82	ng/kg	JB	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	1613B	6/21/2013	PH053	2.8		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.14	J	0.0301	4.91	ng/kg	JQ	J	Z	1786325	267243.2	-118.70784
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		11746-01-6	2,3,7,8-TCDD	1.02	UJ	0.0253	1.02	ng/kg	U	UJ	FD	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.548	J	0.0252	5.09	ng/kg	JB	J	FD, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		13268-87-9	OCDD	64.9	J	0.0268	10.2	ng/kg	B	J	FD, Q	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.55	J	0.0305	5.09	ng/kg	B	J	FD	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		139001-02-0	OCDF	2.08	J	0.0277	10.2	ng/kg	JB	J	FD, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.09	UJ	0.0256	5.09	ng/kg	JBQ	UJ	B, FD	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		140321-76-4	1,2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	5.09	U	0.0293	5.09	ng/kg	JBQ	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0230	1.02	ng/kg	JBQ	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.09	UJ	0.0157	5.09	ng/kg	JBQ	UJ	B, FD	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		157117-31-4	2,3,4,7,8-PECDF	5.09	U	0.0166	5.09	ng/kg	JBQ	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.09	U	0.0177	5.09	ng/kg	JB	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		157117-44-9	1,2,3,6,7,8-HXCDF	5.09	U	0.0133	5.09	ng/kg	JBQ	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.453	J	0.0268	5.09	ng/kg	JB	J	FD, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		160851-34-5	2,3,4,6,7,8-HXCDF	5.09	U	0.0141	5.09	ng/kg	JBQ	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.762	J	0.0104	5.09	ng/kg	JB	J	FD, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		170648-26-9	1,2,3,4,7,8-HXCDF	5.09	U	0.0151	5.09	ng/kg	JBQ	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		172918-21-9	1,2,3,7,8,9-HXCDF	5.09	U	0.0166	5.09	ng/kg	JB	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		1TCDD TEQ	TCDD TEQ	0.217		0	0	ng/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/21/2013	PH052	2	10	7440-50-8	COPPER	20	UJ	1.80	20.0	mg/kg	U	UJ	Q, E	1786117	267076.6	-118.70852
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8015M	6/18/2013	PH055	5.8		1PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8015M	6/18/2013	PH055	5.8		1PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8015M	6/18/2013	PH055	5.8		1PHCC21C30	EFH (C21-C30)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8015M	6/18/2013	PH055	5.8		1PHCC30C40	EFH (C30-C40)	11	U	4.2	11	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8015M	6/18/2013	PH055	5.8		1PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8015M	6/19/2013	PH055	5.8	25.05	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	7471B	6/16/2013	PH055	5.8		17439-97-6	MERCURY	0.0112	J	0.0105	0.0174	mg/kg	J	J	Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	6020A	6/17/2013	PH055	5.8		27440-22-4	SILVER	0.0482	J	0.0212	0.212	mg/kg	J	J	Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	6020A	6/17/2013	PH055	5.8		27440-24-6	STRONTIUM	17.8	J	0.0361	0.425	mg/kg		J	E, Q, A	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	6020A	6/17/2013	PH055	5.8		27440-28-0	THALLIUM	0.199	J	0.0318	0.212	mg/kg	J	J	Q, Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.27	U	0.0195	5.27	ng/kg	JB	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		157117-44-9	1,2,3,6,7,8-HXCDF	5.27	U	0.0142	5.27	ng/kg	JBQ	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.27	U	0.0343	5.27	ng/kg	JBQ	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		160851-34-5	2,3,4,6,7,8-HXCDF	5.27	U	0.0154	5.27	ng/kg	JBQ	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.27	U	0.0158	5.27	ng/kg	JB	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		170648-26-9	1,2,3,4,7,8-HXCDF	5.27	U	0.0160	5.27	ng/kg	JBQ	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		172918-21-9	1,2,3,7,8,9-HXCDF	5.27	U	0.0173	5.27	ng/kg	JBQ	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		1TCDD TEQ	TCDD TEQ	0.068		0	0	ng/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	160.3M	6/18/2013	PH055	5.8		1MOIST	MOISTURE	5.8		0.10	0.10	%				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	9045M	6/13/2013	PH055	5.3		1pH	PH	6.62		0.0100	0.0100	pH unit				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10	J	6.3	19	ug/kg	J	J	Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1117-84-0	Di-n-octylphthalate	40		6.3	19	ug/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	218-01-9	Chrysene	26		3.4	17	ug/kg				1786232	267383.5	-118.70815
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		150-32-8	BENZO(A)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		183-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		184-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		184-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		185-01-8	PHENANTHRENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		186-73-7	FLUORENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		191-20-3	NAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8015M	6/18/2013	PH055	5.3		1PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8015M	6/18/2013	PH055	5.3		1PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8015M	6/18/2013	PH055	5.3		1PHCC21C30	EFH (C21-C30)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8015M	6/18/2013	PH055	5.3		1PHCC30C40	EFH (C30-C40)	11	U	4.2	11	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8015M	6/18/2013	PH055	5.3		1PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	7471B	6/16/2013	PH055	5.3		17439-97-6	MERCURY	0.0169	U	0.0102	0.0169	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6020A	6/17/2013	PH055	5.3		27440-22-4	SILVER	0.0472	J	0.0207	0.207	mg/kg	J	J	Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6020A	6/17/2013	PH055	5.3		27440-24-6	STRONTIUM	22.8	J	0.0352	0.414	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6020A	6/17/2013	PH055	5.3		27440-28-0	THALLIUM	0.259	J	0.0311	0.207	mg/kg	J		E, Q, A	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG																					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.97	U	0.0277	4.97	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.97	U	0.0296	4.97	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.994	U	0.0275	0.994	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.97	U	0.0169	4.97	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		157117-31-4	2,3,4,7,8-PECDF	4.97	U	0.0188	4.97	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.97	U	0.0199	4.97	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		157117-44-9	1,2,3,6,7,8-HXCDF	4.97	U	0.0174	4.97	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.847	J	0.0302	4.97	ng/kg	JB	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		160851-34-5	2,3,4,6,7,8-HXCDF	4.97	U	0.0171	4.97	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	1.44	J	0.0115	4.97	ng/kg	JB	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		170648-26-9	1,2,3,4,7,8-HXCDF	4.97	U	0.0182	4.97	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		172918-21-9	1,2,3,7,8,9-HXCDF	4.97	U	0.0208	4.97	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		1TCDD TEQ	TCDD TEQ	0.912		0	0	ng/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/20/2013	PH052	1.7		574400-50-8	COPPER	10.1	UJ	0.906	10.1	mg/kg	U	UJ	Q, E	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17429-90-5	ALUMINUM (FUME OR DUST)	16000		7.77	40.3	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17439-89-6	IRON	19000		3.83	40.3	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17439-92-1	LEAD	5.6		0.473	3.02	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17439-93-2	LITHIUM	16.7		0.55	4.0	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17439-95-4	MAGNESIUM	3460		1.74	10.1	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17439-96-5	MANGANESE	314		0.0836	1.01	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17439-98-7	MOLYBDENUM	2.01	U	0.171	2.01	mg/kg	J	U	F, B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-02-0	NICKEL	11.8		0.111	2.01	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-09-7	POTASSIUM	2710	J	13.6	101	mg/kg		J	Q	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-23-5	SODIUM	106		16.8	101	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-31-5	TIN	10.1	U	0.222	10.1	mg/kg	J	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-32-6	TITANIUM METAL POWDER	1290		0.171	1.01	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-36-0	ANTIMONY	4.03	UJ	0.504	4.03	mg/kg	U	UJ	Q	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-38-2	ARSENIC	4.1		0.332	4.03	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-39-3	BARIUM	96		0.0332	1.01	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-41-7	BERYLLIUM	0.58	J	0.0675	1.01	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-42-8	BORON	4.26	J	0.836	10.1	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-43-9	CADMIUM	0.508	J	0.0332	1.01	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-47-3	CHROMIUM	19.4		0.0886	3.02	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-48-4	COBALT	6.01		0.0906	1.01	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-62-2	VANADIUM (FUME OR DUST)	35.9		0.111	1.01	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-66-6	ZINC	41.9		0.201	4.03	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-67-7	ZIRCONIUM	1.48	J	0.836	5.04	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-70-2	CALCIUM METAL	1580		4.05	20.1	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17723-14-0	PHOSPHORUS	185		0.514	10.1	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6020A	6/19/2013	PH052	1.7		27782-49-2	SELENIUM	0.195	J	0.101	0.403	mg/kg	J	J	Q, E, Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6020A	6/19/2013	PH052	1.7		27440-22-4	SILVER	0.0256	J	0.0201	0.201	mg/kg	J	J	Q, E, Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6020A	6/19/2013	PH052	1.7		27440-24-6	STRONTIUM	24.3	J	0.0342	0.403	mg/kg	J	J	Q, E	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6020A	6/19/2013	PH052	1.7		27440-28-0	THALLIUM	0.302	J	0.0302	0.201	mg/kg		J	Q, E	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	7471B	6/17/2013	PH052	1.7		17439-97-6	MERCURY	0.0165	U	0.0099	0.0165	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8015M	6/15/2013	PH052	1.7		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786150	267130.4	-118.70841

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17439-93-2	LITHIUM	52.7		0.36	4.2	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17439-95-4	MAGNESIUM	10500		1.77	10.6	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17439-96-5	MANGANESE	618	J	0.0880	1.06	mg/kg	J	E		1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17439-98-7	MOLYBDENUM	2.12	UJ	0.180	2.12	mg/kg	J	UJ	F, FD, B	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-02-0	NICKEL	32.2		0.138	2.12	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-09-7	POTASSIUM	3110	J	8.84	106	mg/kg		J	Q	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-23-5	SODIUM	270		17.7	106	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-31-5	TIN	10.6	U	0.233	10.6	mg/kg	J	U	B	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-32-6	TITANIUM METAL POWDER	1730		0.180	1.06	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-36-0	ANTIMONY	4.24	UJ	0.784	4.24	mg/kg	U	UJ	Q	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-38-2	ARSENIC	12.8		0.742	4.24	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-39-3	BARIUM	171		0.0350	1.06	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-41-7	BERYLLIUM	1.47		0.0710	1.06	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-42-8	BORON	10.6	U	0.890	10.6	mg/kg	J	U	B	1786397	267222.9	-118.7076
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8015M	6/25/2013	PH058	1.7		1PHCC21C30	EFH (C21-C30)	14		2.0	5.1	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8015M	6/25/2013	PH058	1.7		1PHCC30C40	EFH (C30-C40)	30		4.1	10	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8015M	6/25/2013	PH058	1.7		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.0	18	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1117-84-0	Di-n-octylphthalate	230		6.0	18	ug/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1129-00-0	PYRENE	2.4		0.67	1.7	ug/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1205-99-2	BENZO(B)FLUORANTHENE	6.1		0.67	1.7	ug/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1206-44-0	FLUORANTHENE	3.2		0.67	1.7	ug/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1207-08-9	BENZO(K)FLUORANTHENE	0.91	J	0.67	1.7	ug/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786618	267304	-118.70687
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1218-01-9	Chrysene	81		0.34	1.7	ug/kg				1785651	267151.3	-118.71006
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		150-32-8	BENZO(A)PYRENE	1.1	J	0.67	1.7	ug/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		184-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		184-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		185-01-8	PHENANTHRENE	1.4	J	0.67	1.7	ug/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		191-20-3	NAPHTHALENE	0.89	J	0.67	1.7	ug/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	9045M	6/18/2013	PH058	1.7		1pH	PH	6.67		0.0100	0.0100	pH unit				1786618	267304	-118.70687
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	160.3M	6/25/2013	PH058	0.91		1MOIST	MOISTURE	0.91		0.10	0.10	%				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7440-47-3	CHROMIUM	21.2		0.155	2.91	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7440-48-4	COBALT	5.3	J	0.0961	0.970	mg/kg		J	E	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7440-50-8	COPPER	9.9	J	0.281	1.94	mg/kg		J	A	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7440-62-2	VANADIUM (FUME OR DUST)	35.7		0.126	0.970	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7440-66-6	ZINC	65.5		0.194	3.88	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7440-67-7	ZIRCONIUM	3.44	J	0.815	4.85	mg/kg	J	J	Z	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7440-70-2	CALCIUM METAL	2490		3.24	19.4	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7723-14-0	PHOSPHORUS	481		2.80	9.70	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6020A	6/27/2013	PH058	0.91	2	7782-49-2	SELENIUM	0.16	J	0.0970	0.388	mg/kg	J	J	Z	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6020A	6/27/2013	PH058	0.91	2	7440-22-4	SILVER	0.0529	J	0.0252	0.194	mg/kg	J	J	Z	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6020A	6/27/2013	PH058	0.91	2	7440-24-6	STRONTIUM	37.9	J	0.0505	0.388	mg/kg		J	Q	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6020A	6/27/2013	PH058	0.91	2	7440-28-0	THALLIUM	0.405		0.0291	0.194	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	7471B	6/28/2013	PH058	0.91	1	7439-97-6	MERCURY	0.0155	J	0.0098	0.0164	mg/kg	J	J	Z	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8015M	6/25/2013	PH058	0.91	1	PHCC12C14	EFH (C12-C14)	5	U	2.0	5.0	mg/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8015M	6/25/2013	PH058	0.91	1	PHCC15C20	EFH (C15-C20)	5	U	2.0	5.0	mg/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8015M	6/25/2013	PH058	0.91	1	PHCC21C30	EFH (C21-C30)	9.8		2.0	5.0	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8015M	6/25/2013	PH058	0.91	1	PHCC30C40	EFH (C30-C40)	29		4.0	10	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8015M	6/25/2013	PH058	0.91	1	PHCC8C11	EFH (C8-C11)	5	U	2.0	5.0	mg/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.0	18	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	117-84-0	Di-n-octylphtthalate	18	U	6.0	18	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	120-12-7	ANTHRACENE	1.7	U	0.33	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	129-00-0	PYRENE	1.9		0.67	1.7	ug/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	192-97-2	Benzo(e)pyrene	17	U	3.3	17	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	205-99-2	BENZO(B)FLUORANTHENE	2.8		0.67	1.7	ug/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	206-44-0	FLUORANTHENE	1.8		0.67	1.7	ug/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	208-96-8	ACENAPHTHYLENE	1.7	U	0.33	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8270D SIM	11/25/2013	PH128	2.9	1	218-01-9	Chrysene	0.61	J	0.34	1.7	ug/kg	J	J	Z	1785719	267118	-118.70984
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	50-32-8	BENZO(A)PYRENE	0.97	J	0.67	1.7	ug/kg	J	J	Z	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	56-55-3	BENZO(A)ANTHRACENE	0.81	J	0.67	1.7	ug/kg	J	J	Z	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	83-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	84-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	84-74-2	Di-n-butylphtthalate	18	U	6.0	18	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	85-01-8	PHENANTHRENE	0.75	J	0.67	1.7	ug/kg	J	J	Z	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	86-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	91-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	9045M	6/18/2013	PH058	0.91	1	pH	PH	6.41		0.0100	0.0100	pH unit				1786571	267216.5	-118.70702
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	160.3M	6/25/2013	PH059	2.7	1	MOIST												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	6010C	6/4/2013	PH042	4.3		1 7440-67-7	ZIRCONIUM	3.67	J	0.859	5.17	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	6010C	6/4/2013	PH042	4.3		1 7440-70-2	CALCIUM METAL	1820	J	4.16	20.7	mg/kg		J	Q	1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	6010C	6/4/2013	PH042	4.3		1 7723-14-0	PHOSPHORUS	144	J	0.528	10.3	mg/kg		J	Q	1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	6020A	6/9/2013	PH042	4.3		2 7440-24-6	STRONTIUM	17.3	J	0.0352	0.414	mg/kg		J	Q	1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	6020A	6/4/2013	PH042	4.3		2 7782-49-2	SELENIUM	0.414	U	0.103	0.414	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	6020A	6/4/2013	PH042	4.3		2 7440-22-4	SILVER	0.0626	J	0.0207	0.207	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	6020A	6/4/2013	PH042	4.3		2 7440-28-0	THALLIUM	0.265		0.0310	0.207	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	7471B	6/4/2013	PH042	4.3		1 7439-97-6	MERCURY	0.0168	U	0.0101	0.0168	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8015M	6/4/2013	PH042	4.3	24.18	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8015M	6/4/2013	PH042	4.3		1 PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8015M	6/4/2013	PH042	4.3		1 PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8015M	6/4/2013	PH042	4.3		1 PHCC21C30	EFH (C21-C30)	3.7	J	2.1	5.2	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8015M	6/4/2013	PH042	4.3		1 PHCC30C40	EFH (C30-C40)	10		4.2	10	mg/kg	J			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8015M	6/4/2013	PH042	4.3		1 PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 129-00-0	PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 206-44-0	FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 50-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 83-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 85-01-8	PHENANTHRENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 86-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 91-20-3	NAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	9045M	5/30/2013	PH042	4.3		1 pH	PH	6.91		0.0100	0.0100	pH unit				1786774	267119.7	-118.70635
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	160.3M	6/4/2013	PH042	1.5		1 MOIST	MOISTURE	1.5		0.10	0.10	%				1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	1613B	6/5/2013	PH042	1.5		1 1746-01-6	2,3,7,8-TCDD	0.988	U	0.0442	0.988	ng/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	1613B	6/5/2013	PH042	1.5		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.58	J	0.0852	4.94	ng/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	1613B	6/5/2013	PH042	1.5		1 3268-87-9	OCDD	462		0.0680	9.88	ng/kg	B			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG																					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6010C	6/4/2013	PH042	1.5		1	7440-62-2	VANADIUM (FUME OR DUST)	33.7		0.109	0.995	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6010C	6/4/2013	PH042	1.5		1	7440-66-6	ZINC	52.6		0.199	3.98	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6010C	6/4/2013	PH042	1.5		1	7440-67-7	ZIRCONIUM	3.29	J	0.826	4.98	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6010C	6/4/2013	PH042	1.5		1	7440-70-2	CALCIUM METAL	1850	J	4.00	19.9	mg/kg		J	Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6010C	6/4/2013	PH042	1.5		1	7723-14-0	PHOSPHORUS	365	J	0.508	9.95	mg/kg		J	Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6020A	6/9/2013	PH042	1.5		2	7440-24-6	STRONTIUM	20	J	0.0338	0.398	mg/kg		J	Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6020A	6/4/2013	PH042	1.5		2	7782-49-2	SELENIUM	0.144	J	0.0995	0.398	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6020A	6/4/2013	PH042	1.5		2	7440-22-4	SILVER	0.0415	J	0.0199	0.199	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7439-98-7	MOLYBDENUM	2.19	U	0.186	2.19	mg/kg	J	U	F	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-02-0	NICKEL	18.6		0.120	2.19	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-09-7	POTASSIUM	1040	J	14.8	110	mg/kg		J	Q	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-23-5	SODIUM	219		18.3	110	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-31-5	TIN	11	U	0.241	11.0	mg/kg	J	U	B	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-32-6	TITANIUM METAL POWDER	1110		0.186	1.10	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-36-0	ANTIMONY	4.38	UJ	0.548	4.38	mg/kg	J	UJ	B, Q	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-38-2	ARSENIC	4.64		0.361	4.38	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-39-3	BARIUM	115		0.0361	1.10	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-41-7	BERYLLIUM	1.19		0.0734	1.10	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-42-8	BORON	11	U	0.909	11.0	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-43-9	CADMIUM	0.0427	J	0.0361	1.10	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-47-3	CHROMIUM	38.6		0.0964	3.29	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-48-4	COBALT	4.74	J	0.0986	1.10	mg/kg		J	E	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-50-8	COPPER	22.8		0.197	2.19	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-62-2	VANADIUM (FUME OR DUST)	72.6		0.120	1.10	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-66-6	ZINC	49.4		0.219	4.38	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-67-7	ZIRCONIUM	5.99		0.909	5.48	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-70-2	CALCIUM METAL	3430		4.40	21.9	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7723-14-0	PHOSPHORUS	182		0.559	11.0	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		5	7439-89-6	IRON	39700		20.8	219	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6020A	6/11/2013	PH043	10.5		2	7782-49-2	SELENIUM	0.225	J	0.110	0.438	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6020A	6/11/2013	PH043	10.5		2	7440-22-4	SILVER	0.174	J	0.0219	0.219	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6020A	6/11/2013	PH043	10.5		2	7440-24-6	STRONTIUM	44.7		0.0372	0.438	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6020A	6/11/2013	PH043	10.5		2	7440-28-0	THALLIUM	0.293		0.0329	0.219	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	7471B	6/7/2013	PH043	10.5		1	7439-97-6	MERCURY	0.0304		0.0108	0.0180	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8015M	6/6/2013	PH043	10.5		1	PHCC12C14	EFH (C12-C14)	5.6	U	2.2	5.6	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8015M	6/6/2013	PH043	10.5		1	PHCC15C20	EFH (C15-C20)	5.6	U	2.2	5.6	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8015M	6/6/2013	PH043	10.5		1	PHCC21C30	EFH (C21-C30)	2.5	J	2.2	5.6	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8015M	6/6/2013	PH043	10.5		1	PHCC30C40	EFH (C30-C40)	4.9	J	4.5	11	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8015M	6/6/2013	PH043	10.5		1	PHCC8C11	EFH (C8-C11)	5.6	U	2.2	5.6	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8015M	6/5/2013	PH043	10.5	24.13	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786524	266889.1	-118.70717	
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8270D SIM	6/10/2013	PH043	10.5		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.7	20	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8270D SIM	6/10/2013	PH043	10.5		1	117-84-0	Di-n-octylphthalate	20	U	6.7	20	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8270D SIM	6/10/2013	PH043	10.5		1	120-12-7	ANTHRACENE	1.9	U	0.37	1.9	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8270D SIM	6/10/2013	PH043	10.5		1	129-00-0	PYRENE	1.9	U	0.74	1.9	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8270D SIM	6/10/2013	PH043	10.5		1	131-11-3	DIMETHYL PHTHALATE	20	U	6.7	20	ug/kg	U					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	1613B	6/6/2013	PH043	1.9		160851-34-5	2,3,4,6,7,8-HXCDF	0.274	J	0.0491	4.98	ng/kg	JB	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	1613B	6/6/2013	PH043	1.9		167562-39-4	1,2,3,4,6,7,8-HPCDF	4.16	J	0.0285	4.98	ng/kg	JB	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	1613B	6/6/2013	PH043	1.9		170648-26-9	1,2,3,4,7,8-HXCDF	0.273	J	0.0516	4.98	ng/kg	JBQ	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	1613B	6/6/2013	PH043	1.9		172918-21-9	1,2,3,7,8,9-HXCDF	0.232	J	0.0565	4.98	ng/kg	JBQ	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	1613B	6/6/2013	PH043	1.9		17CDD TEQ	TCDD TEQ	0.432		0	0	ng/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17429-90-5	ALUMINUM (FUME OR DUST)	12700		7.63	39.6	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17439-89-6	IRON	16300		3.76	39.6	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17439-92-1	LEAD	7.05		0.465	2.97	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17439-93-2	LITHIUM	17		0.54	4.0	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17439-95-4	MAGNESIUM	3140		1.71	9.90	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17439-96-5	MANGANESE	292	J	0.0821	0.990	mg/kg		J	E	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17439-98-7	MOLYBDENUM	1.98	U	0.168	1.98	mg/kg	J	U	F	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-02-0	NICKEL	10.2		0.109	1.98	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-09-7	POTASSIUM	3150	J	13.4	99.0	mg/kg		J	Q	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-23-5	SODIUM	69.4	J	16.5	99.0	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-31-5	TIN	9.9	U	0.218	9.90	mg/kg	J	U	B	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-32-6	TITANIUM METAL POWDER	999		0.168	0.990	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-36-0	ANTIMONY	3.96	UJ	0.495	3.96	mg/kg	J	UJ	B, Q	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-38-2	ARSENIC	4.33		0.327	3.96	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-39-3	BARIUM	89		0.0327	0.990	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-41-7	BERYLLIUM	0.516	J	0.0663	0.990	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-42-8	BORON	2.49	J	0.821	9.90	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-43-9	CADMIUM	0.269	J	0.0327	0.990	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-47-3	CHROMIUM	16.7		0.0871	2.97	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-48-4	COBALT	4.91	J	0.0891	0.990	mg/kg		J	E	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-50-8	COPPER	8.83		0.178	1.98	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-62-2	VANADIUM (FUME OR DUST)	28.8		0.109	0.990	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-66-6	ZINC	46.2		0.198	3.96	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-67-7	ZIRCONIUM	3.36	J	0.821	4.95	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-70-2	CALCIUM METAL	1820		3.98	19.8	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17723-14-0	PHOSPHORUS	357		0.505	9.90	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6020A	6/11/2013	PH043	1.9		27782-49-2	SELENIUM	0.0998	J	0.0990	0.396	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6020A	6/11/2013	PH043	1.9		27440-22-4	SILVER	0.0443	J	0.0198	0.198	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6020A	6/11/2013	PH043	1.9		27440-24-6	STRONTIUM	18.3		0.0336	0.396	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6020A	6/11/2013	PH043	1.9		27440-28-0	THALLIUM	0.217		0.0297	0.198	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	7471B	6/7/2013	PH043	1.9		17439-97-6	MERCURY	0.0165	U	0.0099	0.0165	mg/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8015M	6/6/2013	PH043	1.9		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8015M	6/6/2013	PH043	1.9		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8015M	6/6/2013	PH043	1.9		1PHCC21C30	EFH (C21-C30)	4.3	J	2.0	5.1	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8015M	6/6/2013	PH043	1.9		1PHCC30C40	EFH (C30-C40)	10		4.1	10	mg/kg	J			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8015M	6/6/2013	PH043	1.9		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		1117-84-0	Di-n-octylphtalate	18	U	6.1	18	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		1129-00-0	PYRENE	1.1	J	0.68	1.7	ug/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786598		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17429-90-5	ALUMINUM (FUME OR DUST)	37300		8.19	42.5	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17439-92-1	LEAD	12.7		0.499	3.19	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17439-93-2	LITHIUM	34.3		0.58	4.2	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17439-95-4	MAGNESIUM	5910		1.84	10.6	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17439-96-5	MANGANESE	520		0.0882	1.06	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17439-98-7	MOLYBDENUM	2.12	U	0.181	2.12	mg/kg	J	U	F, B	1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-02-0	NICKEL	19.1		0.117	2.12	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-09-7	POTASSIUM	2380		14.3	106	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-23-5	SODIUM	758		17.7	106	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-31-5	TIN	10.6	U	0.234	10.6	mg/kg	J	U	B	1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-32-6	TITANIUM METAL POWDER	1580		0.181	1.06	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-36-0	ANTIMONY	4.25	U	0.531	4.25	mg/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-38-2	ARSENIC	7.88		0.351	4.25	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-39-3	BARIUM	136		0.0351	1.06	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-41-7	BERYLLIUM	1.42		0.0712	1.06	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-42-8	BORON	10.6	U	0.882	10.6	mg/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-43-9	CADMIUM	1.06	U	0.0351	1.06	mg/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-47-3	CHROMIUM	34.8		0.0935	3.19	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-48-4	COBALT	13.4		0.0956	1.06	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-62-2	VANADIUM (FUME OR DUST)	67.7		0.117	1.06	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-66-6	ZINC	54.1		0.212	4.25	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-67-7	ZIRCONIUM	2.18	J	0.882	5.31	mg/kg	J	J	Z	1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17723-14-0	PHOSPHORUS	224		0.542	10.6	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6020A	6/11/2013	PH047	8.6		27782-49-2	SELENIUM	0.537		0.106	0.425	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6020A	6/11/2013	PH047	8.6		27440-22-4	SILVER	0.0763	J	0.0212	0.212	mg/kg	J	J	Z	1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6020A	6/11/2013	PH047	8.6		27440-24-6	STRONTIUM	24.4		0.0361	0.425	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6020A	6/11/2013	PH047	8.6		27440-28-0	THALLIUM	0.346		0.0319	0.212	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	7471B	6/11/2013	PH047	8.6		17439-97-6	MERCURY	0.025		0.0104	0.0173	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8015M	6/13/2013	PH047	8.6		1PHCC12C14	EFH (C12-C14)	5.5	U	2.2	5.5	mg/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8015M	6/13/2013	PH047	8.6		1PHCC15C20	EFH (C15-C20)	3.1	J	2.2	5.5	mg/kg	J	J	Q, Z	1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8015M	6/13/2013	PH047	8.6		1PHCC21C30	EFH (C21-C30)	5.5	U	2.2	5.5	mg/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8015M	6/13/2013	PH047	8.6		1PHCC30C40	EFH (C30-C40)	11	U	4.4	11	mg/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8015M	6/13/2013	PH047	8.6		1PHCC8C11	EFH (C8-C11)	5.5	U	2.2	5.5	mg/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.6	20	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1117-84-0	Di-n-octylphtthalate	20	U	6.6	20	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1120-12-7	ANTHRACENE	0.96	J	0.36	1.8	ug/kg	J	J	Z	1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1129-00-0	PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1192-97-2	Benzo(e)pyrene	19	U	3.6	19	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1208-96-8	ACENAPHTHYLENE	0.97	J	0.36	1.8	ug/kg	J	J	Z	1786049	267084.6	-118.70875
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-772-SA5A-SB-0.0-0.5	6/4/2																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	6010C	6/12/2013	PH047	1.2		17439-89-6	IRON	23200		3.73	39.3	mg/kg				1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	6010C	6/12/2013	PH047	1.2		17439-92-1	LEAD	9.59		0.462	2.95	mg/kg				1786319	266874.8	-118.70785
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	160.3M	6/25/2013	PH057	0.74		17439-92-1	MOIST	0.74		0.10	0.10	%				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		17466-01-6	2,3,7,8-TCDD	0.995	U	0.0426	0.995	ng/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.514	J	0.0538	4.97	ng/kg	JBQ	J	Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		13268-87-9	OCDD	88.1		0.0538	9.95	ng/kg	B			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.88		0.0530	4.97	ng/kg	B			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		139001-02-0	OCDF	2.05	J	0.0566	9.95	ng/kg	JB	J	FD, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.97	U	0.0513	4.97	ng/kg	JB	U	B	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.97	U	0.0604	4.97	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.995	UJ	0.0540	0.995	ng/kg	JBQ	UJ	B, FD	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.97	U	0.0375	4.97	ng/kg	JB	U	B	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		157117-31-4	2,3,4,7,8-PECDF	4.97	U	0.0396	4.97	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.97	U	0.0413	4.97	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		157117-44-9	1,2,3,6,7,8-HXCDF	0.196	J	0.0353	4.97	ng/kg	JBQ	J	Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.447	J	0.0558	4.97	ng/kg	JB	J	Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		160851-34-5	2,3,4,6,7,8-HXCDF	0.182	J	0.0337	4.97	ng/kg	JB	J	Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.891	J	0.0228	4.97	ng/kg	JB	J	Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		170648-26-9	1,2,3,4,7,8-HXCDF	4.97	U	0.0407	4.97	ng/kg	JB	U	B	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		172918-21-9	1,2,3,7,8,9-HXCDF	0.279	J	0.0464	4.97	ng/kg	JBQ	J	Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		17439-92-1	LEAD	8.94	J	0.484	2.91	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17439-93-2	LITHIUM	21.8	J	0.33	3.9	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17439-95-4	MAGNESIUM	4390	J	1.62	9.69	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17439-96-5	MANGANESE	337	J	0.0804	0.969	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17439-98-7	MOLYBDENUM	1.94	UJ	0.165	1.94	mg/kg	J		F, FD, B, Q	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-02-0	NICKEL	13.4	J	0.126	1.94	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-09-7	POTASSIUM	3890	J	8.08	96.9	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-23-5	SODIUM	82.5	J	16.2	96.9	mg/kg	J	J	Q, E, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-31-5	TIN	9.69	UJ	0.213	9.69	mg/kg	J	UJ	B, Q	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-32-6	TITANIUM METAL POWDER	1160	J	0.165	0.969	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-36-0	ANTIMONY	3.87	UJ	0.717	3.87	mg/kg	U	UJ	Q	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-38-2	ARSENIC	2.86	J	0.678	3.87	mg/kg	J	J	Q, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-39-3	BARIUM	107	J	0.0320	0.969	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-41-7	BERYLLIUM	0.591	J	0.0649	0.969	mg/kg	J	J	Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-42-8	BORON	4.03	J	0.814	9.69	mg/kg	J	J	Q, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-43-9	CADMIUM	0.969	UJ	0.0736	0.969	mg/kg	U	UJ	Q	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-47-3	CHROMIUM	22.4	J	0.155	2.91	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-48-4	COBALT	5.64	J	0.0959	0.969	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-50-8	COPPER	11	J	0.281	1.94	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-62-2	VANADIUM (FUME OR DUST)	38.5	J	0.126	0.969	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-66-6	ZINC	60.4	J	0.194	3.87	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		1218-01-9	Chrysene	1	J	0.33	1.7	ug/kg	J	J	FD, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		150-32-8	BENZO(A)PYRENE	0.78	J	0.66	1.7	ug/kg	J	J	FD, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.66	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		156-55-3	BENZO(A)ANTHRACENE	1.7	UJ	0.66	1.7	ug/kg	U	UJ	FD	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.66	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		183-32-9	ACENAPHTHENE	1.7	U	0.66	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		184-66-2	DIETHYL PHTHALATE	18	U	5.9	18	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		184-74-2	Di-n-butylphthalate	18	U	5.9	18	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		185-01-8	PHENANTHRENE	0.67	J	0.66	1.7	ug/kg	J	J	FD, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		185-68-7	BENZYL BUTYL PHTHALATE	6.2	J	5.9	18	ug/kg	J	J	FD, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		186-73-7	FLUORENE	1.7	U	0.66	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.66	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		191-20-3	NAPHTHALENE	1.7	U	0.66	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.66	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	9045M	6/15/2013	PH057	0.74		1pH	PH	6.03		0.0100	0.0100	pH unit				1786856	267386.7	-118.70608
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	160.3M	6/25/2013	PH057	1.7		1MOIST	MOISTURE	1.7		0.10	0.10	%				1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		11746-01-6	2,3,7,8-TCDD	1	U	0.0369	1.00	ng/kg	U			1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.365	J	0.0468	5.02	ng/kg	JB	J	Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		13268-87-9	OCDD	89.8		0.0532	10.0	ng/kg	B			1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	6.93		0.0493	5.02	ng/kg	B			1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		139001-02-0	OCDF	7.65	J	0.0504	10.0	ng/kg	JB	J	Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.02	U	0.0487	5.02	ng/kg	JBQ	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.02	U	0.0505	5.02	ng/kg	JBQ	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1	U	0.0327	1.00	ng/kg	U			1786944	267277.7	-118.70579
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		11746-01-6	2,3,7,8-TCDD	0.19	J	0.0285	0.993	ng/kg	JQ	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.78	J	0.0401	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		13268-87-9	OCDD	2940		0.0645	9.93	ng/kg	B			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	167		0.107	4.97	ng/kg	B			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		139001-02-0	OCDF	89.9		0.0251	9.93	ng/kg	B			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	2.12	J	0.0405	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	1.29	J	0.0413	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.225	J	0.0353	0.993	ng/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		155673-89-7	1,2,3,4,7,8,9-HPCDF	1.3	J	0.0296	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		157117-31-4	2,3,4,7,8-PECDF	0.461	J	0.0217	4.97	ng/kg	JBQ	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.468	J	0.0234	4.97	ng/kg	JBQ	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		157117-44-9	1,2,3,6,7,8-HXCDF	0.503	J	0.0243	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.78		0.0433	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		160851-34-5	2,3,4,6,7,8-HXCDF	0.686	J	0.0234	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		167562-39-4	1,2,3,4,6,7,8-HPCDF	17		0.0240	4.97	ng/kg	B			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		170648-26-9	1,2,3,4,7,8-HXCDF	0.721	J	0.0241	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		172918-21-9	1,2,3,7,8,9-HXCDF	0.422	J	0.0267	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		1TCDD TEQ	TCDD TEQ	5.58		0	0	ng/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	6010C	6/18/2013	PH056	1		17429-90-5	ALUMINUM (FUME OR DUST)	14200		7.71	40.0	mg/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG	</																				

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		111104-28-2	Aroclor 1221	17	U	5.1	17	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		111126-42-4	Aroclor 5460	33	U	10	33	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		111141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	41		6.0	18	ug/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1117-84-0	Di-n-octylphthalate	66		6.0	18	ug/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1120-12-7	ANTHRACENE	0.41	J	0.33	1.7	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1129-00-0	PYRENE	2.2		0.66	1.7	ug/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1191-24-2	BENZO(G,H,I)PERYLENE	0.98	J	0.66	1.7	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1192-97-2	Benzo(e)pyrene	17	U	3.3	17	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1193-39-5	INDENO(1,2,3-CD)PYRENE	0.88	J	0.66	1.7	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1205-99-2	BENZO(B)FLUORANTHENE	3		0.66	1.7	ug/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1206-44-0	FLUORANTHENE	2.6		0.66	1.7	ug/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1207-08-9	BENZO(K)FLUORANTHENE	0.93	J	0.66	1.7	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.33	1.7	ug/kg	U			1786148	266847.3	-118.70841
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		1218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		150-32-8	BENZO(A)PYRENE	1.1	J	0.66	1.7	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.66	1.7	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		156-55-3	BENZO(A)ANTHRACENE	0.88	J	0.66	1.7	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.66	1.7	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		183-32-9	ACENAPHTHENE	1.7	U	0.66	1.7	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		184-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		184-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		185-01-8	PHENANTHRENE	2.2		0.66	1.7	ug/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		185-68-7	BENZYL BUTYL PHTHALATE	6.9	J	6.0	18	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		186-73-7	FLUORENE	1.7	U	0.66	1.7	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.66	1.7	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		191-20-3	NAPHTHALENE	1.7	U	0.66	1.7	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		191-57-6	2-METHYLNAPHTHALENE	0.7	J	0.66	1.7	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	9045M	6/14/2013	PH056	1		1pH	PH	6.36		0.0100	0.0100	pH unit				1786148	266847.3	-118.70841
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	160.3M	6/18/2013	PH056	2.6		1MOIST	MOISTURE	2.6		0.10	0.10	%				1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/25/2013	PH056	2.6	10	3268-87-9	OCDD	22100		0.110	10.2	ng/kg	B			1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		11746-01-6	2,3,7,8-TCDD	1.14		0.0431	1.02	ng/kg				1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	39		0.0704	5.09	ng/kg	B			1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	955		0.213	5.09	ng/kg	B			1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		139001-02-0	OCDF	173		0.0420	10.2	ng/kg	B			1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	16.3		0.0674	5.09	ng/kg	B			1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	9.96		0.0927	5.09	ng/kg	B			1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.227	J	0.0425	1.02	ng/kg	JQ	J	Z	1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		155673-89-7	1,2,3,4,7,8,9-HPCDF	2.07	J	0.0348	5.09							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.03	U	0.0270	5.03	ng/kg	JB	U	B	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		157117-44-9	1,2,3,6,7,8-HXCDF	5.03	U	0.0230	5.03	ng/kg	JB	U	B	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	2.37	J	0.0443	5.03	ng/kg	JB	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		160851-34-5	2,3,4,6,7,8-HXCDF	5.03	U	0.0245	5.03	ng/kg	JB	U	B	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	8.12		0.0191	5.03	ng/kg	B			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		170648-26-9	1,2,3,4,7,8-HXCDF	5.03	U	0.0243	5.03	ng/kg	JB	U	B	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		172918-21-9	1,2,3,7,8,9-HXCDF	5.03	U	0.0269	5.03	ng/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		1TCDD TEQ	TCDD TEQ	2.32		0	0	ng/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/21/2013	PH052	1.7	10	7440-50-8	COPPER	19.9	UJ	1.80	19.9	mg/kg	U	UJ	Q, E	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17429-90-5	ALUMINUM (FUME OR DUST)	18900		7.69	39.9	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17439-89-6	IRON	20900		3.79	39.9	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17439-92-1	LEAD	12.7		0.469	2.99	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17439-93-2	LITHIUM	19.1		0.55	4.0	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17439-95-4	MAGNESIUM	3720		1.73	9.97	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17439-96-5	MANGANESE	291		0.0828	0.997	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17439-98-7	MOLYBDENUM	1.99	U	0.170	1.99	mg/kg	J	U	F, B	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-02-0	NICKEL	12.6		0.110	1.99	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-09-7	POTASSIUM	2180	J	13.5	99.7	mg/kg		J	Q	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-23-5	SODIUM	180		16.7	99.7	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-31-5	TIN	9.97	U	0.219	9.97	mg/kg	J	U	B	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-32-6	TITANIUM METAL POWDER	1340		0.170	0.997	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-36-0	ANTIMONY	3.99	UJ	0.499	3.99	mg/kg	U	UJ	Q	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-38-2	ARSENIC	3.84	J	0.329	3.99	mg/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-39-3	BARIUM	94.4		0.0329	0.997	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-41-7	BERYLLIUM	0.675	J	0.0668	0.997	mg/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-42-8	BORON	4.57	J	0.828	9.97	mg/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-43-9	CADMIUM	0.529	J	0.0329	0.997	mg/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-47-3	CHROMIUM	21.4		0.0878	2.99	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-48-4	COBALT	6.44		0.0898	0.997	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-62-2	VANADIUM (FUME OR DUST)	39.5		0.110	0.997	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-66-6	ZINC	40.5		0.199	3.99	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-67-7	ZIRCONIUM	2.35	J	0.828	4.99	mg/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-70-2	CALCIUM METAL	1700		4.01	19.9	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17723-14-0	PHOSPHORUS	187		0.509	9.97	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6020A	6/19/2013	PH052	1.7	2	7782-49-2	SELENIUM	0.186	J	0.0997	0.399	mg/kg	J	J	Q, E, Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6020A	6/19/2013	PH052	1.7	2	7440-22-4	SILVER	0.0674	J	0.0199	0.199	mg/kg	J	J	Q, E, Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6020A	6/19/2013	PH052	1.7	2	7440-24-6	STRONTIUM	20.5	J	0.0339	0.399	mg/kg		J	Q, E	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6020A	6/19/2013	PH052	1.7	2	7440-28-0	THALLIUM	0.321	J	0.0299	0.199	mg/kg		J	Q, E	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	7471B	6/17/2013	PH052	1.7		17439-97-6	MERCURY	0.0187		0.0100	0.0167	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8015M	6/15/2013	PH052	1.7		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8015M	6/15/2013	PH052	1.7		1PHCC15C20	EFH (C15-C20)	9.8		2.0	5.1	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8015M	6/15/2013	PH052	1.7		1PHCC21C30	EFH (C21-C30)	38		2.0	5.1	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8015M	6/15/2013	PH052	1.7		1PHCC30C40	EFH (C30-C40)	28		4.1	10	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8015M	6/15/2013	PH052	1.7		1PHCC8C11	EFH (C8-C11)	17		2.0	5.1	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8081B	6/20/2013	PH052	1.7		11024-57-3	HEPTACHLOR EPOXIDE	0.84	U	0.17	0.84	ug/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8081B	6/20																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		184-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		184-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		185-01-8	PHENANTHRENE	5.3		0.67	1.7	ug/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		190-12-0	1-METHYLNAPHTHALENE	0.69	J	0.67	1.7	ug/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		191-20-3	NAPHTHALENE	1.2	J	0.67	1.7	ug/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		191-57-6	2-METHYLNAPHTHALENE	0.97	J	0.67	1.7	ug/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	9045M	6/11/2013	PH052	1.7		1pH	PH	6.68		0.0100	0.0100	pH unit				1786077	267113.1	-118.70865
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	160.3M	6/13/2013	PH052	2		1MOIST	MOISTURE	2		0.10	0.10	%				1786117	267076.6	-118.70852
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		185-68-7	BENZYL BUTYL PHTHALATE	68		6.2	19	ug/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8015M	6/18/2013	PH055	4.1		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8015M	6/18/2013	PH055	4.1		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8015M	6/18/2013	PH055	4.1		1PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8015M	6/18/2013	PH055	4.1		1PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8015M	6/18/2013	PH055	4.1		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	7471B	6/16/2013	PH055	4.1		17439-97-6	MERCURY	0.0166	U	0.0099	0.0166	mg/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6020A	6/17/2013	PH055	4.1		27440-22-4	SILVER	0.0273	J	0.0204	0.204	mg/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6020A	6/17/2013	PH055	4.1		27440-24-6	STRONTIUM	25.8	J	0.0348	0.409	mg/kg	J		E, Q, A	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6020A	6/17/2013	PH055	4.1		27440-28-0	THALLIUM	0.298	J	0.0307	0.204	mg/kg	J		Q	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6020A	6/17/2013	PH055	4.1		27782-49-2	SELENIUM	0.173	J	0.102	0.409	mg/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17429-90-5	ALUMINUM (FUME OR DUST)	16400		7.88	40.9	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17439-89-6	IRON	19300		3.88	40.9	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17439-92-1	LEAD	5.8		0.480	3.07	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17439-93-2	LITHIUM	20.7		0.56	4.1	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17439-95-4	MAGNESIUM	3720		1.77	10.2	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17439-96-5	MANGANESE	279		0.0849	1.02	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17439-98-7	MOLYBDENUM	2.04	U	0.174	2.04	mg/kg	J	U	F, B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-02-0	NICKEL	11.1		0.112	2.04	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-09-7	POTASSIUM	2260		13.8	102	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-23-5	SODIUM	129		17.1	102	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-32-6	TITANIUM METAL POWDER	1120		0.174	1.02	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-36-0	ANTIMONY	4.09	UJ	0.511	4.09	mg/kg	U	UJ	Q	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-38-2	ARSENIC	5.65		0.337	4.09	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-39-3	BARIUM	98.2		0.0337	1.02	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-41-7	BERYLLIUM	0.768	J	0.0685	1.02	mg/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17439-95-4	MAGNESIUM	3820		1.73	10.0	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17439-96-5	MANGANESE	275		0.0830	1.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17439-98-7	MOLYBDENUM	2	UJ	0.170	2.00	mg/kg	J	UJ	F, FD, B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-02-0	NICKEL	14.2		0.110	2.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-09-7	POTASSIUM	2170	J	13.5	100	mg/kg		J	Q	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-23-5	SODIUM	99.1	J	16.7	100	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-31-5	TIN	10	U	0.220	10.0	mg/kg	J	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-32-6	TITANIUM METAL POWDER	1310		0.170	1.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-36-0	ANTIMONY	4	UJ	0.500	4.00	mg/kg	U	UJ	Q	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-38-2	ARSENIC	4.42		0.330	4.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-39-3	BARIUM	108		0.0330	1.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-41-7	BERYLLIUM	0.812	J	0.0670	1.00	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-42-8	BORON	4.91	J	0.830	10.0	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-43-9	CADMIUM	0.511	J	0.0330	1.00	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-47-3	CHROMIUM	22.1		0.0880	3.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-48-4	COBALT	6.52		0.0900	1.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-62-2	VANADIUM (FUME OR DUST)	41.3		0.110	1.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-66-6	ZINC	42.4		0.200	4.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-67-7	ZIRCONIUM	2.25	J	0.830	5.00	mg/kg	J	J	FD, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-70-2	CALCIUM METAL	1800		4.02	20.0	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17723-14-0	PHOSPHORUS	217		0.510	10.0	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6020A	6/19/2013	PH052	2		27782-49-2	SELENIUM	0.156	J	0.100	0.400	mg/kg	J	J	Q, E, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6020A	6/19/2013	PH052	2		27440-22-4	SILVER	0.0444	J	0.0200	0.200	mg/kg	J	J	Q, E, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6020A	6/19/2013	PH052	2		27440-24-6	STRONTIUM	22.6	J	0.0340	0.400	mg/kg		J	Q, E	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6020A	6/19/2013	PH052	2		27440-28-0	THALLIUM	0.261	J	0.0300	0.200	mg/kg		J	Q, E	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	7471B	6/17/2013	PH052	2		17439-97-6	MERCURY	0.0125	J	0.0099	0.0164	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8015M	6/15/2013	PH052	2		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8015M	6/15/2013	PH052	2		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8015M	6/15/2013	PH052	2		1PHCC21C30	EFH (C21-C30)	3	J	2.0	5.1	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8015M	6/15/2013	PH052	2		1PHCC30C40	EFH (C30-C40)	6.8	J	4.1	10	mg/kg	J	J	FD, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8015M	6/15/2013	PH052	2		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		11024-57-3	HEPTACHLOR EPOXIDE	0.85	U	0.17	0.85	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		11031-07-8	ENDOSULFAN SULFATE	1.7	U	0.34	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		12385-85-5	MIREX	1.7	U	0.36	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		1309-00-2	ALDRIN	0.85	U	0.17	0.85	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		1319-84-6	ALPHA-BHC	0.85	U	0.17	0.85	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		1319-85-7	BETA-BHC	1.9	U	0.98	1.9	ug/kg	U			1786117	267076.6	-118.70852
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.19	U	0.0216	5.19	ng/kg	JB	U	B	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		139001-02-0	OCDF	10.4	UJ	0.0246	10.4	ng/kg	JB	UJ	B, FD	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0407	J	0.0201	5.19	ng/kg	JQ	J	Z	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.19	UJ	0.0277	5.19	ng/kg	JB	UJ	B, FD	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0192	J	0.0173	1.04	ng/kg	JQ	J	FD, Z	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.19	U	0.0108	5.19	ng/kg	JB	U	B	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		157117-31-4	2,3,4,7,8-PECDF	5.19	UJ	0.0119	5.19	ng/kg	JBQ	UJ	B, FD	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.19	UJ	0.0116	5.19	ng/kg	JBQ	UJ	B, FD	17		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-02-0	NICKEL	13.1		0.128	1.96	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-09-7	POTASSIUM	4340	J	8.19	98.2	mg/kg		J	Q	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-23-5	SODIUM	79.6	J	16.4	98.2	mg/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-31-5	TIN	9.82	U	0.216	9.82	mg/kg	J	U	B	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-32-6	TITANIUM METAL POWDER	1230		0.167	0.982	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-36-0	ANTIMONY	3.93	UJ	0.727	3.93	mg/kg	U	UJ	Q	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-38-2	ARSENIC	3.94		0.688	3.93	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-39-3	BARIUM	124		0.0324	0.982	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-41-7	BERYLLIUM	0.581	J	0.0658	0.982	mg/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-42-8	BORON	9.82	U	0.825	9.82	mg/kg	J	U	B	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-43-9	CADMIUM	0.344	J	0.0746	0.982	mg/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-47-3	CHROMIUM	20.6		0.157	2.95	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-48-4	COBALT	5.69	J	0.0972	0.982	mg/kg		J	E	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-50-8	COPPER	14.8	J	0.285	1.96	mg/kg		J	A	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-62-2	VANADIUM (FUME OR DUST)	35.9		0.128	0.982	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-66-6	ZINC	68.8		0.196	3.93	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-67-7	ZIRCONIUM	3.28	J	0.825	4.91	mg/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-70-2	CALCIUM METAL	2850		3.28	19.6	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17723-14-0	PHOSPHORUS	507		2.84	9.82	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6020A	6/27/2013	PH058	2.1		27782-49-2	SELENIUM	0.226	J	0.0982	0.393	mg/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6020A	6/27/2013	PH058	2.1		27440-22-4	SILVER	0.0601	J	0.0255	0.196	mg/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6020A	6/27/2013	PH058	2.1		27440-24-6	STRONTIUM	40.3	J	0.0511	0.393	mg/kg		J	Q	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6020A	6/27/2013	PH058	2.1		27440-28-0	THALLIUM	0.431		0.0295	0.196	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	7471B	6/28/2013	PH058	2.1		17439-97-6	MERCURY	0.012	J	0.010	0.0167	mg/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8015M	6/25/2013	PH058	2.1		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8015M	6/25/2013	PH058	2.1		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8015M	6/25/2013	PH058	2.1		1PHCC21C30	EFH (C21-C30)	8.8		2.0	5.1	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8015M	6/25/2013	PH058	2.1		1PHCC30C40	EFH (C30-C40)	18		4.1	10	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8015M	6/25/2013	PH058	2.1		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1117-84-0	Di-n-octylphtalate	200		6.1	18	ug/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1129-00-0	PYRENE	1.1	J	0.68	1.7	ug/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1205-99-2	BENZO(B)FLUORANTHENE	4.3		0.68	1.7	ug/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1206-44-0	FLUORANTHENE	1.3	J	0.68	1.7	ug/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5218-01-9	Chrysene	21		1.7	8.5	ug/kg				1785931	267112.4	-118.70914
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786456	267259.4	-118.7074

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17439-98-7	MOLYBDENUM	1.98	U	0.168	1.98	mg/kg	J	U	F, B	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-02-0	NICKEL	13.7		0.128	1.98	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-09-7	POTASSIUM	4030	J	8.24	98.8	mg/kg		J	Q	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-23-5	SODIUM	81.2	J	16.5	98.8	mg/kg	J	U	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-31-5	TIN	9.88	U	0.217	9.88	mg/kg	J	U	B	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-32-6	TITANIUM METAL POWDER	1180		0.168	0.988	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-36-0	ANTIMONY	3.95	UJ	0.731	3.95	mg/kg	U	UJ	Q	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-38-2	ARSENIC	4.18		0.691	3.95	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-39-3	BARIUM	116		0.0326	0.988	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-41-7	BERYLLIUM	0.628	J	0.0662	0.988	mg/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-42-8	BORON	9.88	U	0.830	9.88	mg/kg	J	U	B	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-43-9	CADMIUM	0.252	J	0.0751	0.988	mg/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-47-3	CHROMIUM	21.7		0.158	2.96	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-48-4	COBALT	5.49	J	0.0978	0.988	mg/kg		J	E	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-50-8	COPPER	10.1	J	0.286	1.98	mg/kg		J	A	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-62-2	VANADIUM (FUME OR DUST)	37.7		0.128	0.988	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-66-6	ZINC	64.2		0.198	3.95	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-67-7	ZIRCONIUM	3.47	J	0.830	4.94	mg/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-70-2	CALCIUM METAL	2350		3.30	19.8	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17723-14-0	PHOSPHORUS	432		2.85	9.88	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6020A	6/27/2013	PH058	1.7		27782-49-2	SELENIUM	0.196	J	0.0988	0.395	mg/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6020A	6/27/2013	PH058	1.7		27440-22-4	SILVER	0.0558	J	0.0257	0.198	mg/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6020A	6/27/2013	PH058	1.7		27440-24-6	STRONTIUM	33.7	J	0.0514	0.395	mg/kg		J	Q	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6020A	6/27/2013	PH058	1.7		27440-28-0	THALLIUM	0.365		0.0296	0.198	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	7471B	6/28/2013	PH058	1.7		17439-97-6	MERCURY	0.0107	J	0.0097	0.0162	mg/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8015M	6/25/2013	PH058	1.7		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8015M	6/25/2013	PH058	1.7		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786618	267304	-118.70687
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1191-24-2	BENZO(C,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1205-99-2	BENZO(B)FLUORANTHENE	0.69	J	0.69	1.7	ug/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1206-44-0	FLUORANTHENE	1	J	0.69	1.7	ug/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1218-01-9	Chrysene	1	J	0.35	1.7	ug/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		184-66-2	DIETHYL PHTHALATE	19	UJ	6.2	19	ug/kg	U	UJ	Q	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		185-01-8	PHENANTHRENE	0.94	J	0.69	1.7	ug/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		186-73-7	FLUORENE	1.7	U	0								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-36-0	ANTIMONY	3.99	UJ	0.499	3.99	mg/kg	J	UJ	B, Q	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-38-2	ARSENIC	4.79		0.329	3.99	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-39-3	BARIUM	105		0.0329	0.998	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-41-7	BERYLLIUM	0.639	J	0.0669	0.998	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-42-8	BORON	3.52	J	0.829	9.98	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-43-9	CADMIUM	0.331	J	0.0329	0.998	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-47-3	CHROMIUM	20.2		0.0879	3.00	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-48-4	COBALT	6.06		0.0899	0.998	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-50-8	COPPER	11.1		0.180	2.00	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-62-2	VANADIUM (FUME OR DUST)	35.6		0.110	0.998	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-66-6	ZINC	55.2		0.200	3.99	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-67-7	ZIRCONIUM	3.62	J	0.829	4.99	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-70-2	CALCIUM METAL	2130	J	4.01	20.0	mg/kg	J	J	Q	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7723-14-0	PHOSPHORUS	370	J	0.509	9.98	mg/kg		J	Q	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6020A	6/9/2013	PH042	1.8		2	7440-24-6	STRONTIUM	21.7	J	0.0339	0.399	mg/kg		J	Q	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6020A	6/4/2013	PH042	1.8		2	7782-49-2	SELENIUM	0.399	U	0.0998	0.399	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6020A	6/4/2013	PH042	1.8		2	7440-22-4	SILVER	0.0523	J	0.0200	0.200	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6020A	6/4/2013	PH042	1.8		2	7440-28-0	THALLIUM	0.261		0.0300	0.200	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	7471B	6/4/2013	PH042	1.8		1	7439-97-6	MERCURY	0.011	J	0.0101	0.0168	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8015M	6/4/2013	PH042	1.8		1	PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8015M	6/4/2013	PH042	1.8		1	PHCC15C20	EFH (C15-C20)	3.2	J	2.0	5.1	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8015M	6/4/2013	PH042	1.8		1	PHCC21C30	EFH (C21-C30)	19		2.0	5.1	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8015M	6/4/2013	PH042	1.8		1	PHCC30C40	EFH (C30-C40)	36		4.1	10	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8015M	6/4/2013	PH042	1.8		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	129-00-0	PYRENE	1.8		0.68	1.7	ug/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	205-99-2	BENZO(B)FLUORANTHENE	1.5	J	0.68	1.7	ug/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	206-44-0	FLUORANTHENE	2		0.68	1.7	ug/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1	218-01-9	Chrysene	7.3		0.35	1.7	ug/kg				1785955	267194.2	-118.70906
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	50-32-8	BENZO(A)PYRENE	0.71	J	0.68	1.7	ug/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	83-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	84-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	85-01-8	PHENANTHRENE	1.9		0.68	1.7	ug/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0																													

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17429-90-5	ALUMINUM (FUME OR DUST)	17200		7.76	40.2	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17439-89-6	IRON	22000		3.82	40.2	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17439-92-1	LEAD	6.38		0.473	3.02	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17439-93-2	LITHIUM	21.6		0.55	4.0	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17439-95-4	MAGNESIUM	4360		1.74	10.1	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17439-96-5	MANGANESE	417	J	0.0835	1.01	mg/kg		J	E	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17439-98-7	MOLYBDENUM	2.01	U	0.171	2.01	mg/kg	J	U	F	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-02-0	NICKEL	14.7		0.111	2.01	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-09-7	POTASSIUM	4090	J	13.6	101	mg/kg		J	Q	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-23-5	SODIUM	94.6	J	16.8	101	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-31-5	TIN	10.1	U	0.221	10.1	mg/kg	J	U	B	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-32-6	TITANIUM METAL POWDER	1290		0.171	1.01	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-36-0	ANTIMONY	4.02	UJ	0.503	4.02	mg/kg	J	UJ	B, Q	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-38-2	ARSENIC	4.5		0.332	4.02	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-39-3	BARIUM	134		0.0332	1.01	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-41-7	BERYLLIUM	0.685	J	0.0674	1.01	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-42-8	BORON	2.86	J	0.835	10.1	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-43-9	CADMIUM	0.419	J	0.0332	1.01	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-47-3	CHROMIUM	22.9		0.0885	3.02	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-48-4	COBALT	6.63	J	0.0905	1.01	mg/kg		J	E	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-50-8	COPPER	13.7		0.181	2.01	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-62-2	VANADIUM (FUME OR DUST)	38.7		0.111	1.01	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-66-6	ZINC	64.2		0.201	4.02	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-67-7	ZIRCONIUM	4.18	J	0.835	5.03	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-70-2	CALCIUM METAL	2440		4.04	20.1	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17723-14-0	PHOSPHORUS	389		0.513	10.1	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6020A	6/11/2013	PH043	3.5		27782-49-2	SELENIUM	0.176	J	0.101	0.402	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6020A	6/11/2013	PH043	3.5		27440-22-4	SILVER	0.0589	J	0.0201	0.201	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6020A	6/11/2013	PH043	3.5		27440-24-6	STRONTIUM	34.2		0.0342	0.402	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6020A	6/11/2013	PH043	3.5		27440-28-0	THALLIUM	0.393		0.0302	0.201	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	7471B	6/7/2013	PH043	3.5		17439-97-6	MERCURY	0.0162	U	0.0097	0.0162	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8015M	6/6/2013	PH043	3.5		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8015M	6/6/2013	PH043	3.5		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8015M	6/6/2013	PH043	3.5		1PHCC21C30	EFH (C21-C30)	5.9		2.1	5.2	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8015M	6/6/2013	PH043	3.5		1PHCC30C40	EFH (C30-C40)	11		4.1	10	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8015M	6/6/2013	PH043	3.5		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1191-24-2	BENZO(C,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	1613B	6/6/2013	PH043	10.5		1	TCDD TEQ	TCDD TEQ	0.0441		0					1786524	266889.1	-118.70717	
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7429-90-5	ALUMINUM (FUME OR DUST)	34600		8.45	43.8	mg/kg			1786524	266889.1	-118.70717	
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7439-92-1	LEAD	12.4		0.515	3.29	mg/kg			1786524	266889.1	-118.70717	
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7439-93-2	LITHIUM	46.7		0.60	4.4	mg/kg			1786524	266889.1	-118.70717	
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7439-95-4	MAGNESIUM	5270		1.90	11.0	mg/kg			1786524	266889.1	-118.70717	
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7439-96-5	MANGANESE	167	J	0.0909	1.10	mg/kg		J	E	1786524	266889.1	-118.70717
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-42-8	BORON	2.88	J	0.853	10.3	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-43-9	CADMIUM	0.394	J	0.0339	1.03	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-47-3	CHROMIUM	20.4		0.0904	3.08	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-48-4	COBALT	5.54	J	0.0925	1.03	mg/kg		J	E	1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-50-8	COPPER	11.6		0.185	2.06	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-62-2	VANADIUM (FUME OR DUST)	33.8		0.113	1.03	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-66-6	ZINC	57.2		0.206	4.11	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-67-7	ZIRCONIUM	3.21	J	0.853	5.14	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-70-2	CALCIUM METAL	2220		4.13	20.6	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7723-14-0	PHOSPHORUS	408		0.524	10.3	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6020A	6/11/2013	PH043	4.6		2	7782-49-2	SELENIUM	0.131	J	0.103	0.411	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6020A	6/11/2013	PH043	4.6		2	7440-22-4	SILVER	0.158	J	0.0206	0.206	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6020A	6/11/2013	PH043	4.6		2	7440-24-6	STRONTIUM	19.1		0.0349	0.411	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6020A	6/11/2013	PH043	4.6		2	7440-28-0	THALLIUM	0.26		0.0308	0.206	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	7471B	6/7/2013	PH043	4.6		1	7439-97-6	MERCURY	0.015	J	0.0103	0.0172	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8015M	6/6/2013	PH043	4.6		1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8015M	6/6/2013	PH043	4.6		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8015M	6/6/2013	PH043	4.6		1	PHCC21C30	EFH (C21-C30)	13		2.1	5.2	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8015M	6/6/2013	PH043	4.6		1	PHCC30C40	EFH (C30-C40)	22		4.2	10	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8015M	6/6/2013	PH043	4.6		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	129-00-0	PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	206-44-0	FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1	218-01-9	Chrysene	0.47	J	0.34	1.7	ug/kg	J	J	FD, Z	1786161	267398.6	-118.70838
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	83-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-31-5	TIN	10.6	U	0.233	10.6	mg/kg	J	U	B	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-32-6	TITANIUM METAL POWDER	1460		0.180	1.06	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-36-0	ANTIMONY	4.24	UJ	0.530	4.24	mg/kg	J	UJ	B, FD, Q	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-38-2	ARSENIC	3.74	J	0.350	4.24	mg/kg	J		FD, Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-39-3	BARIUM	171	J	0.0350	1.06	mg/kg	J	FD		1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-41-7	BERYLLIUM	1.66	J	0.0710	1.06	mg/kg		J	FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-42-8	BORON	10.6	UJ	0.880	10.6	mg/kg	U	UJ	FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-43-9	CADMIUM	0.0392	J	0.0350	1.06	mg/kg	J	J	FD, Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-47-3	CHROMIUM	51.2	J	0.0933	3.18	mg/kg	J		FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-48-4	COBALT	13.1	J	0.0954	1.06	mg/kg	J	FD, E		1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-50-8	COPPER	28.7	J	0.191	2.12	mg/kg		J	FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-62-2	VANADIUM (FUME OR DUST)	82.3	J	0.117	1.06	mg/kg		J	FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-66-6	ZINC	80.6		0.212	4.24	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-67-7	ZIRCONIUM	6.9		0.880	5.30	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-70-2	CALCIUM METAL	5340	J	4.26	21.2	mg/kg		J	FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7723-14-0	PHOSPHORUS	464		0.541	10.6	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		5	7439-89-6	IRON	43000		20.1	212	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6020A	6/11/2013	PH043	8.4		2	7782-49-2	SELENIUM	0.149	J	0.106	0.424	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6020A	6/11/2013	PH043	8.4		2	7440-22-4	SILVER	0.0457	J	0.0212	0.212	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6020A	6/11/2013	PH043	8.4		2	7440-24-6	STRONTIUM	45.7	J	0.0360	0.424	mg/kg		J	FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6020A	6/11/2013	PH043	8.4		2	7440-28-0	THALLIUM	0.309		0.0318	0.212	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	7471B	6/7/2013	PH043	8.4		1	7439-97-6	MERCURY	0.0153	J	0.0107	0.0178	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8015M	6/6/2013	PH043	8.4		1	PHCC12C14	EFH (C12-C14)	5.5	U	2.2	5.5	mg/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8015M	6/6/2013	PH043	8.4		1	PHCC15C20	EFH (C15-C20)	5.5	U	2.2	5.5	mg/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8015M	6/6/2013	PH043	8.4		1	PHCC21C30	EFH (C21-C30)	3.7	J	2.2	5.5	mg/kg	J	J	Q, Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8015M	6/6/2013	PH043	8.4		1	PHCC30C40	EFH (C30-C40)	10	J	4.4	11	mg/kg	J	J	Q, Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8015M	6/6/2013	PH043	8.4		1	PHCC8C11	EFH (C8-C11)	5.5	U	2.2	5.5	mg/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8015M	6/5/2013	PH043	8.4	24.65	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786583	266975.6	-118.70698	
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	31	J	6.6	20	ug/kg		J	FD, Q	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	117-84-0	Di-n-octylphthalate	20	U	6.6	20	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	129-00-0	PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	192-97-2	Benzo(e)pyrene	19	U	3.6	19	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	218-01-9	Chrysene	1.8	UJ	0.36	1.8	ug/kg	U	UJ	FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	50-32-8	BENZO(A)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4															

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	6020A	6/17/2013	PH050	1.3		2 7440-24-6	STRONTIUM	19.7	J	0.0341	0.401	mg/kg		J	E, Q, A	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	6020A	6/17/2013	PH050	1.3		2 7440-28-0	THALLIUM	0.29	J	0.0301	0.201	mg/kg		J	Q	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	7471B	6/16/2013	PH050	1.3		1 7439-97-6	MERCURY	0.016	U	0.0096	0.0160	mg/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8015M	6/15/2013	PH050	1.3		1 PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8015M	6/15/2013	PH050	1.3		1 PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8015M	6/15/2013	PH050	1.3		1 PHCC21C30	EFH (C21-C30)	6.2		2.0	5.1	mg/kg				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8015M	6/15/2013	PH050	1.3		1 PHCC30C40	EFH (C30-C40)	15		4.1	10	mg/kg				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8015M	6/15/2013	PH050	1.3		1 PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.0	18	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 117-84-0	Di-n-octylphthalate	100	J	6.0	18	ug/kg		J	FD	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 129-00-0	PYRENE	1.7	U	0.67	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 205-99-2	BENZO(B)FLUORANTHENE	0.71	J	0.67	1.7	ug/kg	J	J	FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 206-44-0	FLUORANTHENE	0.81	J	0.67	1.7	ug/kg	J	J	FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 218-01-9	Chrysene	0.8	J	0.34	1.7	ug/kg	J	J	FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 50-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 83-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 84-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 84-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 85-01-8	PHENANTHRENE	1.7	U	0.67	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 86-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 91-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	9045M	6/7/2013	PH050	1.3		1 pH	PH	6.62		0.0100	0.0100	pH unit				1787118	267439.2	-118.70522
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088264	LL	160.3M	6/13/2013	PH053	5.7		1 MOIST	MOISTURE	5.7		0.10	0.10	%				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088264	LL	8015M	6/18/2013	PH053	5.7	23.15	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	UJ	0.2	1	mg/kg	U	UJ	FD	1786150	267130.4	-118.70841
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	160.3M	6/13/2013	PH053	2.8		1 MOIST	MOISTURE	2.8		0.10	0.10	%				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	1613B	6/21/2013	PH053	2.8		1 1746-01-6	2,3,7,8-TCDD	0.0432	J	0.0249	1.02	ng/kg	JQ	J	Z	1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	1613B	6/21/2013	PH053	2.8		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.8	J	0.0335	5.09	ng/kg	JB	J	Z	1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	1613B	6/21/2013	PH053	2.8		1 3268-87-9	OCDD	172		0.0373	10.2	ng/kg	B			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	1613B	6/21/2013	PH053	2.8		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	10.7		0.0459	5.09	ng/kg	B			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	1613B	6/21/2013	PH053	2.8		1 39001-02-0	OCDF	2.49	J	0.0265	10.2	ng/kg	JB	J	Z	17		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	6010C	6/18/2013	PH053	2.8		1 7723-14-0	PHOSPHORUS	320		0.514	10.1	mg/kg				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	6020A	6/19/2013	PH053	2.8		2 7782-49-2	SELENIUM	0.156	J	0.101	0.403	mg/kg	J	J	Z	1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	6020A	6/19/2013	PH053	2.8		2 7440-22-4	SILVER	0.0485	J	0.0202	0.202	mg/kg	J	J	Z	1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	6020A	6/19/2013	PH053	2.8		2 7440-24-6	STRONTIUM	20.5		0.0343	0.403	mg/kg				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	6020A	6/19/2013	PH053	2.8		2 7440-28-0	THALLIUM	0.265		0.0303	0.202	mg/kg				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	7471B	6/18/2013	PH053	2.8		1 7439-97-6	MERCURY	0.0167	U	0.0100	0.0167	mg/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8015M	6/18/2013	PH053	2.8		1 PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8015M	6/18/2013	PH053	2.8		1 PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8015M	6/18/2013	PH053	2.8		1 PHCC21C30	EFH (C21-C30)	7.3		2.0	5.1	mg/kg				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8015M	6/18/2013	PH053	2.8		1 PHCC30C40	EFH (C30-C40)	13		4.1	10	mg/kg				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8015M	6/18/2013	PH053	2.8		1 PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786252	267217.6	-118.70808
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	13	J	6.0	18	ug/kg	J	J	Z	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 117-84-0	Di-n-octylphthalate	80		6.0	18	ug/kg				1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 120-12-7	ANTHRACENE	1.7	U	0.33	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 129-00-0	PYRENE	2.2		0.66	1.7	ug/kg				1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 191-24-2	BENZO(G,H,I)PERYLENE	0.99	J	0.66	1.7	ug/kg	J	J	Z	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 192-97-2	Benzo(e)pyrene	17	U	3.3	17	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 193-39-5	INDENO(1,2,3-CD)PYRENE	0.89	J	0.66	1.7	ug/kg	J	J	Z	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 205-99-2	BENZO(B)FLUORANTHENE	3.1		0.66	1.7	ug/kg				1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 206-44-0	FLUORANTHENE	2.4		0.66	1.7	ug/kg				1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 207-08-9	BENZO(K)FLUORANTHENE	1.2	J	0.66	1.7	ug/kg	J	J	Z	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 208-96-8	ACENAPHTHYLENE	1.7	U	0.33	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1 218-01-9	Chrysene	0.76	J	0.34	1.7	ug/kg	J	J	Z	1785951	267730.2	-118.70909
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 50-32-8	BENZO(A)PYRENE	1.3	J	0.66	1.7	ug/kg	J	J	Z	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.66	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 56-55-3	BENZO(A)ANTHRACENE	0.91	J	0.66	1.7	ug/kg	J	J	Z	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.66	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 83-32-9	ACENAPHTHENE	1.7	U	0.66	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 84-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 84-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 85-01-8	PHENANTHRENE	1.3	J	0.66	1.7	ug/kg	J	J	Z	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 86-73-7	FLUORENE	1.7	U	0.66	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.66	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 91-20-3	NAPHTHALENE	1.7	U	0.66	1.7	ug/kg	J	U	F	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.66	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	9045M	6/14/2013	PH056	1		1 pH	PH	6.32		0.0100	0.0100	pH unit				1786075	266911.6	-118.70866
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	160.3M	6/18/2013	PH056	2.8		1 MOIST	MOISTURE	2.8		0.10	0.10	%				1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	1613B	6/24/2013	PH056	2.8		1 1746-01-6	2,3,7,8-TCDD	1.01	U	0.0269	1.01	ng/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	1613B	6/24/2013	PH056	2.8		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.05	U	0.0267	5.05	ng/kg	JBQ	U	B	1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	1613B	6/24/2013	PH056	2.8		1 3268-87-9	OCDD	33.2		0.0289	10.1	ng/kg	B			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	1613B	6/24/2013	PH056	2.8		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	2.22	J	0.0372	5.05	ng/kg	JB	J	Z	1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	1613B	6/24/2013	PH056	2.8		1 39001-02-0	OCDF	1.66	J	0.0264	10.1	ng/kg	JB	J	Z	1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	1613B	6/24/2013	PH056	2.8		1 39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.05	U	0.0256	5.05	ng/kg	JBQ	U	B	1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	1613B	6/24/2013	PH056	2.8		1 40321-76-4	1											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	6010C	6/18/2013	PH056	2.8		1 7440-70-2	CALCIUM METAL	2280	J	4.02	20.0	mg/kg		J	Q	1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	6010C	6/18/2013	PH056	2.8		1 7723-14-0	PHOSPHORUS	246		0.509	9.99	mg/kg				1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	6020A	6/19/2013	PH056	2.8		2 7782-49-2	SELENIUM	0.4	U	0.0999	0.400	mg/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	6020A	6/19/2013	PH056	2.8		2 7440-22-4	SILVER	0.2	U	0.0200	0.200	mg/kg	U			1786098	266842.5	-118.70858
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8081B	6/19/2013	PH053	2.8		1 72-43-5	Methoxychlor	6.9	U	1.7	6.9	ug/kg	U			1786252	267217.6	-118.70808
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	6020A	6/19/2013	PH056	2.8		2 7440-24-6	STRONTIUM	17.8		0.0340	0.400	mg/kg				1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	6020A	6/19/2013	PH056	2.8		2 7440-28-0	THALLIUM	0.276		0.0300	0.200	mg/kg				1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	7471B	6/18/2013	PH056	2.8		1 7439-97-6	MERCURY	0.0167	U	0.0100	0.0167	mg/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8015M	6/20/2013	PH056	2.8		1 PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8015M	6/20/2013	PH056	2.8		1 PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8015M	6/20/2013	PH056	2.8		1 PHCC21C30	EFH (C21-C30)	2.4	J	2.1	5.1	mg/kg	J	J	Z	1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8015M	6/20/2013	PH056	2.8		1 PHCC30C40	EFH (C30-C40)	6.1	J	4.1	10	mg/kg	J	J	Z	1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8015M	6/20/2013	PH056	2.8		1 PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1 11096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1 11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1 11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1 11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1 11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1 11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1 12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1 12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1 12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1 37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1 53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1 63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	27		6.1	18	ug/kg				1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 117-84-0	Di-n-octylphtthalate	100		6.1	18	ug/kg				1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 129-00-0	PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 206-44-0	FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		1 218-01-9	Chrysene	1.7	UJ	0.34	1.7	ug/kg	U	UJ	FD	1786122	267614.4	-118.70852
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 150-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 83-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 84-74-2	Di-n-butylphtthalate	18	U	6.1	18	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1 85-01-8	PHENANTHRENE											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	160.3M	6/13/2013	PH052	7.5		1	MOIST	MOISTURE	7.5		0.10	0.10	%				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	1746-01-6	2,3,7,8-TCDD	1.07	U	0.0276	1.07	ng/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.35	U	0.0210	5.35	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	3268-87-9	OCDD	10.7	U	0.0356	10.7	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.35	U	0.0294	5.35	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	39001-02-0	OCDF	10.7	U	0.0325	10.7	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0598	J	0.0199	5.35	ng/kg	J	J	FD, Z	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.35	U	0.0309	5.35	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0313	J	0.0192	1.07	ng/kg	JQ	J	FD, Z	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.35	UJ	0.0144	5.35	ng/kg	JBQ	UJ	B, FD	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	57117-31-4	2,3,4,7,8-PECDF	5.35	UJ	0.0164	5.35	ng/kg	JB	UJ	B, FD	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.35	UJ	0.0178	5.35	ng/kg	JBQ	UJ	B, FD	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	57117-44-9	1,2,3,6,7,8-HXCDF	5.35	U	0.00995	5.35	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.35	U	0.0211	5.35	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.35	U	0.00984	5.35	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.35	U	0.0107	5.35	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.35	U	0.0108	5.35	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	72918-21-9	1,2,3,7,8,9-HXCDF	5.35	U	0.0117	5.35	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	TCDD TEQ	TCDD TEQ	0.0346		0	0	ng/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7429-90-5	ALUMINUM (FUME OR DUST)	18600		8.09	42.0	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7439-89-6	IRON	24000		3.99	42.0	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7439-92-1	LEAD	7.02		0.493	3.15	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7439-93-2	LITHIUM	23.5		0.58	4.2	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7439-95-4	MAGNESIUM	4690		1.82	10.5	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7439-96-5	MANGANESE	171		0.0871	1.05	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7439-98-7	MOLYBDENUM	2.1	U	0.178	2.10	mg/kg	J	U	F	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-02-0	NICKEL	9.26		0.115	2.10	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-09-7	POTASSIUM	1830	J	14.2	105	mg/kg		J	Q	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-23-5	SODIUM	854		17.5	105	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-31-5	TIN	10.5	U	0.231	10.5	mg/kg	J	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-32-6	TITANIUM METAL POWDER	1150		0.178	1.05	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-36-0	ANTIMONY	0.846	J	0.525	4.20	mg/kg	J	J	Q, Z	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-38-2	ARSENIC	6.23		0.346	4.20	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-39-3	BARIUM	53.1		0.0346	1.05	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-41-7	BERYLLIUM	0.671	J	0.0703	1.05	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-42-8	BORON	2.23	J	0.871	10.5	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-43-9	CADMIUM	1.05	U	0.0346	1.05	mg/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-47-3	CHROMIUM	21.2		0.0924	3.15	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-48-4	COBALT	5.01		0.0945	1.05	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-50-8	COPPER	9.37		0.189	2.10	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-62-2	VANADIUM (FUME OR DUST)	37.4		0.115	1.05	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0																													

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.72	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1192-97-2	Benzo(e)pyrene	18	U	3.6	18	ug/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1206-44-0	FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1218-01-9	Chrysene	0.5	J	0.36	1.8	ug/kg	J	J	Z	1786150	267130.4	-118.70841
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		11746-01-6	2,3,7,8-TCDD	0.99	U	0.0343	0.990	ng/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.12	J	0.0503	4.95	ng/kg	JB	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		13268-87-9	OCDD	527		0.0374	9.90	ng/kg	B			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	21.9		0.0628	4.95	ng/kg	B			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		139001-02-0	OCDF	6.51	J	0.0297	9.90	ng/kg	JB	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.95	U	0.0498	4.95	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.95	U	0.0483	4.95	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.99	U	0.0444	0.990	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.95	U	0.0265	4.95	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		157117-31-4	2,3,4,7,8-PECDF	4.95	U	0.0274	4.95	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.95	U	0.0267	4.95	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		157117-44-9	1,2,3,6,7,8-HXCDF	4.95	U	0.0248	4.95	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.02	J	0.0531	4.95	ng/kg	JB	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		160851-34-5	2,3,4,6,7,8-HXCDF	4.95	U	0.0227	4.95	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	2.15	J	0.0164	4.95	ng/kg	JB	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		170648-26-9	1,2,3,4,7,8-HXCDF	4.95	U	0.0260	4.95	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		172918-21-9	1,2,3,7,8,9-HXCDF	4.95	U	0.0259	4.95	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		1TCDD TEQ	TCDD TEQ	0.648		0	0	ng/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	160.3M	6/18/2013	PH055	2.4		1MOIST	MOISTURE	2.4		0.10	0.10	%				1786530	267095.7	-118.70716
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	9045M	6/13/2013	PH055	4		1pH	PH	7.15		0.0100	0.0100	pH unit				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10	J	6.2	19	ug/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1205-99-2	BENZO(B)FLUORANTHENE	0.91	J	0.69	1.7	ug/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-42-8	BORON	2.86	J	0.839	10.1	mg/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-43-9	CADMIUM	1.01	U	0.0334	1.01	mg/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-47-3	CHROMIUM	16		0.0890	3.03	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-48-4	COBALT	3.57		0.0910	1.01	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-50-8	COPPER	5.8	J	0.182	2.02	mg/kg	J	A		1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-62-2	VANADIUM (FUME OR DUST)	32.4		0.111	1.01	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-66-6	ZINC	35.4		0.202	4.05	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-67-7	ZIRCONIUM	3.42	J	0.839	5.06	mg/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-70-2	CALCIUM METAL	1900		4.07	20.2	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17723-14-0	PHOSPHORUS	146		0.516	10.1	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		1746-01-6	2,3,7,8-TCDD	1.03	U	0.0369	1.03	ng/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.15	U	0.0349	5.15	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		13268-87-9	OCDD	66.9		0.0364	10.3	ng/kg	B			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.43	J	0.0544	5.15	ng/kg	JB	J	Z	1786410	267030.7	-118.70755
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	1613B	6/29/2013	PH058	2.3		1746-01-6	2,3,7,8-TCDD	1.02	U	0.0290	1.02	ng/kg	JB	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	1613B	6/29/2013	PH058	2.3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	3.31	J	0.0540	5.11	ng/kg	JB	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	1613B	6/29/2013	PH058	2.3		13268-87-9	OCDD	1520		0.0905	10.2	ng/kg	B			1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	1613B	6/29/2013	PH058	2.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	72.9		0.0899	5.11	ng/kg	B			1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	1613B	6/29/2013	PH058	2.3		139001-02-0	OCDF	13.7		0.0708	10.2	ng/kg	B			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		1218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	9045M	6/18/2013	PH058	4.6		pH	PH	6.93		0.0100	0.0100	pH unit				1786397	267222.9	-118.7076
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	160.3M	6/25/2013	PH058	1.8		1MOIST	MOISTURE	1.8		0.10	0.10	%				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	1613B	6/29/2013	PH058	1.8		11746-01-6	2,3,7,8-TCDD	1	U	0.0265	1.00	ng/kg	JBQ	U	B	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	1613B	6/29/2013	PH058	1.8		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.76	J	0.0443	5.02	ng/kg	JB	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	1613B	6/29/2013	PH058	1.8		13268-87-9	OCDD	855		0.0466	10.0	ng/kg	B			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	1613B	6/29/2013	PH058	1.8		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	38.1		0.0685	5.02	ng/kg	B			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	1613B	6/29/2013	PH058	1.8		139001-02-0	OCDF	13.7		0.0308	10.0	ng/kg	B			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	1613B	6/29/2013	PH058	1.8		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.62	J	0.0420	5.02	ng/kg	JQ	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	1613B	6/29/2013	PH058	1.8		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.472	J	0.0362	5.02	ng/kg	JB	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL																		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	6010C	6/27/2013	PH058	1.8		17723-14-0	PHOSPHORUS	455		2.89	9.98	mg/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	6020A	6/27/2013	PH058	1.8		27782-49-2	SELENIUM	0.201	J	0.0998	0.399	mg/kg	J	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	6020A	6/27/2013	PH058	1.8		27440-22-4	SILVER	0.0707	J	0.0260	0.200	mg/kg	J	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	6020A	6/27/2013	PH058	1.8		27440-24-6	STRONTIUM	41.4	J	0.0519	0.399	mg/kg		J	Q	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	6020A	6/27/2013	PH058	1.8		27440-28-0	THALLIUM	0.453		0.0300	0.200	mg/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	7471B	6/28/2013	PH058	1.8		17439-97-6	MERCURY	0.0163	U	0.0098	0.0163	mg/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8015M	6/25/2013	PH058	1.8		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8015M	6/25/2013	PH058	1.8		1PHCC15C20	EFH (C15-C20)	2	J	2.0	5.1	mg/kg	J	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8015M	6/25/2013	PH058	1.8		1PHCC21C30	EFH (C21-C30)	19		2.0	5.1	mg/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8015M	6/25/2013	PH058	1.8		1PHCC30C40	EFH (C30-C40)	47		4.1	10	mg/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8015M	6/25/2013	PH058	1.8		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1117-84-0	Di-n-octylphthalate	170		6.1	18	ug/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1129-00-0	PYRENE	1.9		0.68	1.7	ug/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1191-24-2	BENZO(G,H,I)PERYLENE	0.71	J	0.68	1.7	ug/kg	J	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1205-99-2	BENZO(B)FLUORANTHENE	7.6		0.68	1.7	ug/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1206-44-0	FLUORANTHENE	2		0.68	1.7	ug/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		150-32-8	BENZO(A)PYRENE	0.95	J	0.68	1.7	ug/kg	J	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		185-01-8	PHENANTHRENE	1.1	J	0.68	1.7	ug/kg	J	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	J	U	F	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	9045M	6/18/2013	PH058	1.8		1pH	PH	7.08		0.0100	0.0100	pH unit				1786508	267378.7	-118.70723
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	160.3M	6/25/2013	PH058	2.1		1MOIST	MOISTURE	2.1		0.10	0.10	%				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	1613B	6/29/2013	PH058	2.1		11746-01-6	2,3,7,8-TCDD	1.02	U	0.0243	1.02	ng/kg	JBQ	U	B	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	1613B	6/29/2013	PH058	2.1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.58	J	0.0423	5.10	ng/kg	JB	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	1613B	6/29/2013	PH058	2.1		13268-87-9	OCDD	463		0.0417	10.2	ng/kg	B			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	1613B	6/29/2013	PH058	2.1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	24.3		0.0507	5.10	ng/kg	B			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	1613B	6/29/2013	PH058	2.1		139001-02-0	OCDF	4.55	J	0.0270	10.2	ng/kg	JB	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	1613B	6/29/2013	PH058	2.1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.489	J	0.0417	5.10	ng/kg	JQ	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	1613B	6/29/2013	PH058	2.1		140321-76-4	1,											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1191-24-2	BENZO(G,H,I)PERYLENE	17	U	0.67	17	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1205-99-2	BENZO(B)FLUORANTHENE	1.5	J	0.67	1.7	ug/kg	J	J	Z	1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1206-44-0	FLUORANTHENE	2.5		0.67	1.7	ug/kg				1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		150-32-8	BENZO(A)PYRENE	0.69	J	0.67	1.7	ug/kg	J	J	Z	1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		185-01-8	PHENANTHRENE	3.6		0.67	1.7	ug/kg				1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		191-20-3	NAPHTHALENE	1.4	J	0.67	1.7	ug/kg	J	J	Z	1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		191-57-6	2-METHYLNAPHTHALENE	0.8	J	0.67	1.7	ug/kg	J	J	Z	1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	9045M	5/29/2013	PH041	1.7		1pH	PH	6.32		0.0100	0.0100	pH unit				1786769	267128.8	-118.70636
SL-830-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073186	LL	160.3M	6/4/2013	PH041	2.3		1MOIST	MOISTURE	2.3		0.10	0.10	%				1786772	267124	-118.70635
SL-830-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073186	LL	8015M	6/4/2013	PH041	2.3		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073186	LL	8015M	6/4/2013	PH041	2.3		1PHCC15C20	EFH (C15-C20)	2.9	J	2.0	5.1	mg/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073186	LL	8015M	6/4/2013	PH041	2.3		1PHCC21C30	EFH (C21-C30)	21		2.0	5.1	mg/kg				1786772	267124	-118.70635
SL-830-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073186	LL	8015M	6/4/2013	PH041	2.3		1PHCC30C40	EFH (C30-C40)	37		4.1	10	mg/kg				1786772	267124	-118.70635
SL-830-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073186	LL	8015M	6/4/2013	PH041	2.3		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	160.3M	6/4/2013	PH041	3.7		1MOIST	MOISTURE	3.7		0.10	0.10	%				1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		11746-01-6	2,3,7,8-TCDD	0.0831	J	0.0316	1.02	ng/kg	JQ	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.99	J	0.0653	5.12	ng/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		13268-87-9	OCDD	828		0.0742	10.2	ng/kg	B			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	100		0.0975	5.12	ng/kg	B			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		139001-02-0	OCDF	36.1		0.0515	10.2	ng/kg	B			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.09	J	0.0630	5.12	ng/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.642	J	0.0552	5.12	ng/kg	JB	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.259	J	0.0657	1.02	ng/kg	JBQ	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	1.13	J	0.0468	5.12	ng/kg	JB	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		157117-31-4	2,3,4,7,8-PECDF	0.815	J	0.0335	5.12	ng/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.718	J	0.0348	5.12	ng/kg	JB	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		157117-44-9	1,2,3,6,7,8-HXCDF	0.797	J	0.0443	5.12	ng/kg	JB	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.21	J	0.0685	5.12	ng/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		160851-34-5	2,3,4,6,7,8-HXCDF	1.05	J	0.0474	5.12	ng/kg	JB	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	13.5		0.0286	5.12	ng/kg	B			1786772	267124	-118.70635

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8015M	6/4/2013	PH041	3.7		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8015M	6/4/2013	PH041	3.7		1	PHCC21C30	EFH (C21-C30)	4.3	J	2.1	5.2	mg/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8015M	6/4/2013	PH041	3.7		1	PHCC30C40	EFH (C30-C40)	14	J	4.2	10	mg/kg	J	J	Q	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8015M	6/4/2013	PH041	3.7		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	9.2	J	6.2	19	ug/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1	117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1	120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1	129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		1	1723-14-0	PHOSPHORUS	222	J	0.501	9.83	mg/kg		J	Q	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6020A	6/9/2013	PH042	2.2		2	7440-24-6	STRONTIUM	16.1	J	0.0334	0.393	mg/kg		J	Q	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6020A	6/4/2013	PH042	2.2		2	7782-49-2	SELENIUM	0.393	U	0.0983	0.393	mg/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6020A	6/4/2013	PH042	2.2		2	7440-22-4	SILVER	0.0479	J	0.0197	0.197	mg/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6020A	6/4/2013	PH042	2.2		2	7440-28-0	THALLIUM	0.203		0.0295	0.197	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	7471B	6/4/2013	PH042	2.2		1	7439-97-6	MERCURY	0.0168	U	0.0101	0.0168	mg/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8015M	6/4/2013	PH042	2.2		1	PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8015M	6/4/2013	PH042	2.2		1	PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8015M	6/4/2013	PH042	2.2		1	PHCC21C30	EFH (C21-C30)	4.6	J	2.0	5.1	mg/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8015M	6/4/2013	PH042	2.2		1	PHCC30C40	EFH (C30-C40)	12		4.1	10	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8015M	6/4/2013	PH042	2.2		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	129-00-0	PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1	218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	83-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	84-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	85-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	86-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	91-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-42-8	BORON	1.63	J	0.851	10.3	mg/kg	J	J	FD, Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-43-9	CADMIUM	0.187	J	0.0338	1.03	mg/kg	J	J	FD, Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-47-3	CHROMIUM	23.5	J	0.0902	3.08	mg/kg	J	J	FD	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-48-4	COBALT	6.77	J	0.0923	1.03	mg/kg	J	J	FD, E	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-50-8	COPPER	10.6	J	0.185	2.05	mg/kg	J	J	FD	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-62-2	VANADIUM (FUME OR DUST)	47.2	J	0.113	1.03	mg/kg	J	J	FD	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-66-6	ZINC	52.7	J	0.205	4.10	mg/kg	J	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-67-7	ZIRCONIUM	5.05	J	0.851	5.13	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-70-2	CALCIUM METAL	2710	J	4.12	20.5	mg/kg	J	J	FD	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7723-14-0	PHOSPHORUS	323	J	0.523	10.3	mg/kg	J	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6020A	6/11/2013	PH043	5.3		2	7782-49-2	SELENIUM	0.126	J	0.103	0.410	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6020A	6/11/2013	PH043	5.3		2	7440-22-4	SILVER	0.0464	J	0.0205	0.205	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6020A	6/11/2013	PH043	5.3		2	7440-24-6	STRONTIUM	23.4	J	0.0349	0.410	mg/kg	J	J	FD	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6020A	6/11/2013	PH043	5.3		2	7440-28-0	THALLIUM	0.274	J	0.0308	0.205	mg/kg	J	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	7471B	6/7/2013	PH043	5.3		1	7439-97-6	MERCURY	0.0112	J	0.0104	0.0173	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8015M	6/6/2013	PH043	5.3		1	PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8015M	6/6/2013	PH043	5.3		1	PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8015M	6/6/2013	PH043	5.3		1	PHCC21C30	EFH (C21-C30)	3	J	2.1	5.3	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8015M	6/6/2013	PH043	5.3		1	PHCC30C40	EFH (C30-C40)	7.9	J	4.2	11	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8015M	6/6/2013	PH043	5.3		1	PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8015M	6/5/2013	PH043	5.3	25.35	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U	J		1786583	266975.6	-118.70698	
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	UJ	6.3	19	ug/kg	U	UJ	FD	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	117-84-0	Di-n-octylphtalate	19	U	6.3	19	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	218-01-9	Chrysene	0.58	J	0.35	1.8	ug/kg	J	J	FD, Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	50-32-8	BENZO(A)PYRENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	83-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	84-74-2	Di-n-butylphtalate	19	U	6.3	19	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5																									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6010C	6/6/2013	PH043	3.9		17440-48-4	COBALT	6.29	J	0.0927	1.03	mg/kg		J	E	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6010C	6/6/2013	PH043	3.9		17440-50-8	COPPER	12		0.185	2.06	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6010C	6/6/2013	PH043	3.9		17440-62-2	VANADIUM (FUME OR DUST)	42.6		0.113	1.03	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6010C	6/6/2013	PH043	3.9		17440-66-6	ZINC	53.8		0.206	4.12	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6010C	6/6/2013	PH043	3.9		17440-67-7	ZIRCONIUM	4.6	J	0.855	5.15	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6010C	6/6/2013	PH043	3.9		17440-70-2	CALCIUM METAL	2300		4.14	20.6	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6010C	6/6/2013	PH043	3.9		17723-14-0	PHOSPHORUS	434		0.525	10.3	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6020A	6/11/2013	PH043	3.9		27782-49-2	SELENIUM	0.151	J	0.103	0.412	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6020A	6/11/2013	PH043	3.9		27440-22-4	SILVER	0.0475	J	0.0206	0.206	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6020A	6/11/2013	PH043	3.9		27440-24-6	STRONTIUM	24.8		0.0350	0.412	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6020A	6/11/2013	PH043	3.9		27440-28-0	THALLIUM	0.291		0.0309	0.206	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	7471B	6/7/2013	PH043	3.9		17439-97-6	MERCURY	0.0171	U	0.0103	0.0171	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8015M	6/6/2013	PH043	3.9		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8015M	6/6/2013	PH043	3.9		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8015M	6/6/2013	PH043	3.9		1PHCC21C30	EFH (C21-C30)	3.1	J	2.1	5.2	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8015M	6/6/2013	PH043	3.9		1PHCC30C40	EFH (C30-C40)	8.7	J	4.2	10	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8015M	6/6/2013	PH043	3.9		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8015M	6/4/2013	PH043	3.9	26.1	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1117-84-0	Di-n-octylphtthalate	19	U	6.2	19	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1129-00-0	PYRENE	2.7		0.69	1.7	ug/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1191-24-2	BENZO(G,H,I)PERYLENE	1.3	J	0.69	1.7	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1193-39-5	INDENO(1,2,3-CD)PYRENE	0.92	J	0.69	1.7	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1205-99-2	BENZO(B)FLUORANTHENE	3		0.69	1.7	ug/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1206-44-0	FLUORANTHENE	2.8		0.69	1.7	ug/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1207-08-9	BENZO(K)FLUORANTHENE	0.73	J	0.69	1.7	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1218-01-9	Chrysene	3.2		0.35	1.7	ug/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		150-32-8	BENZO(A)PYRENE	1.2	J	0.69	1.7	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		156-55-3	BENZO(A)ANTHRACENE	1.4	J	0.69	1.7	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		184-74-2	Di-n-butylphtthalate	19	U	6.2	19	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		185-01-8	PHENANTHRENE	1.7		0.69	1.7	ug/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		191-20-3	NAPHTHALENE	0.88	J	0.69	1.7	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	9045M	5/31/2013	PH043	3.9		1pH	PH	6.66		0.0100	0.0100	pH unit				1786586	266980.2	-118.70697
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	160.3M	6/4/2013	PH043	4.6		1MOIST	MOISTURE											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-38-2	ARSENIC	5.82		0.345	4.19	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-39-3	BARIUM	94.4		0.0345	1.05	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-41-7	BERYLLIUM	0.758	J	0.0701	1.05	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-42-8	BORON	2.41	J	0.869	10.5	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-43-9	CADMIUM	0.334	J	0.0345	1.05	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-47-3	CHROMIUM	22.5		0.0921	3.14	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-48-4	COBALT	7.79		0.0942	1.05	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-62-2	VANADIUM (FUME OR DUST)	44		0.115	1.05	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-66-6	ZINC	47.7		0.209	4.19	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-67-7	ZIRCONIUM	1.36	J	0.869	5.23	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-70-2	CALCIUM METAL	2760		4.21	20.9	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7723-14-0	PHOSPHORUS	184		0.534	10.5	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6020A	6/11/2013	PH047	5.4		2	7782-49-2	SELENIUM	0.419	U	0.105	0.419	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6020A	6/11/2013	PH047	5.4		2	7440-22-4	SILVER	0.053	J	0.0209	0.209	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6020A	6/11/2013	PH047	5.4		2	7440-24-6	STRONTIUM	22		0.0356	0.419	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6020A	6/11/2013	PH047	5.4		2	7440-28-0	THALLIUM	0.211		0.0314	0.209	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	7471B	6/11/2013	PH047	5.4		1	7439-97-6	MERCURY	0.0105	J	0.0104	0.0173	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8015M	6/13/2013	PH047	5.4		1	PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8015M	6/13/2013	PH047	5.4		1	PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8015M	6/13/2013	PH047	5.4		1	PHCC21C30	EFH (C21-C30)	5.3	U	2.1	5.3	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8015M	6/13/2013	PH047	5.4		1	PHCC30C40	EFH (C30-C40)	11	U	4.2	11	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8015M	6/13/2013	PH047	5.4		1	PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8015M	6/9/2013	PH047	5.4	24.61	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786441	266923.3	-118.70745	
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	191-24-2	BENZO(C,H,I)PERYLENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	218-01-9	Chrysene	1.8	U	0.35	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	50-32-8	BENZO(A)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	83-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	85-01-8	PHENANTHRENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8	1	7440-32-6	TITANIUM METAL POWDER	1210		0.175	1.03	mg/kg				1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8	1	7440-36-0	ANTIMONY	4.12	U	0.515	4.12	mg/kg	U			1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8	1	7440-38-2	ARSENIC	4	J	0.340	4.12	mg/kg	J	J	Z	1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8	1	7440-39-3	BARIUM	103		0.0340	1.03	mg/kg				1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8	1	7440-41-7	BERYLLIUM	0.567	J	0.0690	1.03	mg/kg	J	J	Z	1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8	1	7440-42-8	BORON	2.88	J	0.855	10.3	mg/kg	J	J	Z	1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8	1	7440-43-9	CADMIUM	0.694	J	0.0340	1.03	mg/kg	J	J	Z	1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8	1	7440-47-3	CHROMIUM	25.1		0.0906	3.09	mg/kg				1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8	1	7440-48-4	COBALT	7.71		0.0927	1.03	mg/kg				1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8	1	7440-62-2	VANADIUM (FUME OR DUST)	42.4		0.113	1.03	mg/kg				1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8	1	7440-66-6	ZINC	190		0.206	4.12	mg/kg				1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8	1	7440-67-7	ZIRCONIUM	0.902	J	0.855	5.15	mg/kg	J	J	Z	1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8	1	7440-70-2	CALCIUM METAL	3370		4.14	20.6	mg/kg				1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8	1	7723-14-0	PHOSPHORUS	528		0.525	10.3	mg/kg				1786627	267523.3	-118.70685
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	160.3M	6/11/2013	PH050	1.3	1	MOIST	MOISTURE	1.3		0.10	0.10	%				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3	1	1746-01-6	2,3,7,8-TCDD	1	U	0.0257	1.00	ng/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3	1	19408-74-3	1,2,3,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.523	J	0.0332	5.00	ng/kg	JB	J	FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3	1	3268-87-9	OCDD	109	J	0.0282	10.0	ng/kg	B	J	FD	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	7.78	J	0.0345	5.00	ng/kg	B	J	FD	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3	1	39001-02-0	OCDF	7.71	J	0.0298	10.0	ng/kg	JB	J	FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.15	J	0.0329	5.00	ng/kg	JQ	J	FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5	U	0.0385	5.00	ng/kg	JBQ	U	B	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0807	J	0.0299	1.00	ng/kg	J	J	FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3	1	55673-89-7	1,2,3,4,7,8-HPCDF	5	UJ	0.0276	5.00	ng/kg	JB	UJ	B, FD	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3	1	57117-31-4	2,3,4,7,8-PECDF	5	UJ	0.0195	5.00	ng/kg	JB	UJ	B, FD	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5	U	0.0217	5.00	ng/kg	JB	U	B	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.241	J	0.0221	5.00	ng/kg	JB	J	FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.42	J	0.0353	5.00	ng/kg	JB	J	Z	1787118	267439.2	-118.70522
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.27	J	0.0343	5.04	ng/kg	J	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.258	J	0.0178	5.04	ng/kg	JB	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	4.49	J	0.0147	5.04	ng/kg	JB	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.248	J	0.0177	5.04	ng/kg	JB	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.04	U	0.0215	5.04	ng/kg	JBQ	U	B	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2	1	TCDD TEQ	TCDD TEQ	1.38		0	0	ng/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2	1	7429-90-5	ALUMINUM (FUME OR DUST)	16000		7.81	40.5	mg/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2	1	7439-89-6	IRON	19600		3.85	40.5	mg/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2	1	7439-92-1	LEAD	8.09		0.476	3.04	mg/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2	1	7439-93-2	LITHIUM	20.5		0.56	4.0	mg/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2	1	7439-95-4	MAGNESIUM	3750		1.75	10.1	mg/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2	1	7439-96-5	MANGANESE	313		0.0840	1.01	mg/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2	1	7439-98-7	MOLYBDENUM	2.02	U	0.172	2.02	mg/kg	J	U	F	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2	1	7440-02-0	NICKEL	11		0.111	2.02	mg/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2	1	7440-09-7	POTASSIUM	3070	J	13.7	101	mg/kg		J	Q	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2	1	7440-23-5	SODIUM	84.2	J	1								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D SIM	12/14/2013	PH134	2		1218-01-9	Chrysene	2.2	J	0.34	1.7	ug/kg		J	FD, Q	1786218	267870	-118.7082	
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		150-32-8	BENZO(A)PYRENE	0.67	J	0.67	1.7	ug/kg	J	J	Z	1786148	266908.5	-118.70841	
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		184-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		184-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		185-01-8	PHENANTHRENE	0.93	J	0.67	1.7	ug/kg	J	J	Z	1786148	266908.5	-118.70841	
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	9045M	6/14/2013	PH056	2.2		pH	PH	6.25		0.0100	0.0100	pH unit					1786148	266908.5	-118.70841
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	160.3M	6/18/2013	PH056	1		1MOIST	MOISTURE	1		0.10	0.10	%					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		11746-01-6	2,3,7,8-TCDD	0.0445	J	0.0244	0.984	ng/kg	JQ	J	Z	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.56	J	0.0405	4.92	ng/kg	JB	J	Z	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		13268-87-9	OCDD	892		0.0488	9.84	ng/kg	B				1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	40.1		0.0672	4.92	ng/kg	B				1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		139001-02-0	OCDF	12.7		0.0258	9.84	ng/kg	B				1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.584	J	0.0434	4.92	ng/kg	JB	J	Z	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.374	J	0.0331	4.92	ng/kg	JBQ	J	Z	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.146	J	0.0315	0.984	ng/kg	J	J	Z	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.269	J	0.0236	4.92	ng/kg	JB	J	Z	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		157117-31-4	2,3,4,7,8-PECDF	0.25	J	0.0206	4.92	ng/kg	JBQ	J	Z	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.92	U	0.0214	4.92	ng/kg	JB	U	B	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		157117-44-9	1,2,3,6,7,8-HXCDF	0.186	J	0.0206	4.92	ng/kg	JB	J	Z	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.74	J	0.0446	4.92	ng/kg	J	J	Z	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		160851-34-5	2,3,4,6,7,8-HXCDF	0.214	J	0.0210	4.92	ng/kg	JB	J	Z	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		167562-39-4	1,2,3,4,6,7,8-HPCDF	3.79	J	0.0179	4.92	ng/kg	JB	J	Z	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		170648-26-9	1,2,3,4,7,8-HXCDF	0.275	J	0.0210	4.92	ng/kg	JB	J	Z	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		172918-21-9	1,2,3,7,8,9-HXCDF	4.92	U	0.0226	4.92	ng/kg	JB	U	B	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		1TCDD TEQ	TCDD TEQ	1.22		0	0	ng/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17429-90-5	ALUMINUM (FUME OR DUST)	15300		7.56	39.2	mg/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17439-89-6	IRON	19700		3.73	39.2	mg/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17439-92-1	LEAD	9.25		0.461	2.94	mg/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17439-93-2	LITHIUM	19.2		0.54	3.9	mg/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17439-95-4	MAGNESIUM	3620		1.70	9.81	mg/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17439-96-5	MANGANESE	318		0.0814	0.981	mg/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17439-98-7	MOLYBDENUM	1.96	U	0.167	1.96	mg/kg	J	U	F	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17440-02-0	NICKEL	11.3		0.108	1.96	mg/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17440-09-7	POTASSIUM	3350	J	13.2	98.1	mg/kg		J	Q	1786075	266911.6	-118.70866	
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17440-23-5	SODIUM	78.3	J	16.4	98.1	mg/kg	J	J	Z				

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	6010C	6/17/2013	PH055	6		1 7440-67-7	ZIRCONIUM	3	J	0.857	5.16	mg/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	6010C	6/17/2013	PH055	6		1 7440-70-2	CALCIUM METAL	2140		4.15	20.7	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	6010C	6/17/2013	PH055	6		1 7723-14-0	PHOSPHORUS	225		0.527	10.3	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	6020A	6/17/2013	PH055	6		2 7782-49-2	SELENIUM	0.413	U	0.103	0.413	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	6020A	6/17/2013	PH055	6		2 7440-22-4	SILVER	0.0341	J	0.0207	0.207	mg/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	6020A	6/17/2013	PH055	6		2 7440-24-6	STRONTIUM	20.4	J	0.0351	0.413	mg/kg		J	E, Q, A	1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	6020A	6/17/2013	PH055	6		2 7440-28-0	THALLIUM	0.268	J	0.0310	0.207	mg/kg		J	Q	1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	7471B	6/16/2013	PH055	6		1 7439-97-6	MERCURY	0.0169	U	0.0101	0.0169	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8015M	6/19/2013	PH055	6	24.61	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8015M	6/18/2013	PH055	6		1 PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8015M	6/18/2013	PH055	6		1 PHCC15C20	EFH (C15-C20)	2.3	J	2.1	5.3	mg/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8015M	6/18/2013	PH055	6		1 PHCC21C30	EFH (C21-C30)	9.1		2.1	5.3	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8015M	6/18/2013	PH055	6		1 PHCC30C40	EFH (C30-C40)	13		4.3	11	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8015M	6/18/2013	PH055	6		1 PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10	J	6.3	19	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 205-99-2	BENZO(B)FLUORANTHENE	2.3		0.70	1.8	ug/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 218-01-9	Chrysene	0.63	J	0.35	1.8	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 50-32-8	BENZO(A)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 83-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 85-01-8	PHENANTHRENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 86-73-7	FLUORENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 91-20-3	NAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	9045M	6/13/2013	PH055	6		1 pH	PH	7.21		0.0100	0.0100	pH unit				1786530	267095.7	-118.70716
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	160.3M	6/18/2013	PH055	4.1	1	MOIST	MOISTURE	4.1		0.10	0.10	%				1786410	267030.7	-118.70755
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	9045M	6/13/2013	PH055	5.8	1	pH	PH	6.63		0.0100	0.0100	pH unit				1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8270D SIM	6/22/2013	PH055	5.8		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	12	J	6.3	19	ug/kg	J	J	Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8270D SIM	6/22/2013	PH055	5.8		1 117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8270D SIM	6/22/2013	PH055	5.8		1 120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-7																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-36-0	ANTIMONY	4.11	UJ	0.513	4.11	mg/kg	U	UJ	Q	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-38-2	ARSENIC	3.81	J	0.339	4.11	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-39-3	BARIUM	105		0.0339	1.03	mg/kg				1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-41-7	BERYLLIUM	0.641	J	0.0688	1.03	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-42-8	BORON	4.55	J	0.852	10.3	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-43-9	CADMIUM	0.561	J	0.0339	1.03	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-47-3	CHROMIUM	19.6		0.0903	3.08	mg/kg				1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-48-4	COBALT	6.18		0.0924	1.03	mg/kg				1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-62-2	VANADIUM (FUME OR DUST)	36.4		0.113	1.03	mg/kg				1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-66-6	ZINC	45.4		0.205	4.11	mg/kg				1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-67-7	ZIRCONIUM	1.28	J	0.852	5.13	mg/kg	J	J	FD, Z	1786117	267076.6	-118.70852
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8081B	6/20/2013	PH052	1.7		1	2385-85-5	MIREX	1.7	U	0.36	1.7	ug/kg	U			1786077	267113.1	-118.70865
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-70-2	CALCIUM METAL	1710		4.13	20.5	mg/kg				1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7723-14-0	PHOSPHORUS	259		0.524	10.3	mg/kg				1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6020A	6/19/2013	PH052	4.5		2	7782-49-2	SELENIUM	0.197	J	0.103	0.411	mg/kg	J	J	Q, E, Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6020A	6/19/2013	PH052	4.5		2	7440-22-4	SILVER	0.0459	J	0.0205	0.205	mg/kg	J	J	Q, E, Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6020A	6/19/2013	PH052	4.5		2	7440-24-6	STRONTIUM	24.3	J	0.0349	0.411	mg/kg		J	Q, E	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6020A	6/19/2013	PH052	4.5		2	7440-28-0	THALLIUM	0.277	J	0.0308	0.205	mg/kg	J	J	Q, E	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	7471B	6/17/2013	PH052	4.5		1	7439-97-6	MERCURY	0.0114	J	0.0103	0.0172	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8015M	6/15/2013	PH052	4.5		1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8015M	6/15/2013	PH052	4.5		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8015M	6/15/2013	PH052	4.5		1	PHCC21C30	EFH (C21-C30)	4.4	J	2.1	5.2	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8015M	6/15/2013	PH052	4.5		1	PHCC30C40	EFH (C30-C40)	12	J	4.2	10	mg/kg		J	FD	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8015M	6/15/2013	PH052	4.5		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	1024-57-3	HEPTACHLOR EPOXIDE	0.87	U	0.18	0.87	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	1031-07-8	ENDOSULFAN SULFATE	1.8	U	0.34	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	2385-85-5	MIREX	1.8	U	0.37	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	309-00-2	ALDRIN	0.87	U	0.18	0.87	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	319-84-6	ALPHA-BHC	0.87	U	0.18	0.87	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	319-85-7	BETA-BHC	2	U	1.0	2.0	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	319-86-8	DELTA-BHC	0.87	U	0.47	0.87	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	33213-65-9	ENDOSULFAN II	1.8	U	0.34	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	50-29-3	4,4'-DDT	1.8	U	0.37	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	53494-70-5	ENDRIN KETONE	1.9	U	0.63	1.9	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	57-74-9	CHLORDANE	18	U	4.2	18	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	58-89-9	gamma-BHC (Lindane)	0.87	U	0.18	0.87	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	60-57-1	DIELDRIN	1.8	U	0.34	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	72-20-8	ENDRIN	1.8	U	0.34	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	72-43-5	Methoxychlor	7	U	1.8	7.0	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	72-54-8	4,4'-DDD	1.8	U	0.34	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	72-55-9	4,4'-DDE	1.8	U	0.34	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	7421-93-4	ENDRIN ALDEHYDE	1.8	U	0.34	1.8	ug/kg	U					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.34	U	0.0248	5.34	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		139001-02-0	OCDF	10.7	U	0.0301	10.7	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.34	U	0.0236	5.34	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.34	U	0.0425	5.34	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.07	U	0.0319	1.07	ng/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.34	U	0.0124	5.34	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		157117-31-4	2,3,4,7,8-PECDF	5.34	U	0.0248	5.34	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.34	U	0.0247	5.34	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		157117-44-9	1,2,3,6,7,8-HXCDF	5.34	U	0.0134	5.34	ng/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.34	U	0.0273	5.34	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		160851-34-5	2,3,4,6,7,8-HXCDF	5.34	U	0.0126	5.34	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.34	U	0.00819	5.34	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		170648-26-9	1,2,3,4,7,8-HXCDF	5.34	U	0.0142	5.34	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		172918-21-9	1,2,3,7,8,9-HXCDF	5.34	U	0.0170	5.34	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		1 TCDD TEQ	TCDD TEQ	0.0307		0	0	ng/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	160.3M	6/18/2013	PH055	7.2		1 MOIST	MOISTURE	7.2		0.10	0.10	%				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	9045M	6/13/2013	PH055	2.4		1 pH	PH	6.5		0.0100	0.0100	pH unit				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	140		6.1	18	ug/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1117-84-0	Di-n-octylphthalate	51		6.1	18	ug/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1129-00-0	PYRENE	0.9	J	0.68	1.7	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1205-99-2	BENZO(B)FLUORANTHENE	3.4		0.68	1.7	ug/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1206-44-0	FLUORANTHENE	0.99	J	0.68	1.7	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1218-01-9	Chrysene	0.64	J	0.34	1.7	ug/kg	J	J	Z	1786254	267824.5	-118.70809
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		185-01-8	PHENANTHRENE	0.73	J	0.68	1.7	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8015M	6/18/2013	PH055	2.4		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8015M	6/18/2013	PH055	2.4		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		185-01-8	PHENANTHRENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		186-73-7	FLUORENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		191-20-3	NAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	9045M	6/18/2013	PH058	6.6		1pH	PH	6.78		0.0100	0.0100	pH unit				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	160.3M	6/25/2013	PH058	2.3		1MOIST	MOISTURE	2.3		0.10	0.10	%				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17439-92-1	LEAD	12.4		0.507	3.04	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17439-93-2	LITHIUM	20.1		0.34	4.1	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17439-95-4	MAGNESIUM	4180		1.69	10.1	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17439-96-5	MANGANESE	344	J	0.0841	1.01	mg/kg	J	J	E	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17439-98-7	MOLYBDENUM	2.03	U	0.172	2.03	mg/kg	J	U	F, B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-02-0	NICKEL	15		0.132	2.03	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-09-7	POTASSIUM	4190	J	8.45	101	mg/kg		J	Q	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-23-5	SODIUM	84.2	J	16.9	101	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-32-6	TITANIUM METAL POWDER	1270		0.172	1.01	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-36-0	ANTIMONY	4.05	UJ	0.750	4.05	mg/kg	U	UJ	Q	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-38-2	ARSENIC	4.17		0.709	4.05	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-39-3	BARIUM	106		0.0334	1.01	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-41-7	BERYLLIUM	0.599	J	0.0679	1.01	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-42-8	BORON	10.1	U	0.851	10.1	mg/kg	J	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-43-9	CADMIUM	0.301	J	0.0770	1.01	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-47-3	CHROMIUM	25.1		0.162	3.04	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-48-4	COBALT	5.48	J	0.100	1.01	mg/kg		J	E	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-50-8	COPPER	9.97	J	0.294	2.03	mg/kg		J	A	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-62-2	VANADIUM (FUME OR DUST)	37.5		0.132	1.01	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-66-6	ZINC	64.2		0.203	4.05	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-67-7	ZIRCONIUM	4.04	J	0.851	5.07	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-70-2	CALCIUM METAL	2120		3.38	20.3	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17723-14-0	PHOSPHORUS	427		2.93	10.1	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6020A	6/27/2013	PH058	2.3		27782-49-2	SELENIUM	0.202	J	0.101	0.405	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6020A	6/27/2013	PH058	2.3		27440-22-4	SILVER	0.0692	J	0.0263	0.203	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6020A	6/27/2013	PH058	2.3		27440-24-6	STRONTIUM	31.7	J	0.0527	0.405	mg/kg		J	Q	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6020A	6/27/2013	PH058	2.3		27440-28-0	THALLIUM	0.405		0.0304	0.203	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	7471B	6/28/2013	PH058	2.3		17439-97-6	MERCURY	0.0139	J	0.010	0.0166	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8015M	6/25/2013	PH058	2.3		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8015M	6/25/2013	PH058	2.3		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8015M	6/25/2013	PH058	2.3		1PHCC21C30	EFH (C21-C30)	15		2.0	5.1	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8015M	6/25/2013	PH058	2.3		1PHCC30C40	EFH (C30-C40)	30		4.1	10	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8015M	6/25/2013	PH058	2.3		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8270D SIM	6/28/2013	PH058	2.3		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	12	J	6.1	18	ug/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8270D SIM	6/28/2013	PH058	2.3		1117-84-0	Di-n-octylphtalate	120		6.1	18	ug/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8270D SIM	6/28/2013	PH058	2.3		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8270D SIM	6/28/2013	PH058	2.3		1129-00-0	PYRENE	2.8		0.68</								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	1613B	6/29/2013	PH058	4.6		157117-44-9	1,2,3,6,7,8-HXCDF	5.19	U	0.00755	5.19	ng/kg	JBQ	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	1613B	6/29/2013	PH058	4.6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.19	UJ	0.0264	5.19	ng/kg	JBQ	UJ	B, FD	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	1613B	6/29/2013	PH058	4.6		160851-34-5	2,3,4,6,7,8-HXCDF	5.19	U	0.00755	5.19	ng/kg	JB	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	1613B	6/29/2013	PH058	4.6		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.19	U	0.00702	5.19	ng/kg	JBQ	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	1613B	6/29/2013	PH058	4.6		170648-26-9	1,2,3,4,7,8-HXCDF	5.19	U	0.00828	5.19	ng/kg	JBQ	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	1613B	6/29/2013	PH058	4.6		172918-21-9	1,2,3,7,8,9-HXCDF	5.19	U	0.00870	5.19	ng/kg	JBQ	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	1613B	6/29/2013	PH058	4.6		1TCDD TEQ	TCDD TEQ	0.0568		0	0	ng/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/28/2013	PH058	4.6	5	7439-89-6	IRON	35600		18.8	208	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7429-90-5	ALUMINUM (FUME OR DUST)	22700		7.48	41.5	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7439-92-1	LEAD	11.8		0.519	3.11	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7439-93-2	LITHIUM	45.9		0.35	4.2	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7439-95-4	MAGNESIUM	8040		1.73	10.4	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7439-96-5	MANGANESE	372	J	0.0861	1.04	mg/kg		J	E	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7439-98-7	MOLYBDENUM	2.08	UJ	0.176	2.08	mg/kg	J	UJ	F, FD, B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-02-0	NICKEL	23.3		0.135	2.08	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-09-7	POTASSIUM	2950	J	8.66	104	mg/kg		J	Q	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-23-5	SODIUM	181		17.3	104	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-31-5	TIN	10.4	U	0.228	10.4	mg/kg	J	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-32-6	TITANIUM METAL POWDER	1530		0.176	1.04	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-36-0	ANTIMONY	4.15	UJ	0.768	4.15	mg/kg	U	UJ	Q	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-38-2	ARSENIC	10.8		0.726	4.15	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-39-3	BARIUM	126		0.0342	1.04	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-41-7	BERYLLIUM	1.08		0.0695	1.04	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-42-8	BORON	10.4	U	0.872	10.4	mg/kg	J	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-43-9	CADMIUM	1.04	UJ	0.0789	1.04	mg/kg	U	UJ	FD	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-47-3	CHROMIUM	36.2		0.166	3.11	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-48-4	COBALT	8.66	J	0.103	1.04	mg/kg		J	E	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-50-8	COPPER	17.9	J	0.301	2.08	mg/kg		J	A	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-62-2	VANADIUM (FUME OR DUST)	59.6		0.135	1.04	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-66-6	ZINC	86.7		0.208	4.15	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-67-7	ZIRCONIUM	5.06	J	0.872	5.19	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-70-2	CALCIUM METAL	4440		3.47	20.8	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7723-14-0	PHOSPHORUS	581		3.00	10.4	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6020A	6/27/2013	PH058	4.6	2	7782-49-2	SELENIUM	0.338	J	0.104	0.415	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6020A	6/27/2013	PH058	4.6	2	7440-22-4	SILVER	0.208	U	0.0270	0.208	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6020A	6/27/2013	PH058	4.6	2	7440-24-6	STRONTIUM	32.8	J	0.0540	0.415	mg/kg		J	Q	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6020A	6/27/2013	PH058	4.6	2	7440-28-0	THALLIUM	0.36		0.0311	0.208	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	7471B	6/28/2013	PH058	4.6	1	7439-97-6	MERCURY	0.0165	U	0.0099	0.0165	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8015M	6/25/2013	PH058	4.6	1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8015M	6/25/2013	PH058	4.6	1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8015M	6/25/2013	PH058	4.6	1	PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8015M	6/25/2013	PH058	4.6	1	PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8015M	6/25/2013	PH058	4.6	1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8015M	6/21/2013	PH058	4.6	24.65	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6	1	117-84-0	Di-n-octylphtalate	19	U	6.2	19	ug/kg	U					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-09-7	POTASSIUM	3460		13.2	97.6	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-23-5	SODIUM	61.6	J	16.3	97.6	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-31-5	TIN	9.76	U	0.215	9.76	mg/kg	J	U	B	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-32-6	TITANIUM METAL POWDER	929		0.166	0.976	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-36-0	ANTIMONY	3.9	UJ	0.488	3.90	mg/kg	J	UJ	B, Q	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-38-2	ARSENIC	4.61		0.322	3.90	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-39-3	BARIUM	101		0.0322	0.976	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-41-7	BERYLLIUM	0.587	J	0.0654	0.976	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-42-8	BORON	3.1	J	0.810	9.76	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-43-9	CADMIUM	0.314	J	0.0322	0.976	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-47-3	CHROMIUM	18.9		0.0859	2.93	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-48-4	COBALT	5.58		0.0879	0.976	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-50-8	COPPER	10.8		0.176	1.95	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-62-2	VANADIUM (FUME OR DUST)	33.1		0.107	0.976	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-66-6	ZINC	53.3		0.195	3.90	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-67-7	ZIRCONIUM	3.22	J	0.810	4.88	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-70-2	CALCIUM METAL	2020	J	3.92	19.5	mg/kg		J	Q	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17723-14-0	PHOSPHORUS	389	J	0.498	9.76	mg/kg		J	Q	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6020A	6/9/2013	PH041	1.5		27440-24-6	STRONTIUM	20.6	J	0.0332	0.390	mg/kg		J	Q	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6020A	6/4/2013	PH041	1.5		27782-49-2	SELENIUM	0.119	J	0.0976	0.390	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6020A	6/4/2013	PH041	1.5		27440-22-4	SILVER	0.0566	J	0.0195	0.195	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6020A	6/4/2013	PH041	1.5		27440-28-0	THALLIUM	0.239		0.0293	0.195	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	7471B	6/4/2013	PH041	1.5		17439-97-6	MERCURY	0.0108	J	0.0096	0.0160	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8015M	6/4/2013	PH041	1.5		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8015M	6/4/2013	PH041	1.5		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8015M	6/4/2013	PH041	1.5		1PHCC21C30	EFH (C21-C30)	15		2.0	5.1	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8015M	6/4/2013	PH041	1.5		1PHCC30C40	EFH (C30-C40)	30		4.1	10	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8015M	6/4/2013	PH041	1.5		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	6.7	J	6.1	18	ug/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1129-00-0	PYRENE	1.7		0.68	1.7	ug/kg	J			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1191-24-2	BENZO(G,H,I)PERYLENE	0.77	J	0.68	1.7	ug/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1205-99-2	BENZO(B)FLUORANTHENE	2		0.68	1.7	ug/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1206-44-0	FLUORANTHENE	2.5		0.68	1.7	ug/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1207-08-9	BENZO(K)FLUORANTHENE	0.72	J	0.68	1.7	ug/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786768	267135	-118.70637
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8270D SIM	12/4/2013	PH131	3.1		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786201	267277	-118.70826
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		150-32-8	BENZO(A)PYRENE	0.88	J	0.68	1.7	ug/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		156-55-3	BENZO(A)ANTHRACENE	0.72	J	0.68	1.7	ug/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO																						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	6010C	6/4/2013	PH041	1.7		17439-98-7	MOLYBDENUM	1.99	U	0.170	1.99	mg/kg	J	U	B, F	1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	6010C	6/4/2013	PH041	1.7		17440-02-0	NICKEL	13.9	J	0.110	1.99	mg/kg	J	U	A	1786769	267128.8	-118.70636
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-41-7	BERYLLIUM	0.603	J	0.0663	0.990	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-42-8	BORON	2.63	J	0.822	9.90	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-43-9	CADMIUM	0.308	J	0.0327	0.990	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-47-3	CHROMIUM	19.2		0.0871	2.97	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-48-4	COBALT	5.61		0.0891	0.990	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-50-8	COPPER	10.5		0.178	1.98	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-62-2	VANADIUM (FUME OR DUST)	33.3		0.109	0.990	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-66-6	ZINC	56.1		0.198	3.96	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-67-7	ZIRCONIUM	3.42	J	0.822	4.95	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-70-2	CALCIUM METAL	2160	J	3.98	19.8	mg/kg		J	Q	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17723-14-0	PHOSPHORUS	327	J	0.505	9.90	mg/kg		J	Q	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6020A	6/9/2013	PH042	1		27440-24-6	STRONTIUM	22	J	0.0337	0.396	mg/kg		J	Q	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6020A	6/4/2013	PH042	1		27782-49-2	SELENIUM	0.102	J	0.0990	0.396	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6020A	6/4/2013	PH042	1		27440-22-4	SILVER	0.0605	J	0.0198	0.198	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6020A	6/4/2013	PH042	1		27440-28-0	THALLIUM	0.235		0.0297	0.198	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	7471B	6/4/2013	PH042	1		17439-97-6	MERCURY	0.0132	J	0.0093	0.0156	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8015M	6/4/2013	PH042	1		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8015M	6/4/2013	PH042	1		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8015M	6/4/2013	PH042	1		1PHCC21C30	EFH (C21-C30)	7.8		2.0	5.1	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8015M	6/4/2013	PH042	1		1PHCC30C40	EFH (C30-C40)	17		4.0	10	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8015M	6/4/2013	PH042	1		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1117-84-0	Di-n-octylphtthalate	18	U	6.1	18	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1120-12-7	ANTHRACENE	0.47	J	0.34	1.7	ug/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1129-00-0	PYRENE	5.5		0.67	1.7	ug/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1191-24-2	BENZO(C,H,I)PERYLENE	0.79	J	0.67	1.7	ug/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1205-99-2	BENZO(B)FLUORANTHENE	2.6		0.67	1.7	ug/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1206-44-0	FLUORANTHENE	3.9		0.67	1.7	ug/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1207-08-9	BENZO(K)FLUORANTHENE	1.1	J	0.67	1.7	ug/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786822	267092.9	-118.70619
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		150-32-8	BENZO(A)PYRENE	0.9	J	0.67	1.7	ug/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		156-55-3	BENZO(A)ANTHRACENE	0.83	J	0.67	1.7	ug/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		184-74-2	Di-n-butylphtthalate	18	U	6.1	18	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		185-01-8	PHENANTHRENE	3.5		0.67	1.7	ug/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft																							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	1613B	6/5/2013	PH042	2.2		157117-44-9	1,2,3,6,7,8-HXCDF	0.297	J	0.0674	5.07	ng/kg	JB	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	1613B	6/5/2013	PH042	2.2		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.355	J	0.0673	5.07	ng/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	1613B	6/5/2013	PH042	2.2		160851-34-5	2,3,4,6,7,8-HXCDF	0.189	J	0.0703	5.07	ng/kg	JBQ	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	1613B	6/5/2013	PH042	2.2		167562-39-4	1,2,3,4,6,7,8-HPCDF	1.52	J	0.0684	5.07	ng/kg	JB	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	1613B	6/5/2013	PH042	2.2		170648-26-9	1,2,3,4,7,8-HXCDF	0.251	J	0.0701	5.07	ng/kg	JBQ	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	1613B	6/5/2013	PH042	2.2		172918-21-9	1,2,3,7,8,9-HXCDF	0.124	J	0.0774	5.07	ng/kg	JB	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	1613B	6/5/2013	PH042	2.2		1TCDD TEQ	TCDD TEQ	0.174		0	0	ng/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17429-90-5	ALUMINUM (FUME OR DUST)	14500		7.58	39.3	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17439-89-6	IRON	17900		3.74	39.3	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17439-92-1	LEAD	5.9		0.462	2.95	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17439-93-2	LITHIUM	18.3		0.54	3.9	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17439-95-4	MAGNESIUM	3350		1.70	9.83	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17439-96-5	MANGANESE	258		0.0816	0.983	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17439-98-7	MOLYBDENUM	1.97	U	0.167	1.97	mg/kg	J	U	B, F	1786874	267148.9	-118.70602
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	160.3M	6/4/2013	PH043	4		1MOIST	MOISTURE	4		0.10	0.10	%				1786598	266989.8	-118.70693
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-02-0	NICKEL	10.6	J	0.108	1.97	mg/kg		J	A	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-09-7	POTASSIUM	2320		13.3	98.3	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-23-5	SODIUM	61.9	J	16.4	98.3	mg/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-31-5	TIN	9.83	U	0.216	9.83	mg/kg	J	U	B	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-32-6	TITANIUM METAL POWDER	921		0.167	0.983	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-36-0	ANTIMONY	3.93	UJ	0.492	3.93	mg/kg	J	UJ	B, Q	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-38-2	ARSENIC	4.75		0.324	3.93	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-39-3	BARIUM	79.7		0.0324	0.983	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-41-7	BERYLLIUM	0.611	J	0.0659	0.983	mg/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-42-8	BORON	2.28	J	0.816	9.83	mg/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-43-9	CADMIUM	0.182	J	0.0324	0.983	mg/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-47-3	CHROMIUM	18.1		0.0865	2.95	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-48-4	COBALT	5.04		0.0885	0.983	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-50-8	COPPER	7.84		0.177	1.97	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-62-2	VANADIUM (FUME OR DUST)	32		0.108	0.983	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-66-6	ZINC	41.2		0.197	3.93	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-67-7	ZIRCONIUM	3.4	J	0.816	4.92	mg/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-70-2	CALCIUM METAL	1640	J	3.95	19.7	mg/kg		J	Q	1786874	267148.9	-118.70602
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8015M	6/5/2013	PH043	4.2	25.2	GROCS6C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1129-00-0	PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.70	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1206-44-0	FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1208-96-8												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	1613B	6/5/2013	PH043	13.7		160851-34-5	2,3,4,6,7,8-HXCDF	0.257	J	0.0718	5.52	ng/kg	JBQ	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	1613B	6/5/2013	PH043	13.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	2.09	J	0.0418	5.52	ng/kg	JB	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	1613B	6/5/2013	PH043	13.7		170648-26-9	1,2,3,4,7,8-HXCDF	0.297	J	0.0695	5.52	ng/kg	JB	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	1613B	6/5/2013	PH043	13.7		172918-21-9	1,2,3,7,8,9-HXCDF	0.316	J	0.0811	5.52	ng/kg	JB	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	1613B	6/5/2013	PH043	13.7		17CDD TEQ	TCDD TEQ	0.675		0		ng/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17429-90-5	ALUMINUM (FUME OR DUST)	14200		8.59	44.6	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17439-89-6	IRON	17900		4.23	44.6	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17439-92-1	LEAD	6.13		0.524	3.34	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17439-93-2	LITHIUM	19		0.61	4.5	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17439-95-4	MAGNESIUM	3570		1.93	11.1	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17439-96-5	MANGANESE	319	J	0.0925	1.11	mg/kg		J	E	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17439-98-7	MOLYBDENUM	2.23	U	0.189	2.23	mg/kg	J	U	F	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-02-0	NICKEL	11.6		0.123	2.23	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-09-7	POTASSIUM	3520	J	15.0	111	mg/kg		J	Q	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-23-5	SODIUM	80.8	J	18.6	111	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-31-5	TIN	11.1	U	0.245	11.1	mg/kg	J	U	B	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-32-6	TITANIUM METAL POWDER	1140		0.189	1.11	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-36-0	ANTIMONY	4.46	UJ	0.557	4.46	mg/kg	J	UJ	B, Q	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-38-2	ARSENIC	5.2		0.368	4.46	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-39-3	BARIUM	100		0.0368	1.11	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-41-7	BERYLLIUM	0.548	J	0.0747	1.11	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-42-8	BORON	2.89	J	0.925	11.1	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-43-9	CADMIUM	0.332	J	0.0368	1.11	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-47-3	CHROMIUM	19.5		0.0980	3.34	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-48-4	COBALT	5.52	J	0.100	1.11	mg/kg		J	E	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-50-8	COPPER	10.5		0.201	2.23	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-62-2	VANADIUM (FUME OR DUST)	32.3		0.123	1.11	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-66-6	ZINC	50.6		0.223	4.46	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-67-7	ZIRCONIUM	4.08	J	0.925	5.57	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-70-2	CALCIUM METAL	2000		4.48	22.3	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17723-14-0	PHOSPHORUS	373		0.568	11.1	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6020A	6/11/2013	PH043	13.7		27782-49-2	SELENIUM	0.146	J	0.111	0.446	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6020A	6/11/2013	PH043	13.7		27440-22-4	SILVER	0.0354	J	0.0223	0.223	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6020A	6/11/2013	PH043	13.7		27440-24-6	STRONTIUM	21.8		0.0379	0.446	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6020A	6/11/2013	PH043	13.7		27440-28-0	THALLIUM	0.277		0.0334	0.223	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	7471B	6/7/2013	PH043	13.7		17439-97-6	MERCURY	0.0187	U	0.0112	0.0187	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8015M	6/6/2013	PH043	13.7		1PHCC12C14	EFH (C12-C14)	5.8	U	2.3	5.8	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8015M	6/6/2013	PH043	13.7		1PHCC15C20	EFH (C15-C20)	5.8	U	2.3	5.8	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8015M	6/6/2013	PH043	13.7		1PHCC21C30	EFH (C21-C30)	8.5		2.3	5.8	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8015M	6/6/2013	PH043	13.7		1PHCC30C40	EFH (C30-C40)	16		4.6	12	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8015M	6/6/2013	PH043	13.7		1PHCC8C11	EFH (C8-C11)	5.8	U	2.3	5.8	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8270D SIM	6/10/2013	PH043	13.7		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	21	U	7.0	21	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8270D SIM	6/10/2013	PH043	13.7		1117-84-0	Di-n-octylphtalate	21	U	7.0	21	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8270D SIM	6/10/2013	PH043	13.7		1120-12-7	ANTHRACENE	1.9	U	0.39	1.9	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8270D SIM	6/10/2013	PH043	13.7		1129-00-0	PYRENE	0.97	J	0.77	1.9	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8270D SIM	6/10/2013	PH043	13.7		1131-11-3	DIMETHYL PHTHALATE	21	U	7.0	21	ug/kg						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	1613B	6/16/2013	PH047	2.2	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.74	J	0.0312	4.89	ng/kg	JB	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	1613B	6/16/2013	PH047	2.2	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.57	J	0.0210	4.89	ng/kg	JB	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	1613B	6/16/2013	PH047	2.2	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	12.5		0.0173	4.89	ng/kg	B			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	1613B	6/16/2013	PH047	2.2	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.429	J	0.0240	4.89	ng/kg	JB	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	1613B	6/16/2013	PH047	2.2	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.346	J	0.0270	4.89	ng/kg	JB	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	1613B	6/16/2013	PH047	2.2	1	TCDD TEQ	TCDD TEQ	1.81		0	0	ng/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/13/2013	PH047	2.2	1	7440-70-2	CALCIUM METAL	1680		4.07	20.2	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/14/2013	PH047	2.2	5	7440-50-8	COPPER	9.36	J	0.911	10.1	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7429-90-5	ALUMINUM (FUME OR DUST)	10800		7.81	40.5	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7439-89-6	IRON	14700		3.85	40.5	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7439-92-1	LEAD	7.59		0.476	3.04	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7439-93-2	LITHIUM	14.6		0.56	4.0	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7439-95-4	MAGNESIUM	2870		1.75	10.1	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7439-96-5	MANGANESE	275		0.0840	1.01	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7439-98-7	MOLYBDENUM	2.02	U	0.172	2.02	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-02-0	NICKEL	7.82		0.111	2.02	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-09-7	POTASSIUM	2890		13.7	101	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-23-5	SODIUM	65.7	J	16.9	101	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-32-6	TITANIUM METAL POWDER	965		0.172	1.01	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-36-0	ANTIMONY	4.05	U	0.506	4.05	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-38-2	ARSENIC	2.96	J	0.334	4.05	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-39-3	BARIUM	80.9		0.0334	1.01	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-41-7	BERYLLIUM	0.403	J	0.0678	1.01	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-42-8	BORON	3.42	J	0.840	10.1	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-43-9	CADMIUM	0.462	J	0.0334	1.01	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-47-3	CHROMIUM	14.5		0.0891	3.04	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-48-4	COBALT	4.01		0.0911	1.01	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-62-2	VANADIUM (FUME OR DUST)	25.2		0.111	1.01	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-66-6	ZINC	44.7		0.202	4.05	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-67-7	ZIRCONIUM	1.02	J	0.840	5.06	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7723-14-0	PHOSPHORUS	348		0.516	10.1	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6020A	6/11/2013	PH047	2.2	2	7782-49-2	SELENIUM	0.102	J	0.101	0.405	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6020A	6/11/2013	PH047	2.2	2	7440-22-4	SILVER	0.105	J	0.0202	0.202	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6020A	6/11/2013	PH047	2.2	2	7440-24-6	STRONTIUM	14.5		0.0344	0.405	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6020A	6/11/2013	PH047	2.2	2	7440-28-0	THALLIUM	0.199	J	0.0304	0.202	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	7471B	6/11/2013	PH047	2.2	1	7439-97-6	MERCURY	0.0118	J	0.0098	0.0163	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8015M	6/13/2013	PH047	2.2	1	PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8015M	6/13/2013	PH047	2.2	1	PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8015M	6/13/2013	PH047	2.2	1	PHCC21C30	EFH (C21-C30)	7.3		2.0	5.1	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8015M	6/13/2013	PH047	2.2	1	PHCC30C40	EFH (C30-C40)	23		4.1	10	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8015M	6/13/2013	PH047	2.2	1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8270D SIM	6/14/2013	PH047	2.2	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8270D SIM	6/14/2013	PH047	2.2	1	117-84-0	Di-n-octylphtthalate	18	U	6.1	18	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	120-12-7	6/14/2013	PH047	2.2	1	120-12-7	ANTHRACENE	0.58	J	0.34	1.7	ug/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8270D SIM	6/14/2013	PH047	2.2	1	129-00-0	PYRENE	1.5	J	0.68								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	1613B	6/16/2013	PH047	5.4		157117-44-9	1,2,3,6,7,8-HXCDF	5.12	U	0.00655	5.12	ng/kg	JBQ	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	1613B	6/16/2013	PH047	5.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.12	U	0.0118	5.12	ng/kg	JB	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	1613B	6/16/2013	PH047	5.4		160851-34-5	2,3,4,6,7,8-HXCDF	5.12	U	0.00592	5.12	ng/kg	JBQ	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	1613B	6/16/2013	PH047	5.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.12	U	0.00560	5.12	ng/kg	JB	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	1613B	6/16/2013	PH047	5.4		170648-26-9	1,2,3,4,7,8-HXCDF	5.12	U	0.00708	5.12	ng/kg	JBQ	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	1613B	6/16/2013	PH047	5.4		172918-21-9	1,2,3,7,8,9-HXCDF	5.12	U	0.00803	5.12	ng/kg	JB	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	1613B	6/16/2013	PH047	5.4		1TCDD TEQ	TCDD TEQ	0.0359		0	0	ng/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/14/2013	PH047	5.4		57440-50-8	COPPER	9.98	J	0.942	10.5	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17429-90-5	ALUMINUM (FUME OR DUST)	19500		8.07	41.9	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17439-89-6	IRON	25200		3.98	41.9	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17439-92-1	LEAD	7.62		0.492	3.14	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17439-93-2	LITHIUM	30.4		0.58	4.2	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17439-95-4	MAGNESIUM	4700		1.81	10.5	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17439-96-5	MANGANESE	357		0.0869	1.05	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17439-98-7	MOLYBDENUM	2.09	U	0.178	2.09	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17440-02-0	NICKEL	10.8		0.115	2.09	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17440-09-7	POTASSIUM	1460		14.1	105	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17440-23-5	SODIUM	134		17.5	105	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17440-31-5	TIN	10.5	U	0.230	10.5	mg/kg	J	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17440-32-6	TITANIUM METAL POWDER	1310		0.178	1.05	mg/kg				1786441	266923.3	-118.70745
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		1218-01-9	Chrysene	1.8	U	0.36	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		150-32-8	BENZO(A)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		183-32-9	ACENAPHTHENE	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		184-66-2	DIETHYL PHTHALATE	19	U	6.5	19	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		184-74-2	Di-n-butylphthalate	19	U	6.5	19	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		185-01-8	PHENANTHRENE	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.5	19	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		186-73-7	FLUORENE	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		190-12-0	1-METHYLNAPHTHALENE	1.2	J	0.72	1.8	ug/kg	J	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		191-20-3	NAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		191-57-6	2-METHYLNAPHTHALENE	0.74	J	0.72	1.8	ug/kg	J	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	9045M	6/15/2013	PH057	8.7		1pH	pH	6.54		0.0100	0.0100	pH unit				1786856	267386.7	-118.70608
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	160.3M	6/18/2013	PH056	1.5		1MOIST	MOISTURE	1.5		0.10	0.10	%				1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		11746-01-6	2,3,7,8-TCDD	0.0543	J	0.0304	1.01	ng/kg	JQ	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.13	J	0.0442	5.04	ng/kg	JBQ	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		13268-87-9	OCDD	399		0.0439	10.1	ng/kg	B			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	25.3		0.0656	5.04	ng/kg	B			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		139001-02-0	OCDF	9.56	J	0.0302	10.1	ng/kg	JB	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.404	J	0.0421	5.04	ng/kg	JB	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.261	J	0.0338	5.04	ng/kg	JBQ	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0637	J	0.0293	1.01	ng/kg	JQ	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO																						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	6020A	6/19/2013	PH056	1.5		2 7782-49-2	SELENIUM	0.157	J	0.0995	0.398	mg/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	6020A	6/19/2013	PH056	1.5		2 7440-22-4	SILVER	0.0251	J	0.0199	0.199	mg/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	6020A	6/19/2013	PH056	1.5		2 7440-24-6	STRONTIUM	18.6		0.0338	0.398	mg/kg				1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	6020A	6/19/2013	PH056	1.5		2 7440-28-0	THALLIUM	0.257		0.0299	0.199	mg/kg				1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	7471B	6/18/2013	PH056	1.5		1 7439-97-6	MERCURY	0.0111	J	0.0097	0.0161	mg/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8015M	6/21/2013	PH056	1.5		1 PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8015M	6/21/2013	PH056	1.5		1 PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8015M	6/21/2013	PH056	1.5		1 PHCC21C30	EFH (C21-C30)	6.4		2.0	5.1	mg/kg				1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8015M	6/21/2013	PH056	1.5		1 PHCC30C40	EFH (C30-C40)	17		4.1	10	mg/kg				1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8015M	6/21/2013	PH056	1.5		1 PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	15	J	6.0	18	ug/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 117-84-0	Di-n-octylphthalate	93		6.0	18	ug/kg				1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 120-12-7	ANTHRACENE	1.7	U	0.33	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 129-00-0	PYRENE	1.3	J	0.67	1.7	ug/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 191-24-2	BENZO(G,H,I)PERYLENE	0.7	J	0.67	1.7	ug/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 192-97-2	Benzo(e)pyrene	17	U	3.3	17	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 205-99-2	BENZO(B)FLUORANTHENE	2.5		0.67	1.7	ug/kg				1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 206-44-0	FLUORANTHENE	1.7		0.67	1.7	ug/kg	J			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 208-96-8	ACENAPHTHYLENE	1.7	U	0.33	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	8270D SIM	12/4/2013	PH131	5.5		1 218-01-9	Chrysene	0.36	J	0.35	1.8	ug/kg	J	J	Z	1786407	267547.8	-118.70757
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 50-32-8	BENZO(A)PYRENE	0.85	J	0.67	1.7	ug/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 56-55-3	BENZO(A)ANTHRACENE	0.68	J	0.67	1.7	ug/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 83-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 84-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 84-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 85-01-8	PHENANTHRENE	1	J	0.67	1.7	ug/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 85-68-7	BENZYL BUTYL PHTHALATE	7.5	J	6.0	18	ug/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 86-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 91-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1 91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	9045M	6/14/2013	PH056	1.5		1 pH	PH	6.65		0.0100	0.0100	pH unit				1786132	267035.6	-118.70847
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	160.3M	6/18/2013	PH056	2.2		1 MOIST	MOISTURE	2.2		0.10	0.10	%				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		1 1746-01-6	2,3,7,8-TCDD	0.0317	J	0.0202	1.01	ng/kg	JQ	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.1	J	0.0340	5.04	ng/kg	JB	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		1 3268-87-9	OCDD	854		0.0400	10.1	ng/kg	B			1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35.8		0.0613	5.04	ng/kg	B			1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		1 39001-02-0	OCDF	15.1		0.0225	10.1	ng/kg	B			1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		1 39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.447	J	0.0330	5.04	ng/kg	JB	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		1 40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.295	J	0.0262	5.04	ng/kg	JB	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8015M	6/18/2013	PH055	4.8		1	PHCC30C40	EFH (C30-C40)	8.7	J	4.2	11	mg/kg	J	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8015M	6/18/2013	PH055	4.8		1	PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	J			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	9.6	J	6.3	19	ug/kg	J	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	117-84-0	Di-n-octylphthalate	13	J	6.3	19	ug/kg	J	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	129-00-0	PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	206-44-0	FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	218-01-9	Chrysene	1.8	U	0.35	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	83-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	85-01-8	PHENANTHRENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	86-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	91-20-3	NAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	9045M	6/13/2013	PH055	4.8		1	pH	PH	6.37		0.0100	0.0100	pH unit				1786377	267128.1	-118.70766
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	1746-01-6	2,3,7,8-TCDD	1.03	U	0.0288	1.03	ng/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.13	U	0.0389	5.13	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	3268-87-9	OCDD	95.3		0.0325	10.3	ng/kg	B			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.89	J	0.0482	5.13	ng/kg	JB	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	39001-02-0	OCDF	1.41	J	0.0288	10.3	ng/kg	JB	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.13	U	0.0376	5.13	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.13	U	0.0358	5.13	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.03	U	0.0269	1.03	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	55673-89-7	1,2,3,4,7,8-HPCDF	5.13	U	0.0231	5.13	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	57117-31-4	2,3,4,7,8-PECDF	5.13	U	0.0193	5.13	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.13	U	0.0184	5.13	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	57117-44-9	1,2,3,6,7,8-HXCDF	5.13	U	0.0149	5.13	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.13	U	0.0398	5.13	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.13	U	0.0133	5.13	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.543	J	0.0133	5.13	ng/kg	JBQ	J	Z	1786410	267030.7	-

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	1613B	6/21/2013	PH055	3.7		157117-44-9	1,2,3,6,7,8-HXCDF	5	U	0.0134	5.00	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	1613B	6/21/2013	PH055	3.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5	U	0.0227	5.00	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	1613B	6/21/2013	PH055	3.7		160851-34-5	1,2,3,4,6,7,8-HXCDF	5	U	0.0119	5.00	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	1613B	6/21/2013	PH055	3.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	5	U	0.0126	5.00	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	1613B	6/21/2013	PH055	3.7		170648-26-9	1,2,3,4,7,8-HXCDF	5	U	0.0150	5.00	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	1613B	6/21/2013	PH055	3.7		172918-21-9	1,2,3,7,8,9-HXCDF	5	U	0.0139	5.00	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	1613B	6/21/2013	PH055	3.7		1TCDD TEQ	TCDD TEQ	0.00935		0	0	ng/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	160.3M	6/18/2013	PH055	3.7		1MOIST	MOISTURE	3.7		0.10	0.10	%				1786377	267128.1	-118.70766
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	9.1	J	6.5	20	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1117-84-0	Di-n-octylphtalate	8.9	J	6.5	20	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1129-00-0	PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1131-11-3	DIMETHYL PHTHALATE	20	U	6.5	20	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1192-97-2	Benzo(e)pyrene	19	U	3.6	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1218-01-9	Chrysene	1.8	U	0.36	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		150-32-8	BENZO(A)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		183-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		184-66-2	DIETHYL PHTHALATE	7	J	6.5	20	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		184-74-2	Di-n-butylphtalate	20	U	6.5	20	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		185-01-8	PHENANTHRENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.5	20	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		186-73-7	FLUORENE	1.86	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		190-12-0	1-METHYLNAPHTHALENE	2.1		0.73	1.8	ug/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		191-20-3	NAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8015M	6/18/2013	PH055	8.3		1PHCC12C14	EFH (C12-C14)	5.5	U	2.2	5.5	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8015M	6/18/2013	PH055	8.3		1PHCC15C20	EFH (C15-C20)	5.5	U	2.2	5.5	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8015M	6/18/2013	PH055	8.3		1PHCC21C30	EFH (C21-C30)	3	J	2.2	5.5	mg/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8015M	6/18/2013	PH055	8.3		1PHCC30C40	EFH (C30-C40)	7.2	J	4.4	11	mg/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8015M	6/18/2013	PH055	8.3		1PHCC8C11	EFH (C8-C11)	5.5	U	2.2	5.5	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8015M	6/19/2013	PH055	8.3	24.18	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	7471B	6/16/2013	PH055	8.3		17439-97-6	MERCURY	0.0179	U	0.0108	0.0179	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	6020A	6/17/2013	PH055	8.3		27440-22-4	SILVER	0.0597	J	0.0216	0.216	mg/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	6020A	6/17/2013	PH055	8.3		27440-24-6	STRONTIUM	27	J	0.0367	0.432	mg/kg		J	E, Q, A	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	6020A	6/17/2013	PH055	8.3		27440-28-0	THALLIUM	0.349	J	0.0324	0.216	mg/kg		J	Q	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	6020A	6/17/2013	PH055	8.3		27782-49-2	SELENIUM	0.432	U	0.108	0.432	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	6010C	6/17/2013	PH055	8.3		17429-90-5	ALUMINUM (FUME OR DUST)	17400		8.32	43.2							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.22	U	0.0227	5.22	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		157117-44-9	1,2,3,6,7,8-HXCDF	5.22	U	0.0136	5.22	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.22	U	0.0360	5.22	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		160851-34-5	2,3,4,6,7,8-HXCDF	5.22	U	0.0154	5.22	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.22	U	0.0103	5.22	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		170648-26-9	1,2,3,4,7,8-HXCDF	5.22	U	0.0170	5.22	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		172918-21-9	1,2,3,7,8,9-HXCDF	5.22	U	0.0172	5.22	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8015M	6/25/2013	PH058	6.6		1PHCC21C30	EFH (C21-C30)	5.4	U	2.1	5.4	mg/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8015M	6/25/2013	PH058	6.6		1PHCC30C40	EFH (C30-C40)	11	U	4.3	11	mg/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8015M	6/25/2013	PH058	6.6		1PHCC8C11	EFH (C8-C11)	5.4	U	2.1	5.4	mg/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8015M	6/21/2013	PH058	6.6	27	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.2	U	0.2	1.2	mg/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.4	19	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1117-84-0	Di-n-octylphthalate	19	U	6.4	19	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1129-00-0	PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1131-11-3	DIMETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1192-97-2	Benzo(e)pyrene	18	U	3.6	18	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1205-99-2	BENZO(B)FLUORANTHENE	0.79	J	0.71	1.8	ug/kg	J	J	Z	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1206-44-0	FLUORANTHENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1218-01-9	Chrysene	1.8	U	0.36	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17440-67-7	ZIRCONIUM	5	U	0.840	5.00	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17440-70-2	CALCIUM METAL	2650		3.34	20.0	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17723-14-0	PHOSPHORUS	396		2.89	10.0	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6020A	6/27/2013	PH059	3.8		27782-49-2	SELENIUM	0.16	J	0.100	0.400	mg/kg	J	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6020A	6/27/2013	PH059	3.8		27440-22-4	SILVER	0.2	U	0.0260	0.200	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6020A	6/27/2013	PH059	3.8		27440-24-6	STRONTIUM	18.4		0.0520	0.400	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6020A	6/27/2013	PH059	3.8		27440-28-0	THALLIUM	0.295		0.0300	0.200	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	7471B	6/25/2013	PH059	3.8		17439-97-6	MERCURY	0.0169	U	0.0101	0.0169	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8015M	6/25/2013	PH059	3.8		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8015M	6/25/2013	PH059	3.8		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8015M	6/25/2013	PH059	3.8		1PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8015M	6/25/2013	PH059	3.8		1PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8015M	6/25/2013	PH059	3.8		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8015M	6/21/2013	PH059	3.8	24.32	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8270D SIM	6/28/2013	PH059	3.8		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8270D SIM	6/28/2013	PH059	3.8		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8270D SIM	6/28/2013	PH059	3.8		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8270D SIM	6/28/2013	PH059	3.8		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8270D SIM	6/28/2013	PH059	3.8		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8270D SIM	6/28/2013	PH059	3.8		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG																					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	1613B	6/27/2013	PH059	1.2		170648-26-9	1,2,3,4,7,8-HXCDF	0.316	J	0.0381	5.03	ng/kg	JB	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	1613B	6/27/2013	PH059	1.2		172918-21-9	1,2,3,7,8,9-HXCDF	0.335	J	0.0432	5.03	ng/kg	JB	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	1613B	6/27/2013	PH059	1.2		170648-26-9	TCDD TEQ	1.29		0	0	ng/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17429-90-5	ALUMINUM (FUME OR DUST)	15200		7.09	39.3	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17439-89-6	IRON	20600		3.56	39.3	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17439-92-1	LEAD	11.6		0.491	2.95	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17439-93-2	LITHIUM	20.3		0.33	3.9	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17439-95-4	MAGNESIUM	4020		1.64	9.83	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17439-96-5	MANGANESE	364		0.0816	0.983	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17439-98-7	MOLYBDENUM	1.97	U	0.167	1.97	mg/kg	J	U	F, B	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-02-0	NICKEL	13.4		0.128	1.97	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-09-7	POTASSIUM	3810		8.20	98.3	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-23-5	SODIUM	74.4	J	16.4	98.3	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-31-5	TIN	9.83	U	0.216	9.83	mg/kg	J	U	B	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-32-6	TITANIUM METAL POWDER	1190		0.167	0.983	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-36-0	ANTIMONY	3.93	U	0.727	3.93	mg/kg	U			1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-38-2	ARSENIC	2.39	J	0.688	3.93	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-39-3	BARIUM	112		0.0324	0.983	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-41-7	BERYLLIUM	0.564	J	0.0658	0.983	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-42-8	BORON	4.5	J	0.825	9.83	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-43-9	CADMIUM	0.983	U	0.0747	0.983	mg/kg	U			1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-47-3	CHROMIUM	21		0.157	2.95	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-48-4	COBALT	5.77		0.0973	0.983	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-50-8	COPPER	10.7		0.285	1.97	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-62-2	VANADIUM (FUME OR DUST)	37.4		0.128	0.983	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-66-6	ZINC	59.8		0.197	3.93	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-67-7	ZIRCONIUM	1.32	J	0.825	4.91	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-70-2	CALCIUM METAL	2380		3.28	19.7	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17723-14-0	PHOSPHORUS	425		2.84	9.83	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6020A	6/27/2013	PH059	1.2		27782-49-2	SELENIUM	0.153	J	0.0983	0.393	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6020A	6/27/2013	PH059	1.2		27440-22-4	SILVER	0.0785	J	0.0255	0.197	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6020A	6/27/2013	PH059	1.2		27440-24-6	STRONTIUM	28		0.0511	0.393	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6020A	6/27/2013	PH059	1.2		27440-28-0	THALLIUM	0.326		0.0295	0.197	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	7471B	6/25/2013	PH059	1.2		17439-97-6	MERCURY	0.0122	J	0.0096	0.0160	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8015M	6/25/2013	PH059	1.2		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8015M	6/25/2013	PH059	1.2		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8015M	6/25/2013	PH059	1.2		1PHCC21C30	EFH (C21-C30)	9		2.0	5.1	mg/kg	U			1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8015M	6/25/2013	PH059	1.2		1PHCC30C40	EFH (C30-C40)	23		4.0	10	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8015M	6/25/2013	PH059	1.2		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	7	J	6.0	18	ug/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1117-84-0	Di-n-octylphthalate	170		6.0	18	ug/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1120-12-7	ANTHRACENE	0.44	J	0.34	1.7	ug/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1129-00-0	PYRENE	2.9		0.67	1.7	ug/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1191-24-2	BENZO(G,H,I)PERYLENE	0.77	J	0.67	1.7	ug/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1192-97-2	Benzo(e)pyrene	17	U	3.3	1.7	ug/kg	U			1786689	267422.5	-11

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	1613B	6/5/2013	PH042	4		172918-21-9	1,2,3,7,8,9-HXCDF	5.14	U	0.0149	5.14	ng/kg	JBO	U	B	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	1613B	6/5/2013	PH042	4		1TCDD TEQ	TCDD TEQ	0.000158		0	0	ng/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17429-90-5	ALUMINUM (FUME OR DUST)	15100		7.80	40.5	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17439-89-6	IRON	20200		3.84	40.5	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17439-92-1	LEAD	5.47		0.475	3.03	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17439-93-2	LITHIUM	23		0.56	4.0	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17439-95-4	MAGNESIUM	4170		1.75	10.1	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17439-96-5	MANGANESE	170		0.0839	1.01	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17439-98-7	MOLYBDENUM	2.02	U	0.172	2.02	mg/kg	J	U	B, F	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-02-0	NICKEL	9.21	J	0.111	2.02	mg/kg		J	A	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-09-7	POTASSIUM	1890		13.7	101	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-23-5	SODIUM	94.3	J	16.9	101	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-31-5	TIN	10.1	U	0.222	10.1	mg/kg	J	U	B	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-32-6	TITANIUM METAL POWDER	1140		0.172	1.01	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-36-0	ANTIMONY	4.05	UJ	0.506	4.05	mg/kg	J	UJ	B, Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-38-2	ARSENIC	5.75		0.334	4.05	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-39-3	BARIUM	60.7		0.0334	1.01	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-41-7	BERYLLIUM	0.607	J	0.0678	1.01	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-42-8	BORON	1.61	J	0.839	10.1	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-43-9	CADMIUM	0.143	J	0.0334	1.01	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-47-3	CHROMIUM	19.1		0.0890	3.03	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-48-4	COBALT	4.39		0.0910	1.01	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-50-8	COPPER	8.51		0.182	2.02	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-62-2	VANADIUM (FUME OR DUST)	36.1		0.111	1.01	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-66-6	ZINC	40.9		0.202	4.05	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-67-7	ZIRCONIUM	3.5	J	0.839	5.06	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-70-2	CALCIUM METAL	1850	J	4.07	20.2	mg/kg		J	Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17723-14-0	PHOSPHORUS	121	J	0.516	10.1	mg/kg		J	Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6020A	6/9/2013	PH042	4		27440-24-6	STRONTIUM	17.2	J	0.0344	0.405	mg/kg		J	Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6020A	6/4/2013	PH042	4		27782-49-2	SELENIUM	0.405	U	0.101	0.405	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6020A	6/4/2013	PH042	4		27440-22-4	SILVER	0.0581	J	0.0202	0.202	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6020A	6/4/2013	PH042	4		27440-28-0	THALLIUM	0.239		0.0303	0.202	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	7471B	6/4/2013	PH042	4		17439-97-6	MERCURY	0.0165	U	0.0099	0.0165	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8015M	6/4/2013	PH042	4	27.29	GROCS612	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8015M	6/4/2013	PH042	4		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8015M	6/4/2013	PH042	4		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8015M	6/4/2013	PH042	4		1PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8015M	6/4/2013	PH042	4		1PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8015M	6/4/2013	PH042	4		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8270D SIM	6/10/2013	PH042	4		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8270D SIM	6/10/2013	PH042	4		1117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8270D SIM	6/10/2013	PH042	4		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8270D SIM	6/10/2013	PH042	4		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8270D SIM	6/10/2013	PH042	4		1131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8270D SIM	6/10/2013	PH042	4		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8270D SIM	6/10/2013	PH042	4		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	1613B	6/5/2013	PH042	1		167562-39-4	1,2,3,4,6,7,8-HPCDF	275		0.138	4.81	ng/kg	B			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	1613B	6/5/2013	PH042	1		170648-26-9	1,2,3,4,7,8-HXCDF	6.62		0.127	4.81	ng/kg	B			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	1613B	6/5/2013	PH042	1		172918-21-9	1,2,3,7,8,9-HXCDF	0.915	J	0.143	4.81	ng/kg	JB	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	1613B	6/5/2013	PH042	1		17CDD TEQ	TCDD TEQ	27.2		0	0	ng/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17429-90-5	ALUMINUM (FUME OR DUST)	14600		7.64	39.6	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17439-89-6	IRON	18700		3.76	39.6	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17439-92-1	LEAD	9.37		0.465	2.97	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17439-93-2	LITHIUM	18.5		0.54	4.0	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17439-95-4	MAGNESIUM	3630		1.71	9.90	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17439-96-5	MANGANESE	311		0.0822	0.990	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17439-98-7	MOLYBDENUM	1.98	U	0.168	1.98	mg/kg	J	U	B, F	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-02-0	NICKEL	12.3	J	0.109	1.98	mg/kg		J	A	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-09-7	POTASSIUM	3440		13.4	99.0	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-23-5	SODIUM	63.4	J	16.5	99.0	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-31-5	TIN	9.9	U	0.218	9.90	mg/kg	J	U	B	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-32-6	TITANIUM METAL POWDER	1020		0.168	0.990	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-36-0	ANTIMONY	3.96	UJ	0.495	3.96	mg/kg	J	UJ	B, Q	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-38-2	ARSENIC	4.67		0.327	3.96	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-39-3	BARIUM	100		0.0327	0.990	mg/kg				1786822	267092.9	-118.70619
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.608	J	0.0663	5.04	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		160851-34-5	2,3,4,6,7,8-HXCDF	0.228	J	0.0454	5.04	ng/kg	JB	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		167562-39-4	1,2,3,4,6,7,8-HPCDF	4.03	J	0.0271	5.04	ng/kg	JB	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		170648-26-9	1,2,3,4,7,8-HXCDF	0.163	J	0.0430	5.04	ng/kg	JB	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		172918-21-9	1,2,3,7,8,9-HXCDF	0.218	J	0.0529	5.04	ng/kg	JBQ	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		17CDD TEQ	TCDD TEQ	0.56		0	0	ng/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17429-90-5	ALUMINUM (FUME OR DUST)	13600		7.84	40.7	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17439-89-6	IRON	17800		3.86	40.7	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17439-92-1	LEAD	7.26		0.478	3.05	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17439-93-2	LITHIUM	18.2		0.56	4.1	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17439-95-4	MAGNESIUM	3420		1.76	10.2	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17439-96-5	MANGANESE	316	J	0.0844	1.02	mg/kg		J	E	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17439-98-7	MOLYBDENUM	2.03	U	0.173	2.03	mg/kg	J	U	F	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-02-0	NICKEL	11.2		0.112	2.03	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-09-7	POTASSIUM	3290	J	13.7	102	mg/kg		J	Q	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-23-5	SODIUM	74.5	J	17.0	102	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-31-5	TIN	10.2	U	0.224	10.2	mg/kg	J	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-32-6	TITANIUM METAL POWDER	1040		0.173	1.02	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-36-0	ANTIMONY	4.07	UJ	0.508	4.07	mg/kg	J	UJ	B, Q	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-38-2	ARSENIC	4.83		0.335	4.07	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-39-3	BARIUM	97.4		0.0335	1.02	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-41-7	BERYLLIUM	0.545	J	0.0681	1.02	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-42-8	BORON	2.52	J	0.844	10.2	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-43-9	CADMIUM	0.307	J	0.0335	1.02	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-47-3	CHROMIUM	18.1		0.0895	3.05	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-48-4	COBALT	5.41	J	0.0915	1.02	mg/kg		J	E	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-50-8	COPPER	10.2		0.183	2.03	mg/kg				1786602	266995.6	-118.70691

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	8270D SIM	6/10/2013	PH043	2.6		185-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	8270D SIM	6/10/2013	PH043	2.6		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.2	18	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	8270D SIM	6/10/2013	PH043	2.6		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	8270D SIM	6/10/2013	PH043	2.6		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	8270D SIM	6/10/2013	PH043	2.6		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	8270D SIM	6/10/2013	PH043	2.6		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	9045M	5/31/2013	PH043	2.6		1pH	PH	6.15		0.0100	0.0100	pH unit				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	160.3M	6/4/2013	PH043	4.2		1MOIST	MOISTURE	4.2		0.10	0.10	%				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		11746-01-6	2,3,7,8-TCDD	1.03	U	0.0344	1.03	ng/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.136	J	0.0211	5.17	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		13268-87-9	OCDD	10.3	U	0.0273	10.3	ng/kg	JBQ	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.17	U	0.0249	5.17	ng/kg	JB	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		139001-02-0	OCDF	10.3	U	0.0327	10.3	ng/kg	JBQ	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.17	U	0.0196	5.17	ng/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.17	U	0.0339	5.17	ng/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.03	U	0.0285	1.03	ng/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.0311	J	0.0131	5.17	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		157117-31-4	2,3,4,7,8-PECDF	5.17	U	0.0150	5.17	ng/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.0531	J	0.0158	5.17	ng/kg	JQ	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		157117-44-9	1,2,3,6,7,8-HXCDF	5.17	U	0.0131	5.17	ng/kg	JBQ	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0465	J	0.0210	5.17	ng/kg	JQ	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		160851-34-5	2,3,4,6,7,8-HXCDF	5.17	U	0.0121	5.17	ng/kg	JBQ	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.17	U	0.00924	5.17	ng/kg	JB	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		170648-26-9	1,2,3,4,7,8-HXCDF	5.17	U	0.0131	5.17	ng/kg	JBQ	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		172918-21-9	1,2,3,7,8,9-HXCDF	5.17	U	0.0147	5.17	ng/kg	JB	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		1TCDD TEQ	TCDD TEQ	0.0217		0	0	ng/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17429-90-5	ALUMINUM (FUME OR DUST)	19700		7.97	41.3	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17439-89-6	IRON	23800		3.93	41.3	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17439-92-1	LEAD	6.8		0.486	3.10	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17439-93-2	LITHIUM	26		0.57	4.1	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17439-95-4	MAGNESIUM	4360		1.79	10.3	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17439-96-5	MANGANESE	326	J	0.0858	1.03	mg/kg		J	E	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17439-98-7	MOLYBDENUM	2.07	U	0.176	2.07	mg/kg	J	U	F	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-02-0	NICKEL	12.5		0.114	2.07	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-09-7	POTASSIUM	2780	J	14.0	103	mg/kg		J	Q	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-23-5	SODIUM	88.5	J	17.3	103	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-31-5	TIN	10.3	U	0.227	10.3	mg/kg	J	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-32-6	TITANIUM METAL POWDER	1270		0.176	1.03	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-36-0	ANTIMONY	4.13	UJ	0.517	4.13	mg/kg	J	UJ	B, Q	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-38-2	ARSENIC	5.38		0.341	4.13	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-39-3	BARIUM	96		0.0341	1.03	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-41-7	BERYLLIUM	0.781	J	0.0692	1.03	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-42-8	BORON	2.18	J	0.858	10.3	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-43-9	CADMIUM	0.207	J	0.0341	1.03	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-47-3	CHROMIUM	22.5		0.0909	3.10	mg/kg</						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		1206-44-0	FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		1218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		150-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		183-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		184-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		184-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		185-01-8	PHENANTHRENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		186-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		191-20-3	NAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	9045M	6/6/2013	PH047	4.7		1pH	PH	6.75		0.0100	0.0100	pH unit				1786319	266874.8	-118.70785
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	160.3M	6/11/2013	PH047	1.4		1MOIST	MOISTURE	1.4		0.10	0.10	%				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		11746-01-6	2,3,7,8-TCDD	0.99	U	0.0291	0.990	ng/kg	JB	U	B	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.45	J	0.0319	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		13268-87-9	OCDD	676		0.0377	9.90	ng/kg	B			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35.4		0.0573	4.95	ng/kg	B			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		139001-02-0	OCDF	11.6		0.0222	9.90	ng/kg	B			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.575	J	0.0315	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.362	J	0.0342	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.257	J	0.0412	0.990	ng/kg	J	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.303	J	0.0263	4.95	ng/kg	JBQ	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		157117-31-4	2,3,4,7,8-PECDF	0.37	J	0.0190	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.514	J	0.0192	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		157117-44-9	1,2,3,6,7,8-HXCDF	0.255	J	0.0207	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.56	J	0.0340	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		160851-34-5	2,3,4,6,7,8-HXCDF	0.301	J	0.0214	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	3.95	J	0.0131	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		170648-26-9	1,2,3,4,7,8-HXCDF	0.242	J	0.0238	4.95	ng/kg	JBQ	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		172918-21-9	1,2,3,7,8,9-HXCDF	0.303	J	0.0266	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		1TCDD TEQ	TCDD TEQ	1.63		0	0	ng/kg				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	6010C	6/13/2013	PH047	1.4		17440-70-2	CALCIUM METAL	2360		4.04	20.1	mg/kg				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	6010C	6/14/2013	PH047	1.4		57440-50-8	COPPER	11.6		0.904	10.0	mg/kg				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	6010C	6/12/2013	PH047	1.4		17429-90-5	ALUMINUM (FUME OR DUST)	14800		7.74	40.2	mg/kg				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	6010C	6/12/2013	PH047	1.4		17439-89-6	IRON	20700		3.82	40.2	mg/kg				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	6010C	6/12/2013	PH047	1.4		17439-92-1	LEAD	11.7		0.472	3.01	mg/kg				1786380	266947.2	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1191-24-2	BENZO(G,H,I)PERYLENE	0.82	J	0.68	1.7	ug/kg	J	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1205-99-2	BENZO(B)FLUORANTHENE	2.1		0.68	1.7	ug/kg				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1206-44-0	FLUORANTHENE	2.7		0.68	1.7	ug/kg				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1207-08-9	BENZO(K)FLUORANTHENE	0.79	J	0.68	1.7	ug/kg	J	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		1218-01-9	Chrysene	9.2		0.34	1.7	ug/kg				1786077	267113.1	-118.70865
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		150-32-8	BENZO(A)PYRENE	1	J	0.68	1.7	ug/kg	J	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		156-55-3	BENZO(A)ANTHRACENE	1.1	J	0.68	1.7	ug/kg	J	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		185-01-8	PHENANTHRENE	1.3	J	0.68	1.7	ug/kg	J	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	9045M	6/6/2013	PH047	1.4		1pH	PH	6.41		0.0100	0.0100	pH unit				1786380	266947.2	-118.70765
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	160.3M	6/11/2013	PH047	2.2		1MOIST	MOISTURE	2.2		0.10	0.10	%				1786441	266923.3	-118.70745
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8015M	6/21/2013	PH057	0.67		1PHCC12C14	EFH (C12-C14)	5	U	2.0	5.0	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8015M	6/21/2013	PH057	0.67		1PHCC15C20	EFH (C15-C20)	5	U	2.0	5.0	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8015M	6/21/2013	PH057	0.67		1PHCC21C30	EFH (C21-C30)	8.1	J	2.0	5.0	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8015M	6/21/2013	PH057	0.67		1PHCC30C40	EFH (C30-C40)	22		4.0	10	mg/kg				1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8015M	6/21/2013	PH057	0.67		1PHCC8C11	EFH (C8-C11)	5	U	2.0	5.0	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		11096-82-5	Aroclor 1260	17	U	3.9	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		111097-69-1	Aroclor 1254	17	U	4.4	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		111100-14-4	Aroclor 1268	17	U	3.3	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		111104-28-2	Aroclor 1221	17	U	5.1	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		111126-42-4	Aroclor 5460	33	U	10	33	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		111141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		112642-23-8	Aroclor 5442	33	UJ	10	33	ug/kg	U	UJ	C	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8270D SIM	6/23/2013	PH057	0.67		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	5.9	18	ug/kg	J	U	F	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8270D SIM	6/23/2013	PH057	0.67		1117-84-0	Di-n-octylphthalate	18	U	5.9	18	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8270D SIM	6/23/2013	PH057	0.67		1120-12-7	ANTHRACENE	1.7	U	0.33	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8270D SIM	6/23/2013	PH057	0.67		1129-00-0	PYRENE	2.6	J	0.66	1.7	ug/kg		J	FD	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8270D SIM	6/23/2013	PH057	0.67		1131-11-3	DIMETHYL PHTHALATE	18	U	5.9	18	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8270D SIM	6/23/2013	PH057	0.67		1191-24-2	BENZO(G,H,I)PERYLENE	0.72	J	0.66	1.7	ug/kg	J	J	FD, Z	1786856	267386.	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	1613B	6/26/2013	PH057	8.7		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.4	U	0.0112	5.40	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	1613B	6/26/2013	PH057	8.7		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.4	U	0.0119	5.40	ng/kg	JB	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	1613B	6/26/2013	PH057	8.7		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.4	U	0.0145	5.40	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	1613B	6/26/2013	PH057	8.7		1	72918-21-9	1,2,3,7,8,9-HXCDF	5.4	U	0.0159	5.40	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	1613B	6/26/2013	PH057	8.7		1	TCDD TEQ	TCDD TEQ	0.0394		0					1786856	267386.7	-118.70608	
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7429-90-5	ALUMINUM (FUME OR DUST)	20400	J	7.74	43.0	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7439-89-6	IRON	24400	J	3.89	43.0	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7439-92-1	LEAD	7.62	J	0.537	3.22	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7439-93-2	LITHIUM	27.1	J	0.37	4.3	mg/kg		J	Q, E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7439-95-4	MAGNESIUM	4680	J	1.79	10.7	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7439-96-5	MANGANESE	362	J	0.0891	1.07	mg/kg		J	A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7439-98-7	MOLYBDENUM	2.15	UJ	0.183	2.15	mg/kg	J	UJ	F, B, Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-02-0	NICKEL	13.9	J	0.140	2.15	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-09-7	POTASSIUM	2210	J	8.96	107	mg/kg		J	Q, E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-23-5	SODIUM	103	J	17.9	107	mg/kg	J	J	Q, E, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-31-5	TIN	10.7	UJ	0.236	10.7	mg/kg	J	UJ	B, Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-32-6	TITANIUM METAL POWDER	1230	J	0.183	1.07	mg/kg		J	A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-36-0	ANTIMONY	4.3	UJ	0.795	4.30	mg/kg	U	UJ	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-38-2	ARSENIC	3.64	J	0.752	4.30	mg/kg	J	J	Q, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-39-3	BARIUM	93.5	J	0.0354	1.07	mg/kg		J	Q, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-41-7	BERYLLIUM	0.727	J	0.0719	1.07	mg/kg	J	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-42-8	BORON	3.38	J	0.902	10.7	mg/kg	J	J	Q, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-43-9	CADMIUM	1.07	UJ	0.0816	1.07	mg/kg	U	UJ	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-47-3	CHROMIUM	25.4	J	0.172	3.22	mg/kg		J	Q, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-48-4	COBALT	6.67	J	0.106	1.07	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-50-8	COPPER	9.72	J	0.311	2.15	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-62-2	VANADIUM (FUME OR DUST)	42.9	J	0.140	1.07	mg/kg		J	Q, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-66-6	ZINC	50.9	J	0.215	4.30	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-67-7	ZIRCONIUM	1.46	J	0.902	5.37	mg/kg	J	J	Q, E, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-70-2	CALCIUM METAL	2310	J	3.59	21.5	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7723-14-0	PHOSPHORUS	213	J	3.10	10.7	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6020A	6/27/2013	PH057	8.7		2	7782-49-2	SELENIUM	0.133	J	0.107	0.430	mg/kg	J	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6020A	6/27/2013	PH057	8.7		2	7440-22-4	SILVER	0.215	UJ	0.0279	0.215	mg/kg	J	UJ	F, Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6020A	6/27/2013	PH057	8.7		2	7440-24-6	STRONTIUM	26.4	J	0.0558	0.430	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6020A	6/27/2013	PH057	8.7		2	7440-28-0	THALLIUM	0.307		0.0322	0.215	mg/kg				1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	7471B	6/25/2013	PH057	8.7		1	7439-97-6	MERCURY	0.0181	U	0.0109	0.0181	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8015M	6/20/2013	PH057	8.7		1	PHCC12C14	EFH (C12-C14)	5.5	U	2.2	5.5	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8015M	6/20/2013	PH057	8.7		1	PHCC15C20	EFH (C15-C20)	5.5	U	2.2	5.5	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8015M	6/20/2013	PH057	8.7		1	PHCC21C30	EFH (C21-C30)	5.5	U	2.2	5.5	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8015M	6/20/2013	PH057	8.7		1	PHCC30C40	EFH (C30-C40)	11	U	4.4	11	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8015M	6/20/2013	PH057	8.7		1	PHCC8C11	EFH (C8-C11)	5.5	U	2.2	5.5	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8015M	6/19/2013	PH057	8.7	23.58	1	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8082A	6/26/2013	PH057	8.7		1	11096-82-5	Aroclor 1260	19	U	4.3	19	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8082A	6/26/2013	PH057	8.7		1	11097-69-1	Aroclor 1254	19	U	4.8	19	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17439-95-4	MAGNESIUM	4420		1.74	10.1	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17439-96-5	MANGANESE	341		0.0837	1.01	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17439-98-7	MOLYBDENUM	2.02	U	0.171	2.02	mg/kg	J	U	F	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-02-0	NICKEL	18.7		0.111	2.02	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-09-7	POTASSIUM	3590	J	13.6	101	mg/kg		J	Q	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-23-5	SODIUM	84.1	J	16.8	101	mg/kg	J	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-31-5	TIN	10.1	U	0.222	10.1	mg/kg	J	U	B	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-32-6	TITANIUM METAL POWDER	1200		0.171	1.01	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-36-0	ANTIMONY	0.773	J	0.504	4.03	mg/kg	J	J	Q, Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-38-2	ARSENIC	5.04		0.333	4.03	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-39-3	BARIUM	107		0.0333	1.01	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-41-7	BERYLLIUM	0.662	J	0.0676	1.01	mg/kg	J	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-42-8	BORON	3.45	J	0.837	10.1	mg/kg	J	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-43-9	CADMIUM	1.01	U	0.0333	1.01	mg/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-47-3	CHROMIUM	33.9		0.0888	3.03	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-48-4	COBALT	5.99		0.0908	1.01	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-50-8	COPPER	11.8		0.182	2.02	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-62-2	VANADIUM (FUME OR DUST)	38		0.111	1.01	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-66-6	ZINC	57.9		0.202	4.03	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-67-7	ZIRCONIUM	3.55	J	0.837	5.04	mg/kg	J	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-70-2	CALCIUM METAL	2240	J	4.05	20.2	mg/kg		J	Q	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17723-14-0	PHOSPHORUS	377		0.514	10.1	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6020A	6/19/2013	PH053	2.8		27782-49-2	SELENIUM	0.12	J	0.101	0.403	mg/kg	J	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6020A	6/19/2013	PH053	2.8		27440-22-4	SILVER	0.0339	J	0.0202	0.202	mg/kg	J	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6020A	6/19/2013	PH053	2.8		27440-24-6	STRONTIUM	22.5		0.0343	0.403	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6020A	6/19/2013	PH053	2.8		27440-28-0	THALLIUM	0.245		0.0303	0.202	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	7471B	6/18/2013	PH053	2.8		17439-97-6	MERCURY	0.0167	U	0.0100	0.0167	mg/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8015M	6/18/2013	PH053	2.8		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8015M	6/18/2013	PH053	2.8		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8015M	6/18/2013	PH053	2.8		1PHCC21C30	EFH (C21-C30)	7		2.0	5.1	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8015M	6/18/2013	PH053	2.8		1PHCC30C40	EFH (C30-C40)	20		4.0	10	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8015M	6/18/2013	PH053	2.8		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		11024-57-3	HEPTACHLOR EPOXIDE	0.85	U	0.17	0.85	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		11031-07-8	ENDOSULFAN SULFATE	1.7	U	0.34	1.7	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		12385-85-5	MIREX	1.7	U	0.36	1.7	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		1309-00-2	ALDRIN	0.85	U	0.17	0.85	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		1319-84-6	ALPHA-BHC	0.85	U	0.17	0.85	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		1319-85-7	BETA-BHC	1.9	U	0.98	1.9	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		1319-86-8	DELTA-BHC	0.85	U	0.46	0.85	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		133213-65-9	ENDOSULFAN II	1.7	U	0.34	1.7	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		150-29-3	4,4'-DDT	1.7	U	0.36	1.7	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		153494-70-5	ENDRIN KETONE	1.8	U	0.61	1.8	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		157-74-9	CHLORDANE	17	U	4.1	17	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		158-89-9	gamma-BHC (Lindane)	0.85	U	0.17	0.85	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		160-57-1	DIELDRIN	1.7	U	0.34	1.7	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		172-20-8	ENDRIN	1.7	U	0.34	1.7	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1178-SA5A-SB-0.0-0.5	6/12/2013	FD	0	0.5	ft	SO	5A DG	SL-778-SA5A-SB-0.0-0.5	7091431	LL	6850	6/20/2013	PH055	3.1		114797-73-0	PERCHLORATE	5.2	U	2.2	5.2	ug/kg	U			1786281	267186.2	-118.70798
SL-778-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091428	LL	160.3M	6/18/2013	PH055	2.6		114797-73-0	MOISTURE	2.6		0.10	0.10	%				1786281	267186.2	-118.70798
SL-778-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091428	LL	6850	6/20/2013	PH055	2.6		114797-73-0	PERCHLORATE	5.1	U	2.2	5.1	ug/kg	U			1786281	267186.2	-118.70798
SL-778-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091432	LL	160.3M	6/18/2013	PH055	5.2		114797-73-0	MOISTURE	5.2		0.10	0.10	%				1786281	267186.2	-118.70798
SL-778-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091432	LL	6850	6/20/2013	PH055	5.2		114797-73-0	PERCHLORATE	5.3	U	2.2	5.3	ug/kg	U			1786281	267186.2	-118.70798
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	160.3M	6/18/2013	PH055	4.8		114797-73-0	MOISTURE	4.8		0.10	0.10	%				1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		11746-01-6	2,3,7,8-TCDD	1.04	U	0.0393	1.04	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.2	U	0.0352	5.20	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		113268-87-9	OCDD	94.2		0.0487	10.4	ng/kg	B			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	3.55	J	0.0625	5.20	ng/kg	JB	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1139001-02-0	OCDF	10.4	U	0.0441	10.4	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.2	U	0.0316	5.20	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.2	U	0.0444	5.20	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.04	U	0.0354	1.04	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1155673-89-7	1,2,3,4,7,8,9-HPCDF	5.2	U	0.0283	5.20	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1157117-31-4	2,3,4,7,8-PECDF	5.2	U	0.0237	5.20	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.2	U	0.0232	5.20	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1157117-44-9	1,2,3,6,7,8-HXCDF	5.2	U	0.0183	5.20	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.2	U	0.0355	5.20	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1160851-34-5	2,3,4,6,7,8-HXCDF	5.2	U	0.0174	5.20	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1167562-39-4	1,2,3,4,6,7,8-HPCDF	5.2	U	0.0155	5.20	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1170648-26-9	1,2,3,4,7,8-HXCDF	5.2	U	0.0208	5.20	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1172918-21-9	1,2,3,7,8,9-HXCDF	5.2	U	0.0248	5.20	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1172918-21-9	1,2,3,7,8,9-HXCDF	5.2	U	0.0248	5.20	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	6010C	6/17/2013	PH055	4.8		117429-90-5	ALUMINUM (FUME OR DUST)	16900		8.02	41.6	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	6010C	6/17/2013	PH055	4.8		117439-89-6	IRON	20100		3.95	41.6	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	6010C	6/17/2013	PH055	4.8		117439-92-1	LEAD	5.34		0.489	3.12	mg/kg				1786377	267128.1	-118.70766
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117439-96-5	MANGANESE	318		0.0859	1.04	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117439-98-7	MOLYBDENUM	2.07	U	0.176	2.07	mg/kg	J	U	F, B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-02-0	NICKEL	14		0.114	2.07	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-09-7	POTASSIUM	1810		14.0	104	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-23-5	SODIUM	158		17.3	104	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-31-5	TIN	10.4	U	0.228	10.4	mg/kg	J	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-32-6	TITANIUM METAL POWDER	1250		0.176	1.04	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-36-0	ANTIMONY	4.14	UJ	0.518	4.14	mg/kg	U	UJ	Q	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-38-2	ARSENIC	5.06		0.342	4.14	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-39-3	BARIUM	101		0.0342	1.04	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-41-7	BERYLLIUM	0.834	J	0.0694	1.04	mg/kg	J	J	Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-42-8	BORON	3.66	J	0.859	10.4	mg/kg	J	J	Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-43-9	CADMIUM	1.04	U	0.0342	1.04	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-47-3	CHROMIUM	26		0.0911	3.11	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-48-4	COBALT	5.5		0.0932	1.04	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-50-8	COPPER	7.4	J	0.186	2.07	mg/kg		J	A	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-62-2	VANADIUM (FUME OR DUST)	41.7		0.114	1.04	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-66-6	ZINC											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8015M	6/18/2013	PH055	3.7		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8015M	6/18/2013	PH055	3.7		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8015M	6/18/2013	PH055	3.7		1PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8015M	6/18/2013	PH055	3.7		1PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8015M	6/18/2013	PH055	3.7		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8015M	6/18/2013	PH055	3.7	24.56	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	7471B	6/16/2013	PH055	3.7		17439-97-6	MERCURY	0.0172	U	0.0103	0.0172	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6020A	6/17/2013	PH055	3.7		27440-22-4	SILVER	0.204	U	0.0204	0.204	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6020A	6/17/2013	PH055	3.7		27440-24-6	STRONTIUM	21	J	0.0346	0.407	mg/kg		J	E, Q, A	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6020A	6/17/2013	PH055	3.7		27440-28-0	THALLIUM	0.322	J	0.0305	0.204	mg/kg		J	Q	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6020A	6/17/2013	PH055	3.7		27782-49-2	SELENIUM	0.121	J	0.102	0.407	mg/kg	J	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17429-90-5	ALUMINUM (FUME OR DUST)	12800		7.85	40.7	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17439-89-6	IRON	18900		3.87	40.7	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17439-92-1	LEAD	3.04	J	0.478	3.05	mg/kg	J	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17439-93-2	LITHIUM	28.8		0.56	4.1	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17439-95-4	MAGNESIUM	4310		1.76	10.2	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17439-96-5	MANGANESE	343		0.0845	1.02	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17439-98-7	MOLYBDENUM	2.04	U	0.173	2.04	mg/kg	J	U	F, B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-02-0	NICKEL	9.55		0.112	2.04	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-09-7	POTASSIUM	2220		13.7	102	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-23-5	SODIUM	108		17.0	102	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-31-5	TIN	10.2	U	0.224	10.2	mg/kg	J	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-32-6	TITANIUM METAL POWDER	1350		0.173	1.02	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-36-0	ANTIMONY	4.07	UJ	0.509	4.07	mg/kg	U	UJ	Q	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-38-2	ARSENIC	5.52		0.336	4.07	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-39-3	BARIUM	69.8		0.0336	1.02	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-41-7	BERYLLIUM	0.581	J	0.0682	1.02	mg/kg	J	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-42-8	BORON	2.26	J	0.845	10.2	mg/kg	J	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-43-9	CADMIUM	1.02	U	0.0336	1.02	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-47-3	CHROMIUM	16.2		0.0896	3.05	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-48-4	COBALT	4.89		0.0916	1.02	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-50-8	COPPER	5.74	J	0.183	2.04	mg/kg		J	A	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-62-2	VANADIUM (FUME OR DUST)	33.5		0.112	1.02	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft																							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17429-90-5	ALUMINUM (FUME OR DUST)	18400		8.03	41.7	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17439-89-6	IRON	23400		3.96	41.7	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17439-92-1	LEAD	6.39		0.490	3.13	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17439-93-2	LITHIUM	22.9		0.57	4.2	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17439-95-4	MAGNESIUM	4560		1.80	10.4	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17439-96-5	MANGANESE	130		0.0865	1.04	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17439-98-7	MOLYBDENUM	2.08	U	0.177	2.08	mg/kg	J	U	F	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-02-0	NICKEL	8.79		0.115	2.08	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-09-7	POTASSIUM	1520	J	14.1	104	mg/kg		J	Q	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-23-5	SODIUM	895		17.4	104	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-31-5	TIN	10.4	U	0.229	10.4	mg/kg	J	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-32-6	TITANIUM METAL POWDER	1090		0.177	1.04	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-36-0	ANTIMONY	0.735	J	0.521	4.17	mg/kg	J	J	Q, Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-38-2	ARSENIC	6.93		0.344	4.17	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-39-3	BARIUM	58.2		0.0344	1.04	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-41-7	BERYLLIUM	0.716	J	0.0698	1.04	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-42-8	BORON	2.53	J	0.865	10.4	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-43-9	CADMIUM	1.04	U	0.0344	1.04	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-47-3	CHROMIUM	21.1		0.0917	3.13	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-48-4	COBALT	3.3		0.0938	1.04	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-50-8	COPPER	8.65		0.188	2.08	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-62-2	VANADIUM (FUME OR DUST)	37.8		0.115	1.04	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-66-6	ZINC	41.8		0.208	4.17	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-67-7	ZIRCONIUM	3.14	J	0.865	5.21	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-70-2	CALCIUM METAL	1620	J	4.19	20.8	mg/kg		J	Q	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17723-14-0	PHOSPHORUS	115		0.531	10.4	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6020A	6/19/2013	PH052	6.8		27440-22-4	SILVER	0.0319	J	0.0208	0.208	mg/kg	J	J	FD, Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6020A	6/19/2013	PH052	6.8		27440-24-6	STRONTIUM	18.8		0.0354	0.417	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6020A	6/19/2013	PH052	6.8		27440-28-0	THALLIUM	0.263		0.0313	0.208	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6020A	6/19/2013	PH052	6.8		27782-49-2	SELENIUM	0.417	U	0.104	0.417	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	7471B	6/18/2013	PH052	6.8		17439-97-6	MERCURY	0.0177	U	0.0106	0.0177	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8015M	6/18/2013	PH052	6.8		1PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8015M	6/18/2013	PH052	6.8		1PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8015M	6/18/2013	PH052	6.8		1PHCC21C30	EFH (C21-C30)	5.3	U	2.1	5.3	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8015M	6/18/2013	PH052	6.8		1PHCC30C40	EFH (C30-C40)	11	U	4.2	11	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8015M	6/18/2013	PH052	6.8		1PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		11024-57-3	HEPTACHLOR EPOXIDE	0.89	U	0.18	0.89	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		11031-07-8	ENDOSULFAN SULFATE	1.8	U	0.35	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		12385-85-5	MIREX	1.8	U	0.38	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		1309-00-2	ALDRIN	0.89	U	0.18	0.89	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		1319-84-6	ALPHA-BHC	0.89	U	0.18	0.89	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		1319-85-7	BETA-BHC	2	U	1.0	2.0	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		1319-86-8	DELTA-BHC	0.89	U	0.48	0.89	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		133213-65-9	ENDOSULFAN II	1.8	U	0.35	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		150-29-3	4,4'-DDT	1.8	U	0.38	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		153494-70-5	ENDRIN KETONE	1.9	U	0.64	1.9	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8270D SIM	6/20/2013	PH052	6.8		191-20-3	NAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8270D SIM	6/20/2013	PH052	6.8		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	9045M	6/11/2013	PH052	6.8		pH	PH	7.86		0.0100	0.0100	pH unit				1786150	267130.4	-118.70841
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	160.3M	6/12/2013	PH051	1.2		1MOIST	MOISTURE	1.2		0.10	0.10	%				1786704	267170.3	-118.70658
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		1205-99-2	BENZO(B)FLUORANTHENE	1.1	J	0.67	1.7	ug/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		1206-44-0	FLUORANTHENE	1.4	J	0.67	1.7	ug/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.33	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		1218-01-9	Chrysene	1.5	J	0.33	1.7	ug/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		150-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		184-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		184-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		185-01-8	PHENANTHRENE	1.1	J	0.67	1.7	ug/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17440-66-6	ZINC	72.4		0.204	4.08	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17440-67-7	ZIRCONIUM	2.85	J	0.846	5.10	mg/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17440-70-2	CALCIUM METAL	3130	J	4.10	20.4	mg/kg		J	Q	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17723-14-0	PHOSPHORUS	683	J	0.520	10.2	mg/kg		J	Q	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6020A	6/9/2013	PH044	2.9		27440-24-6	STRONTIUM	25.1	J	0.0347	0.408	mg/kg		J	Q	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6020A	6/4/2013	PH044	2.9		27782-49-2	SELENIUM	0.168	J	0.102	0.408	mg/kg	J	J	E, Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6020A	6/4/2013	PH044	2.9		27440-22-4	SILVER	0.0528	J	0.0204	0.204	mg/kg	J	J	E, Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6020A	6/4/2013	PH044	2.9		27440-28-0	THALLIUM	0.268		0.0306	0.204	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	7471B	6/11/2013	PH044	2.9		17439-97-6	MERCURY	0.0158	J	0.0099	0.0165	mg/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8015M	6/8/2013	PH044	2.9		1PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8015M	6/8/2013	PH044	2.9		1PHCC15C20	EFH (C15-C20)	2.5	J	2.1	5.1	mg/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8015M	6/8/2013	PH044	2.9		1PHCC21C30	EFH (C21-C30)	22		2.1	5.1	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8015M	6/8/2013	PH044	2.9		1PHCC30C40	EFH (C30-C40)	42		4.1	10	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8015M	6/8/2013	PH044	2.9		1PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1129-00-0	PYRENE	0.97	J	0.69	1.7	ug/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1205-99-2	BENZO(B)FLUORANTHENE	1.6	J	0.69	1.7	ug/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1206-44-0	FLUORANTHENE	1.3	J	0.69	1.7	ug/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786510	26683	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17429-90-5	ALUMINUM (FUME OR DUST)	15300		7.76	40.3	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17439-89-6	IRON	20800		3.83	40.3	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17439-92-1	LEAD	6.56		0.473	3.02	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17439-93-2	LITHIUM	19.3		0.55	4.0	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17439-95-4	MAGNESIUM	4100		1.74	10.1	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17439-96-5	MANGANESE	281		0.0836	1.01	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17439-98-7	MOLYBDENUM	2.01	U	0.171	2.01	mg/kg	J	U	B, F	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-02-0	NICKEL	12.9	J	0.111	2.01	mg/kg		J	A	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-09-7	POTASSIUM	4040		13.6	101	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-23-5	SODIUM	68.6	J	16.8	101	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-31-5	TIN	10.1	U	0.222	10.1	mg/kg	J	U	B	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-32-6	TITANIUM METAL POWDER	1140		0.171	1.01	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-36-0	ANTIMONY	4.03	UJ	0.503	4.03	mg/kg	J	UJ	B, Q	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-38-2	ARSENIC	4.41		0.332	4.03	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-39-3	BARIUM	103		0.0332	1.01	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-41-7	BERYLLIUM	0.616	J	0.0675	1.01	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-42-8	BORON	3.37	J	0.836	10.1	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-43-9	CADMIUM	0.321	J	0.0332	1.01	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-47-3	CHROMIUM	21.7		0.0886	3.02	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-48-4	COBALT	6.05		0.0906	1.01	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-50-8	COPPER	11.9		0.181	2.01	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-62-2	VANADIUM (FUME OR DUST)	35.8		0.111	1.01	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-66-6	ZINC	58.3		0.201	4.03	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-67-7	ZIRCONIUM	3.32	J	0.836	5.03	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-70-2	CALCIUM METAL	1590	J	4.05	20.1	mg/kg		J	Q	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17723-14-0	PHOSPHORUS	401	J	0.513	10.1	mg/kg		J	Q	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6020A	6/9/2013	PH044	4.5		27440-24-6	STRONTIUM	18.5	J	0.0342	0.403	mg/kg		J	Q	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6020A	6/4/2013	PH044	4.5		27782-49-2	SELENIUM	0.15	J	0.101	0.403	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6020A	6/4/2013	PH044	4.5		27440-22-4	SILVER	0.0398	J	0.0201	0.201	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6020A	6/4/2013	PH044	4.5		27440-28-0	THALLIUM	0.261		0.0302	0.201	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	7471B	6/11/2013	PH044	4.5		17439-97-6	MERCURY	0.0123	J	0.0100	0.0167	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8015M	6/8/2013	PH044	4.5		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8015M	6/8/2013	PH044	4.5		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8015M	6/8/2013	PH044	4.5		1PHCC21C30	EFH (C21-C30)	7.3	J	2.1	5.2	mg/kg		J	Q	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8015M	6/8/2013	PH044	4.5		1PHCC30C40	EFH (C30-C40)	18	J	4.2	10	mg/kg		J	Q	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8015M	6/8/2013	PH044	4.5		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1129-00-0	PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1191-24-2	BENZO(C,H,I)PERYLENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1205-99-2	BENZO(B)FLUORANTHENE	1.7	UJ	0.70	1.7	ug/kg	U	UJ	FD	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1206-44-0	FLUORANTHENE	1.7	UJ	0.70	1.7	ug/kg	U	UJ	FD	1786629	266926.4	-118.706

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	160.3M	6/13/2013	PH054	2.9		1	MOIST	MOISTURE	2.9		0.10	0.10	%				1786260	266959.9	-118.70805
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	9045M	6/12/2013	PH054	2.9		1	pH	PH	6.47		0.0100	0.0100	pH unit				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	9.5	J	6.2	19	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	117-84-0	Di-n-octylphthalate	7.9	J	6.2	19	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	120-12-7	ANTHRACENE	0.54	J	0.34	1.7	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	129-00-0	PYRENE	2.5		0.69	1.7	ug/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	191-24-2	BENZO(G,H,I)PERYLENE	0.74	J	0.69	1.7	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	205-99-2	BENZO(B)FLUORANTHENE	4.1		0.69	1.7	ug/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	206-44-0	FLUORANTHENE	3.4		0.69	1.7	ug/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	207-08-9	BENZO(K)FLUORANTHENE	0.76	J	0.69	1.7	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8270D SIM	6/28/2013	PH058	2.3		1	218-01-9	Chrysene	3.5		0.34	1.7	ug/kg				1786397	267222.9	-118.7076
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	50-32-8	BENZO(A)PYRENE	1	J	0.69	1.7	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	56-55-3	BENZO(A)ANTHRACENE	0.8	J	0.69	1.7	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	83-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	84-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	84-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	85-01-8	PHENANTHRENE	1.6	J	0.69	1.7	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	86-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	91-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8015M	6/18/2013	PH054	2.9		1	PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8015M	6/18/2013	PH054	2.9		1	PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8015M	6/18/2013	PH054	2.9		1	PHCC21C30	EFH (C21-C30)	17		2.1	5.1	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8015M	6/18/2013	PH054	2.9		1	PHCC30C40	EFH (C30-C40)	35		4.1	10	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8015M	6/18/2013	PH054	2.9		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	7471B	6/19/2013	PH054	2.9		1	7439-97-6	MERCURY	0.0169	U	0.0101	0.0169	mg/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6020A	6/21/2013	PH054	2.9		2	7440-22-4	SILVER	0.0451	J	0.0198	0.198	mg/kg	J	J	Q, Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6020A	6/21/2013	PH054	2.9		2	7440-24-6	STRONTIUM	19.8	J	0.0337	0.396	mg/kg		J	Q	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6020A	6/21/2013	PH054	2.9		2	7440-28-0	THALLIUM	0.256	J	0.0297	0.198	mg/kg		J	Q	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6020A	6/21/2013	PH054	2.9		2	7782-49-2	SELENIUM	0.131	J	0.0990	0.396	mg/kg	J	J	Q, Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6010C	6/19/2013	PH054	2.9		1	7429-90-5	ALUMINUM (FUME OR DUST)	14000		7.63	39.6	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6010C	6/19/2013	PH054	2.9		1	7439-89-6	IRON	19700		3.76	39.6	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6010C	6/19/2013	PH054	2.9		1	7439-93-2	LITHIUM	21.1		0.54	4.0	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6010C	6/19/2013	PH054	2.9		1	7439-95-4	MAGNESIUM	4020		1.71	9.90	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6010C	6/19/2013	PH054	2.9		1	7439-96-5	MANGANESE	299		0.0822	0.990	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6010C	6/19/2013	PH054	2.9		1	7439-98-7	MOLYBDENUM	1.98	U	0.168	1.98	mg/kg	J	U	F, B	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6010C	6/19/2013	PH054	2.9		1	7440-02-0	NICKEL	12		0.109	1.98	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5																													

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	1613B	6/21/2013	PH054	2.9		1	TCDD TEQ	TCDD TEQ	2.37		0	0	ng/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	160.3M	6/13/2013	PH054	2.9		1	MOIST	MOISTURE	2.9		0.10	0.10	%				1786198	267032.1	-118.70825
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	9045M	6/12/2013	PH054	1.3		1	pH	PH	6.22		0.0100	0.0100	pH unit				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	100		6.1	18	ug/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	117-84-0	Di-n-octylphthalate	32		6.1	18	ug/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	120-12-7	ANTHRACENE	0.52	J	0.34	1.7	ug/kg	J	J	Z	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	129-00-0	PYRENE	4		0.68	1.7	ug/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	205-99-2	BENZO(B)FLUORANTHENE	2.1		0.68	1.7	ug/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	206-44-0	FLUORANTHENE	5		0.68	1.7	ug/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	83-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	84-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	85-01-8	PHENANTHRENE	2.1		0.68	1.7	ug/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	85-68-7	BENZYL BUTYL PHTHALATE	71		6.1	18	ug/kg				1786301	267005.4	-118.70791
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	1746-01-6	2,3,7,8-TCDD	1.06	U	0.0382	1.06	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.245	J	0.0458	5.30	ng/kg	JBQ	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	3268-87-9	OCDD	23.4		0.0447	10.6	ng/kg	B			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.67	J	0.0634	5.30	ng/kg	JB	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	39001-02-0	OCDF	0.401	J	0.0421	10.6	ng/kg	JB	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.3	U	0.0458	5.30	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.3	U	0.0506	5.30	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.06	U	0.0312	1.06	ng/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.3	U	0.0299	5.30	ng/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	57117-31-4	2,3,4,7,8-PECDF	5.3	U	0.0279	5.30	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.3	U	0.0273	5.30	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	57117-44-9	1,2,3,6,7,8-HXCDF	5.3	U	0.0168	5.30	ng/kg	JB	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.3	U	0.0503	5.30	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.3	U	0.0164	5.30	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.224	J	0.0229	5.30	ng/kg	JBQ	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.3	U	0.0185	5.30	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	72918-21-9	1,2,3,7,8,9-HXCDF	5.3	U	0.0194	5.30	ng/kg	JB	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	TCDD TEQ	TCDD TEQ	0.0364		0	0	ng/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	6010C	6/21/2013	PH059	6.8		1	7429-90-5	ALUMINUM (FUME OR DUST)	22300		7.51	41.7	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5																						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1117-84-0	Di-n-octylphthalate	19	U	6.4	19	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1129-00-0	PYRENE	0.82	J	0.71	1.8	ug/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1131-11-3	DIMETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1206-44-0	FLUORANTHENE	0.72	J	0.71	1.8	ug/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1218-01-9	Chrysene	0.42	J	0.35	1.8	ug/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		150-32-8	BENZO(A)PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		183-32-9	ACENAPHTHENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		184-66-2	DIETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		184-74-2	Di-n-butylphthalate	19	U	6.4	19	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		185-01-8	PHENANTHRENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		186-73-7	FLUORENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		191-20-3	NAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	9045M	6/19/2013	PH059	6.8		1pH	PH	6.38		0.0100	0.0100	pH unit				1786800	267452.5	-118.70627
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	160.3M	6/25/2013	PH060	1.6		1MOIST	MOISTURE	1.6		0.10	0.10	%				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	7/2/2013	PH060	1.6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.07		0.0812	1.00	ng/kg	BC			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		11746-01-6	2,3,7,8-TCDD	0.723	J	0.0664	1.00	ng/kg	JQ	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	19.9		0.0897	5.02	ng/kg	B			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		13268-87-9	OCDD	14700	J	0.152	10.0	ng/kg	BE	J	*#	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	658		0.284	5.02	ng/kg	B			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		139001-02-0	OCDF	120		0.0520	10.0	ng/kg	B			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	9.28		0.0863	5.02	ng/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.54		0.164	5.02	ng/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		155673-89-7	1,2,3,4,7,8,9-HPCDF	2.12	J	0.0589	5.02	ng/kg	JB	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		157117-31-4	2,3,4,7,8-PECDF	2.67	J	0.0667	5.02	ng/kg	JB	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	1.72	J	0.0678	5.02	ng/kg	JB	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		157117-44-9	1,2,3,6,7,8-HXCDF	1.58	J	0.0612	5.02	ng/kg	JB	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	24.5		0.0914	5.02	ng/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		160851-34-5	2,3,4,6,7,8-HXCDF	2.01	J	0.0596	5.02	ng/kg	J	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		167562-39-4	1,2,3,4,6,7,8-HPCDF	35.6		0.0500	5.02	ng/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		170648-26-9	1,2,3,4,7,8-HXCDF	2.93	J	0.0610	5.02	ng/kg	JB	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		172918-21-9	1,2,3,7,8,9-HXCDF	1.04	J	0.0676	5.02	ng/kg	J	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		1TCDD TEQ	TCDD TEQ	24		0	0	ng/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5																								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		184-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		184-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	9045M	6/20/2013	PH060	4		1pH	PH	6.92		0.0100	0.0100	pH unit				1786877	267461.2	-118.70602
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	160.3M	6/25/2013	PH061	2.3		1MOIST	MOISTURE	2.3		0.10	0.10	%				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		11746-01-6	2,3,7,8-TCDD	0.0729	J	0.0286	1.02	ng/kg	JQ	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	2.78	J	0.0536	5.09	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		13268-87-9	OCDD	2230		0.0756	10.2	ng/kg	B			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	125		0.114	5.09	ng/kg	B			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		139001-02-0	OCDF	27.9		0.0267	10.2	ng/kg	B			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.74	J	0.0536	5.09	ng/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.746	J	0.0644	5.09	ng/kg	JQ	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.328	J	0.0656	1.02	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.867	J	0.0383	5.09	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		157117-31-4	2,3,4,7,8-PECDF	0.702	J	0.0441	5.09	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.958	J	0.0456	5.09	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		157117-44-9	1,2,3,6,7,8-HXCDF	0.852	J	0.0448	5.09	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	3.73	J	0.0563	5.09	ng/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		160851-34-5	2,3,4,6,7,8-HXCDF	0.978	J	0.0411	5.09	ng/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		167562-39-4	1,2,3,4,6,7,8-HPCDF	21.4		0.0315	5.09	ng/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		170648-26-9	1,2,3,4,7,8-HXCDF	1.24	J	0.0449	5.09	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		172918-21-9	1,2,3,7,8,9-HXCDF	5.09	U	0.0478	5.09	ng/kg	UQ			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		1TCDD TEQ	TCDD TEQ	3.55		0	0	ng/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17429-90-5	ALUMINIUM (FUME OR DUST)	22100		7.16	39.7	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17439-89-6	IRON	24100		3.60	39.7	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17439-92-1	LEAD	11.1		0.497	2.98	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17439-93-2	LITHIUM	25.3		0.34	4.0	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17439-95-4	MAGNESIUM	4870		1.66	9.94	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17439-96-5	MANGANESE	310	J	0.0825	0.994	mg/kg		J	E	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17439-98-7	MOLYBDENUM	1.99	U	0.169	1.99	mg/kg	J	U	F, B	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-02-0	NICKEL	15.6		0.129	1.99	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-09-7	POTASSIUM	3810	J	8.29	99.4	mg/kg		J	Q	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-23-5	SODIUM	93.1	J	16.6	99.4	mg/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-31-5	TIN	9.94	U	0.219	9.94	mg/kg	J	U	B	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-32-6	TITANIUM METAL POWDER	1250		0.169	0.994	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-36-0	ANTIMONY	3.97	UJ	0.735	3.97	mg/kg	U	UJ	Q	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-38-2	ARSENIC	6.86		0.696	3.97	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-39-3	BARIUM	108		0.0328	0.994	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-41-7	BERYLLIUM	0.808	J	0.0666	0.994	mg/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-42-8	BORON	9.94	U	0.835	9.94	mg/kg	J	U	B	1786914	267462.9	-118.70589
SL-867-SA5																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1083-32-9	ACENAPHTHENE	17	U	6.8	17	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1084-66-2	DIETHYL PHTHALATE	180	U	61	180	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1084-74-2	Di-n-butylphthalate	180	U	61	180	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1085-01-8	PHENANTHRENE	7.7	J	6.8	17	ug/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1085-68-7	BENZYL BUTYL PHTHALATE	180	U	61	180	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1086-73-7	FLUORENE	17	U	6.8	17	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1090-12-0	1-METHYLNAPHTHALENE	17	U	6.8	17	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1091-20-3	NAPHTHALENE	17	U	6.8	17	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1091-57-6	2-METHYLNAPHTHALENE	17	U	6.8	17	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	9045M	6/24/2013	PH061	2.3		1pH	PH	6.88		0.0100	0.0100	pH unit				1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	160.3M	6/25/2013	PH061	2.9		1MOIST	MOISTURE	2.9		0.10	0.10	%				1786914	267462.9	-118.70589
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-32-6	TITANIUM METAL POWDER	1140		0.172	1.01	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-36-0	ANTIMONY	4.06	UJ	0.507	4.06	mg/kg	U	UJ	Q	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-38-2	ARSENIC	5.58		0.335	4.06	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-39-3	BARIUM	98.1		0.0335	1.01	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-41-7	BERYLLIUM	0.647	J	0.0680	1.01	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-42-8	BORON	3.23	J	0.842	10.1	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-43-9	CADMIUM	1.01	U	0.0335	1.01	mg/kg	J	U	F	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-47-3	CHROMIUM	22.3		0.0892	3.04	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-48-4	COBALT	5.88		0.0913	1.01	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-50-8	COPPER	13.5	J	0.183	2.03	mg/kg		J	A	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-62-2	VANADIUM (FUME OR DUST)	41.4		0.112	1.01	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-66-6	ZINC	86.4		0.203	4.06	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-67-7	ZIRCONIUM	2.7	J	0.842	5.07	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-70-2	CALCIUM METAL	3130		4.08	20.3	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17723-14-0	PHOSPHORUS	467		0.517	10.1	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6020A	6/17/2013	PH050	1.4		27782-49-2	SELENIUM	0.21	J	0.101	0.406	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6020A	6/17/2013	PH050	1.4		27440-22-4	SILVER	0.113	J	0.0203	0.203	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6020A	6/17/2013	PH050	1.4		27440-24-6	STRONTIUM	25.3	J	0.0345	0.406	mg/kg		J	E, Q, A	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6020A	6/17/2013	PH050	1.4		27440-28-0	THALLIUM	0.385	J	0.0304	0.203	mg/kg		J	Q	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	7471B	6/16/2013	PH050	1.4		17439-97-6	MERCURY	0.0211		0.0098	0.0163	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8015M	6/15/2013	PH050	1.4		5PHCC12C14	EFH (C12-C14)	25	U	10	25	mg/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8015M	6/15/2013	PH050	1.4		5PHCC15C20	EFH (C15-C20)	25	U	10	25	mg/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8015M	6/15/2013	PH050	1.4		5PHCC21C30	EFH (C21-C30)	37		10	25	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8015M	6/15/2013	PH050	1.4		5PHCC30C40	EFH (C30-C40)	130		20	51	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8015M	6/15/2013	PH050	1.4		5PHCC8C11	EFH (C8-C11)	25	U	10	25	mg/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	180	U	60	180	ug/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10117-84-0	Di-n-octylphthalate	180	U	60	180	ug/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10120-12-7	ANTHRACENE	17	U	3.3	17	ug/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10129-00-0	PYRENE	11	J	6.7	17	ug/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10131-11-3	DIMETHYL PHTHALATE	180	U	60	180	ug/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10191-24-2	BENZO(G,H,I)PERYLENE	17	U	6.7	17	ug/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10192-97-2	Benzo(e)pyrene	170	U	33	170	ug/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	6.7	17	ug/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10205-99-2	BENZO(B)FLUORANTHENE	12	J	6.7	17	ug/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10206-44-0	FLUORANTHENE	12	J	6.7	17	ug/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N</																										

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	1613B	6/19/2013	PH050	3.7		1	TCDD TEQ	TCDD TEQ	0.177		0					1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7429-90-5	ALUMINUM (FUME OR DUST)	14000		7.93	41.1	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7439-89-6	IRON	17900		3.91	41.1	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7439-92-1	LEAD	4.11		0.483	3.08	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7439-93-2	LITHIUM	25.8		0.57	4.1	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7439-95-4	MAGNESIUM	4170		1.78	10.3	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7439-96-5	MANGANESE	290		0.0853	1.03	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7439-98-7	MOLYBDENUM	2.06	U	0.175	2.06	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-02-0	NICKEL	8.96		0.113	2.06	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-09-7	POTASSIUM	2070		13.9	103	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-23-5	SODIUM	95	J	17.2	103	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-31-5	TIN	10.3	U	0.226	10.3	mg/kg	J	U	B	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-32-6	TITANIUM METAL POWDER	1120		0.175	1.03	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-36-0	ANTIMONY	4.11	UJ	0.514	4.11	mg/kg	U	UJ	Q	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-38-2	ARSENIC	4.4		0.339	4.11	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-39-3	BARIUM	74		0.0339	1.03	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-41-7	BERYLLIUM	0.613	J	0.0689	1.03	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-42-8	BORON	1.9	J	0.853	10.3	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-43-9	CADMIUM	1.03	U	0.0339	1.03	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-47-3	CHROMIUM	13.5		0.0905	3.08	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-48-4	COBALT	4.4		0.0925	1.03	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-50-8	COPPER	5.61	J	0.185	2.06	mg/kg		J	A	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-62-2	VANADIUM (FUME OR DUST)	30.2		0.113	1.03	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-66-6	ZINC	52.3		0.206	4.11	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-67-7	ZIRCONIUM	2.26	J	0.853	5.14	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-70-2	CALCIUM METAL	1790		4.13	20.6	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7723-14-0	PHOSPHORUS	264		0.524	10.3	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6020A	6/17/2013	PH050	3.7		2	7782-49-2	SELENIUM	0.411	U	0.103	0.411	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6020A	6/17/2013	PH050	3.7		2	7440-22-4	SILVER	0.206	U	0.0206	0.206	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6020A	6/17/2013	PH050	3.7		2	7440-24-6	STRONTIUM	20.3	J	0.0350	0.411	mg/kg		J	E, Q, A	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6020A	6/17/2013	PH050	3.7		2	7440-28-0	THALLIUM	0.282	J	0.0308	0.206	mg/kg	J	J	Q	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	7471B	6/16/2013	PH050	3.7		1	7439-97-6	MERCURY	0.017	U	0.0102	0.0170	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8015M	6/15/2013	PH050	3.7		1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8015M	6/15/2013	PH050	3.7		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8015M	6/15/2013	PH050	3.7		1	PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8015M	6/15/2013	PH050	3.7		1	PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8015M	6/15/2013	PH050	3.7		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8015M	6/10/2013	PH050	3.7	28.47	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.2	U	0.2	1.2	mg/kg	U		1786775	267533.9	-118.70635		
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7		1	117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7		1	129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7															

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-02-0	NICKEL	13.6	J	0.128	1.97	mg/kg		J	A	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-09-7	POTASSIUM	3860		8.20	98.3	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-23-5	SODIUM	70.6	J	16.4	98.3	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-31-5	TIN	9.83	U	0.216	9.83	mg/kg	J	U	B	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-32-6	TITANIUM METAL POWDER	1100		0.167	0.983	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-36-0	ANTIMONY	3.93	UJ	0.727	3.93	mg/kg	U	UJ	Q	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-38-2	ARSENIC	2.52	J	0.688	3.93	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-39-3	BARIUM	112		0.0324	0.983	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-41-7	BERYLLIUM	0.594	J	0.0658	0.983	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-43-9	CADMIUM	0.21	J	0.0747	0.983	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-47-3	CHROMIUM	21.8		0.157	2.95	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-48-4	COBALT	5.93	J	0.0973	0.983	mg/kg		J	E	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-50-8	COPPER	16.3		0.285	1.97	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-62-2	VANADIUM (FUME OR DUST)	36.4		0.128	0.983	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-66-6	ZINC	59		0.197	3.93	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-67-7	ZIRCONIUM	4.91	U	0.825	4.91	mg/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-70-2	CALCIUM METAL	2240		3.28	19.7	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17723-14-0	PHOSPHORUS	348	J	2.84	9.83	mg/kg		J	Q	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6020A	8/6/2013	PH077	1.2		27782-49-2	SELENIUM	0.174	J	0.0983	0.393	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6020A	8/6/2013	PH077	1.2		27440-22-4	SILVER	0.0426	J	0.0255	0.197	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6020A	8/6/2013	PH077	1.2		27440-24-6	STRONTIUM	22.3		0.0668	0.393	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6020A	8/6/2013	PH077	1.2		27440-28-0	THALLIUM	0.265		0.0295	0.197	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	7471B	8/1/2013	PH077	1.2		17439-97-6	MERCURY	0.01	J	0.0099	0.0164	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8015M	8/2/2013	PH077	1.2		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8015M	8/2/2013	PH077	1.2		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8015M	8/2/2013	PH077	1.2		1PHCC21C30	EFH (C21-C30)	4.5	J	2.0	5.1	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8015M	8/2/2013	PH077	1.2		1PHCC30C40	EFH (C30-C40)	15		4.0	10	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8015M	8/2/2013	PH077	1.2		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	6.1	J	6.1	18	ug/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1129-00-0	PYRENE	1.4	J	0.67	1.7	ug/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1191-24-2	BENZO(G,H,I)PERYLENE	0.74	J	0.67	1.7	ug/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1205-99-2	BENZO(B)FLUORANTHENE	1.4	J	0.67	1.7	ug/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1206-44-0	FLUORANTHENE	1.6	J	0.67	1.7	ug/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1218-01-9	Chrysene	0.46	J	0.35	1.7	ug/kg	J	J	Z	1786410	267030.7	-118.70755
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		150-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786878	267286.4	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-02-0	NICKEL	12.9		0.133	2.04	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-09-7	POTASSIUM	3710		8.53	102	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-23-5	SODIUM	75.8	J	17.1	102	mg/kg	J	J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-32-6	TITANIUM METAL POWDER	970		0.174	1.02	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-36-0	ANTIMONY	4.09	U	0.757	4.09	mg/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-38-2	ARSENIC	3.79	J	0.716	4.09	mg/kg	J	J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-39-3	BARIUM	108		0.0337	1.02	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-41-7	BERYLLIUM	0.633	J	0.0685	1.02	mg/kg	J	J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-42-8	BORON	7.21	J	0.859	10.2	mg/kg	J	J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-43-9	CADMIUM	0.236	J	0.0777	1.02	mg/kg	J	J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-47-3	CHROMIUM	21.1		0.164	3.07	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-48-4	COBALT	5.37		0.101	1.02	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-50-8	COPPER	12.1		0.297	2.04	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-62-2	VANADIUM (FUME OR DUST)	36.1		0.133	1.02	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-66-6	ZINC	58.7		0.204	4.09	mg/kg				1786807	267367.9	-118.70625
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	7471B	11/26/2013	PH129	11.8	1	7439-97-6	MERCURY	0.0183	U	0.0110	0.0183	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8015M	11/23/2013	PH129	11.8	1	PHCC12C14	EFH (C12-C14)	5.7	U	2.3	5.7	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8015M	11/23/2013	PH129	11.8	1	PHCC15C20	EFH (C15-C20)	5.7	U	2.3	5.7	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8015M	11/23/2013	PH129	11.8	1	PHCC21C30	EFH (C21-C30)	4.3	J	2.3	5.7	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8015M	11/23/2013	PH129	11.8	1	PHCC30C40	EFH (C30-C40)	6.7	J	4.5	11	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8015M	11/23/2013	PH129	11.8	1	PHCC8C11	EFH (C8-C11)	5.7	U	2.3	5.7	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8015M	11/21/2013	PH129	11.8	23.58	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	11096-82-5	Aroclor 1260	19	U	4.3	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	11097-69-1	Aroclor 1254	19	U	4.9	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	11100-14-4	Aroclor 1268	19	U	3.7	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	11104-28-2	Aroclor 1221	19	U	5.7	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	11126-42-4	Aroclor 5460	37	U	11	37	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	11141-16-5	Aroclor 1232	19	U	4.6	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	12642-23-8	Aroclor 5442	37	U	11	37	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	12672-29-6	Aroclor 1248	19	U	3.7	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	12674-11-2	Aroclor 1016	19	U	3.7	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	37324-23-5	Aroclor 1262	19	U	3.7	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	53469-21-9	Aroclor 1242	19	U	4.6	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	63496-31-1	Aroclor 5432	37	U	11	37	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	UJ	6.8	20	ug/kg	U	UJ	L	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	117-84-0	Di-n-octylphthalate	20	UJ	6.8	20	ug/kg	U	UJ	L	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	120-12-7	ANTHRACENE	1.9	U	0.38	1.9	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	129-00-0	PYRENE	1.4	J	0.75	1.9	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	131-11-3	DIMETHYL PHTHALATE	20	U	6.8	20	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	191-24-2	BENZO(G,H,I)PERYLENE	0.81	J	0.75	1.9	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	192-97-2	Benzo(e)pyrene	19	UJ	3.8	19	ug/kg	U	UJ	L	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	U	0.75	1.9	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	205-99-2	BENZO(B)FLUORANTHENE	1.8	J	0.75	1.9	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	206-44-0	FLUORANTHENE	1.9	U	0.75	1.9	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17429-90-5	ALUMINUM (FUME OR DUST)	12900	J	7.79	43.2	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17439-89-6	IRON	22800		3.91	43.2	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17439-92-1	LEAD	14.3		0.540	3.24	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17439-93-2	LITHIUM	22.9		0.37	4.3	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17439-95-4	MAGNESIUM	4520		1.80	10.8	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17439-96-5	MANGANESE	275		0.0896	1.08	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17439-98-7	MOLYBDENUM	2.16	U	0.184	2.16	mg/kg	J	U	F	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-02-0	NICKEL	10.2		0.140	2.16	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-09-7	POTASSIUM	3040		9.01	108	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-23-5	SODIUM	148		18.0	108	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-31-5	TIN	10.8	U	0.238	10.8	mg/kg	J	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-32-6	TITANIUM METAL POWDER	1090		0.184	1.08	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-36-0	ANTIMONY	4.32	UJ	0.799	4.32	mg/kg	U	UJ	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-38-2	ARSENIC	5.14		0.756	4.32	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-39-3	BARIUM	87.6		0.0356	1.08	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-41-7	BERYLLIUM	0.454	J	0.0724	1.08	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-42-8	BORON	2.62	J	0.907	10.8	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-43-9	CADMIUM	0.113	J	0.0821	1.08	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-47-3	CHROMIUM	17.7		0.173	3.24	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-48-4	COBALT	5.04		0.107	1.08	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-50-8	COPPER	9.4		0.313	2.16	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-62-2	VANADIUM (FUME OR DUST)	33.8		0.140	1.08	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-66-6	ZINC	691		0.216	4.32	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-67-7	ZIRCONIUM	4.31	J	0.907	5.40	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-70-2	CALCIUM METAL	3610	J	3.61	21.6	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17723-14-0	PHOSPHORUS	416	J	3.12	10.8	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6020A	11/27/2013	PH129	7.4		27440-22-4	SILVER	0.0404	J	0.0281	0.216	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6020A	11/27/2013	PH129	7.4		27440-24-6	STRONTIUM	20.1		0.0734	0.432	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6020A	11/27/2013	PH129	7.4		27440-28-0	THALLIUM	0.225		0.0324	0.216	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6020A	11/27/2013	PH129	7.4		27782-49-2	SELENIUM	0.151	J	0.108	0.432	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	7471B	11/26/2013	PH129	7.4		17439-97-6	MERCURY	0.0169	U	0.0102	0.0169	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8015M	11/23/2013	PH129	7.4		50PHCC12C14	EFH (C12-C14)	270	U	110	270	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8015M	11/23/2013	PH129	7.4		50PHCC15C20	EFH (C15-C20)	270	U	110	270	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8015M	11/23/2013	PH129	7.4		50PHCC21C30	EFH (C21-C30)	700		110	270	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8015M	11/23/2013	PH129	7.4		50PHCC30C40	EFH (C30-C40)	2200		220	540	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8015M	11/23/2013	PH129	7.4		50PHCC8C11	EFH (C8-C11)	270	U	110	270	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8015M	11/21/2013	PH129	7.4	247.52	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	3.4	J	2.1	11	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		111097-69-1	Aroclor 1254	8	J	4.7	18	ug/kg	J	J	L, Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		111100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		111104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		111126-42-4	Aroclor 5460	35	U	11	35	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		111141-16-5	Aroclor 1232	18	U	4.4	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		112642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		112672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1785361	267600.5	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8270D SIM	11/22/2013	PH126	1.7		185-01-8	PHENANTHRENE	3.3	J	0.68	1.7	ug/kg		J	FD	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8270D SIM	11/22/2013	PH126	1.7		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8270D SIM	11/22/2013	PH126	1.7		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8270D SIM	11/22/2013	PH126	1.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8270D SIM	11/22/2013	PH126	1.7		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8270D SIM	11/22/2013	PH126	1.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	9045M	11/13/2013	PH126	1.7		1pH	PH	8.25		0.0100	0.0100	pH unit				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	160.3M	11/19/2013	PH126	7.3		1MOIST	MOISTURE	7.3		0.10	0.10	%				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		11746-01-6	2,3,7,8-TCDD	1.06	U	0.0561	1.06	ng/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.28	U	0.0339	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		13268-87-9	OCDD	3.77	J	0.0393	10.6	ng/kg	JB	J	Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.411	J	0.0367	5.28	ng/kg	JBQ	J	Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		139001-02-0	OCDF	10.6	U	0.0812	10.6	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.28	U	0.0343	5.28	ng/kg	JBQ	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.28	U	0.0411	5.28	ng/kg	JBQ	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.06	U	0.0620	1.06	ng/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.28	U	0.0375	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		157117-31-4	2,3,4,7,8-PECDF	5.28	U	0.0282	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.28	U	0.0248	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		157117-44-9	1,2,3,6,7,8-HXCDF	5.28	U	0.0224	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.28	U	0.0345	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		160851-34-5	2,3,4,6,7,8-HXCDF	5.28	U	0.0264	5.28	ng/kg	JBQ	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.28	U	0.0123	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		170648-26-9	1,2,3,4,7,8-HXCDF	5.28	U	0.0284	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		172918-21-9	1,2,3,7,8,9-HXCDF	5.28	U	0.0384	5.28	ng/kg	JBQ	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		1TCDD TEQ	TCDD TEQ	0.0995		0	0	ng/kg				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17429-90-5	ALUMINUM (FUME OR DUST)	20200	J	7.63	42.3	mg/kg		J	E	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17439-93-2	LITHIUM	26.4	J	0.36	4.2	mg/kg		J	E	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17439-95-4	MAGNESIUM	6770	J	1.77	10.6	mg/kg		J	E	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-09-7	POTASSIUM	2630	J	8.82	106	mg/kg		J	E, Q	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-23-5	SODIUM	147		17.7	106	mg/kg				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-70-2	CALCIUM METAL	4770	J	3.53	21.2	mg/kg		J	E	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		57439-89-6	IRON	31500	J	19.1	212	mg/kg		J	E	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17439-92-1	LEAD	12.1		0.529	3.17	mg/kg				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17439-96-5	MANGANESE	355	J	0.0878	1.06	mg/kg		J	E	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17439-98-7	MOLYBDENUM	2.12	U	0.180	2.12	mg/kg	J	U	F	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-02-0	NICKEL	14.7		0.137	2.12	mg/kg				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-31-5	TIN	10.6	U	0.233	10.6	mg/kg	J	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-32-6	TITANIUM METAL POWDER	1370		0.180	1.06	mg/kg				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-36-0	ANTIMONY	4.23	UJ	0.783	4.23	mg/kg	U	UJ	Q	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-38-2	ARSENIC	9.2		0.740	4.23	mg/kg				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-39-3	BARIUM	122	J	0.0349	1.06	mg/kg		J	E	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-41-7	BERYLLIUM	0.684	J	0.0709	1.06	mg/kg	J	J	Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-42-8	BORON	4.44	J	0.888	10.6	mg/kg	J	J	Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5																								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		150-29-3	4,4'-DDT	1.7	U	0.36	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		153494-70-5	ENDRIN KETONE	1.8	U	0.61	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		157-74-9	CHLORDANE	17	U	4.1	17	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		158-89-9	gamma-BHC (Lindane)	0.85	U	0.17	0.85	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		160-57-1	DIELDRIN	1.7	U	0.34	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		172-20-8	ENDRIN	1.7	U	0.34	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		172-43-5	Methoxychlor	6.8	U	1.7	6.8	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		172-54-8	4,4'-DDD	1.7	U	0.34	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		172-55-9	4,4'-DDE	1.7	U	0.34	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		17421-93-4	ENDRIN ALDEHYDE	1.7	U	0.34	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		176-44-8	HEPTACHLOR	0.85	U	0.17	0.85	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		18001-35-2	Toxaphene	34	U	14	34	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		1959-98-8	ENDOSULFAN I	0.85	U	0.22	0.85	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8270D SIM	6/21/2013	PH052	2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8270D SIM	6/21/2013	PH052	2		1117-84-0	Di-n-octylphthalate	190	J	6.1	18	ug/kg		J	FD	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8270D SIM	6/21/2013	PH052	2		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		13268-87-9	OCDD	49	J	0.0439	10.4	ng/kg	B	J	FD	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.03	J	0.0509	5.20	ng/kg	JB	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		139001-02-0	OCDF	1.15	J	0.0391	10.4	ng/kg	JB	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0997	J	0.0468	5.20	ng/kg	J	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.2	U	0.0446	5.20	ng/kg	JBQ	U	B	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.292	J	0.0797	1.04	ng/kg	JQ	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.2	UJ	0.0265	5.20	ng/kg	JB	UJ	B, FD	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		157117-31-4	2,3,4,7,8-PECDF	0.451	J	0.0300	5.20	ng/kg	JB	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.529	J	0.0313	5.20	ng/kg	JB	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		157117-44-9	1,2,3,6,7,8-HXCDF	0.204	J	0.0340	5.20	ng/kg	JBQ	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.675	J	0.0504	5.20	ng/kg	JBQ	J	Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		160851-34-5	2,3,4,6,7,8-HXCDF	0.194	J	0.0344	5.20	ng/kg	JBQ	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.622	J	0.0172	5.20	ng/kg	JB	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		170648-26-9	1,2,3,4,7,8-HXCDF	5.2	UJ	0.0376	5.20	ng/kg	JB	UJ	B, FD	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		172918-21-9	1,2,3,7,8,9-HXCDF	0.594	J	0.0454	5.20	ng/kg	JB	J	Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		17CDD TEQ	TCDD TEQ	0.375		0	0	ng/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17429-90-5	ALUMINUM (FUME OR DUST)	15300		7.88	40.9	mg/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17439-89-6	IRON	21100		3.88	40.9	mg/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17439-92-1	LEAD	9.58		0.480	3.07	mg/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17439-93-2	LITHIUM	19.5		0.56	4.1	mg/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17439-95-4	MAGNESIUM	4070		1.77	10.2	mg/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17439-96-5	MANGANESE	372		0.0849	1.02	mg/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17439-98-7	MOLYBDENUM	2.04	U	0.174	2.04	mg/kg	J	U	B, F	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17440-02-0	NICKEL	13.5	J	0.112	2.04	mg/kg		J	A	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17440-09-7	POTASSIUM	4040		13.8	102	mg/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17440-23-5	SODIUM	65.5	J	17.1	102	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1786629	266926.4	-118.70682

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		183-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		184-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		184-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		185-01-8	PHENANTHRENE	1.2	J	0.70	1.7	ug/kg	J	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		186-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		191-20-3	NAPHTHALENE	1.4	J	0.70	1.7	ug/kg	J	J	Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		191-57-6	2-METHYLNAPHTHALENE	1.1	J	0.70	1.7	ug/kg	J	J	Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	9045M	6/3/2013	PH044	4.1		1pH	PH	5.24		0.0100	0.0100	pH unit				1786629	266926.4	-118.70682
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	160.3M	6/4/2013	PH044	2.9		1MOIST	MOISTURE	2.9		0.10	0.10	%				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		11746-01-6	2,3,7,8-TCDD	0.0862	J	0.0496	1.01	ng/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.577	J	0.0685	5.06	ng/kg	JB	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		13268-87-9	OCDD	207		0.0721	10.1	ng/kg	B			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	14.3		0.0894	5.06	ng/kg	B			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		139001-02-0	OCDF	11.6		0.0514	10.1	ng/kg	B			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.253	J	0.0618	5.06	ng/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.06	U	0.0609	5.06	ng/kg	JBQ	U	B	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0861	J	0.0766	1.01	ng/kg	JQ	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.315	J	0.0487	5.06	ng/kg	JBQ	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		157117-31-4	2,3,4,7,8-PECDF	0.363	J	0.0358	5.06	ng/kg	JB	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.06	U	0.0369	5.06	ng/kg	JB	U	B	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		157117-44-9	1,2,3,6,7,8-HXCDF	0.195	J	0.0477	5.06	ng/kg	JB	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.633	J	0.0683	5.06	ng/kg	JBQ	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		160851-34-5	2,3,4,6,7,8-HXCDF	0.204	J	0.0501	5.06	ng/kg	JBQ	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		167562-39-4	1,2,3,4,6,7,8-HPCDF	2.51	J	0.0353	5.06	ng/kg	JB	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		170648-26-9	1,2,3,4,7,8-HXCDF	5.06	U	0.0491	5.06	ng/kg	JB	U	B	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		172918-21-9	1,2,3,7,8,9-HXCDF	0.481	J	0.0545	5.06	ng/kg	JB	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		1TCDD TEQ	TCDD TEQ	0.605		0	0	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17429-90-5	ALUMINIUM (FUME OR DUST)	14300		7.86	40.8	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17439-89-6	IRON	21000		3.87	40.8	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17439-92-1	LEAD	10.7		0.479	3.06	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17439-93-2	LITHIUM	22.9		0.56	4.1	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17439-95-4	MAGNESIUM	4510		1.76	10.2	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17439-96-5	MANGANESE	335		0.0846	1.02	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17439-98-7	MOLYBDENUM	2.04	U	0.173	2.04	mg/kg	J	U	B, F	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17440-02-0	NICKEL	13.2	J	0.112	2.04	mg/kg	J		A	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17440-09-7	POTASSIUM	4200		13.8	102	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17440-23-5	SODIUM	74.4	J	17.0	102	mg/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17440-31-5	TIN	10.2	U	0.224	10.2	mg/kg	J	U	B	1786510		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/19/2013	PH054	0.79	1	7440-48-4	COBALT	4.84		0.0872	0.969	mg/kg				1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/19/2013	PH054	0.79	1	7440-62-2	VANADIUM (FUME OR DUST)	29.8		0.107	0.969	mg/kg				1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/19/2013	PH054	0.79	1	7440-66-6	ZINC	55.8		0.194	3.88	mg/kg				1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/19/2013	PH054	0.79	1	7440-67-7	ZIRCONIUM	1.75	J	0.804	4.85	mg/kg	J	J	Z	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/19/2013	PH054	0.79	1	7440-70-2	CALCIUM METAL	3000		3.90	19.4	mg/kg				1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/19/2013	PH054	0.79	1	7723-14-0	PHOSPHORUS	571	J	0.494	9.69	mg/kg		J	Q	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/21/2013	PH054	0.79	1	7439-92-1	LEAD	12.5		0.456	2.91	mg/kg				1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/21/2013	PH054	0.79	1	7440-50-8	COPPER	9.01	J	0.174	1.94	mg/kg		J	Q	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	1746-01-6	2,3,7,8-TCDD	1	U	0.0387	1.00	ng/kg	JB	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.59	J	0.0602	5.00	ng/kg	JB	J	Z	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	3268-87-9	OCDD	1010		0.0636	10.0	ng/kg	B			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	44.4		0.101	5.00	ng/kg	B			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	39001-02-0	OCDF	8.47	J	0.0328	10.0	ng/kg	JB	J	Z	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.611	J	0.0483	5.00	ng/kg	JB	J	Z	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5	U	0.0579	5.00	ng/kg	JB	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.185	J	0.0522	1.00	ng/kg	JB	J	Z	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5	U	0.0320	5.00	ng/kg	JBQ	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	57117-31-4	2,3,4,7,8-PECDF	5	U	0.0322	5.00	ng/kg	JBQ	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5	U	0.0321	5.00	ng/kg	JB	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	57117-44-9	1,2,3,6,7,8-HXCDF	5	U	0.0311	5.00	ng/kg	JB	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.82	J	0.0585	5.00	ng/kg	JB	J	Z	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	60851-34-5	2,3,4,6,7,8-HXCDF	5	U	0.0267	5.00	ng/kg	JB	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	2.87	J	0.0184	5.00	ng/kg	JB	J	Z	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	70648-26-9	1,2,3,4,7,8-HXCDF	5	U	0.0341	5.00	ng/kg	JB	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	72918-21-9	1,2,3,7,8,9-HXCDF	5	U	0.0344	5.00	ng/kg	JB	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	TCDD TEQ	TCDD TEQ	1.99		0	0	ng/kg				1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	160.3M	6/13/2013	PH054	0.79	1	MOIST	MOISTURE	0.79		0.10	0.10	%				1786193	266975.5	-118.70827
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	9045M	6/12/2013	PH054	2.9	1	pH	PH	6.5		0.0100	0.0100	pH unit				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	32		6.2	19	ug/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	117-84-0	Di-n-octylphthalate	8.8	J	6.2	19	ug/kg	J	J	Z	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	120-12-7	ANTHRACENE	0.85	J	0.34	1.7	ug/kg	J	J	Z	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	129-00-0	PYRENE	11		0.69	1.7	ug/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	205-99-2	BENZO(B)FLUORANTHENE	4.1		0.69	1.7	ug/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	206-44-0	FLUORANTHENE	16		0.69	1.7	ug/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	207-08-9	BENZO(K)FLUORANTHENE	1.1	J	0.69	1.7	ug/kg	J	J	Z	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	208-96-8	ACENAPHTHYLENE	0.49	J	0.34	1.7	ug/kg	J	J	Z	1786260	266959.9	-118.70805
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9	1	218-01-9	Chrysene	2.6		0.34	1.7	ug/kg				1786198	267032.1	-118.70825
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	50-32-8	BENZO(A)PYRENE	0.91	J	0.69	1.7	ug/kg	J	J	Z	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	56-55-3	BENZO(A)ANTHRACENE	0.8	J	0.69	1.7	ug/kg	J	J	Z	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69</								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/19/2013	PH054	2.9		1	7440-47-3	CHROMIUM	19.3	J	0.0906	3.09	mg/kg		J	Q, E	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/19/2013	PH054	2.9		1	7440-48-4	COBALT	5.94		0.0927	1.03	mg/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/19/2013	PH054	2.9		1	7440-62-2	VANADIUM (FUME OR DUST)	36.3		0.113	1.03	mg/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/19/2013	PH054	2.9		1	7440-66-6	ZINC	47.7		0.206	4.12	mg/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/19/2013	PH054	2.9		1	7440-67-7	ZIRCONIUM	2.09	J	0.855	5.15	mg/kg	J	J	Z	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/19/2013	PH054	2.9		1	7440-70-2	CALCIUM METAL	1940		4.14	20.6	mg/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/19/2013	PH054	2.9		1	7723-14-0	PHOSPHORUS	310	J	0.525	10.3	mg/kg		J	Q	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/24/2013	PH054	2.9		1	7439-92-1	LEAD	6.6		0.515	3.09	mg/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/21/2013	PH054	2.9		1	7440-50-8	COPPER	8.7	J	0.185	2.06	mg/kg		J	Q	1786260	266959.9	-118.70805
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		1	7723-14-0	PHOSPHORUS	231		3.03	10.5	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6020A	6/27/2013	PH059	6.6		2	7782-49-2	SELENIUM	0.111	J	0.105	0.420	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6020A	6/27/2013	PH059	6.6		2	7440-22-4	SILVER	0.0416	J	0.0273	0.210	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6020A	6/27/2013	PH059	6.6		2	7440-24-6	STRONTIUM	38.8		0.0546	0.420	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6020A	6/27/2013	PH059	6.6		2	7440-28-0	THALLIUM	0.375		0.0315	0.210	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	7471B	6/25/2013	PH059	6.6		1	7439-97-6	MERCURY	0.0177	U	0.0106	0.0177	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8015M	6/25/2013	PH059	6.6		1	PHCC12C14	EFH (C12-C14)	5.4	U	2.1	5.4	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8015M	6/25/2013	PH059	6.6		1	PHCC15C20	EFH (C15-C20)	5.4	U	2.1	5.4	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8015M	6/25/2013	PH059	6.6		1	PHCC21C30	EFH (C21-C30)	2.4	J	2.1	5.4	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8015M	6/25/2013	PH059	6.6		1	PHCC30C40	EFH (C30-C40)	11	U	4.3	11	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8015M	6/25/2013	PH059	6.6		1	PHCC8C11	EFH (C8-C11)	5.4	U	2.1	5.4	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8015M	6/22/2013	PH059	6.6	24.18	GROCS6C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786724	267467.5	-118.70652	
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.4	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	117-84-0	Di-n-octylphtalate	19	U	6.4	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	129-00-0	PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	192-97-2	Benzo(e)pyrene	18	U	3.6	18	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	205-99-2	BENZO(B)FLUORANTHENE	0.97	J	0.71	1.8	ug/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	206-44-0	FLUORANTHENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	218-01-9	Chrysene	1.8	U	0.36	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	50-32-8	BENZO(A)PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	83-32-9	ACENAPHTHENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	84-66-2	DIETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	84-74-2	Di-n-butylphtalate	19	U	6.4	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	85-01-8	PHENANTHRENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	86-73-7	FLUORENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	90-12-0	1-METHYLNAPHTHALENE	0.93	J	0.71	1.8	ug/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft																								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-39-3	BARIUM	113		0.0338	1.02	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-41-7	BERYLLIUM	0.614	J	0.0686	1.02	mg/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-42-8	BORON	4.7	J	0.861	10.2	mg/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-43-9	CADMIUM	1.02	U	0.0779	1.02	mg/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-47-3	CHROMIUM	23.5		0.164	3.07	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-48-4	COBALT	6.25		0.101	1.02	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-50-8	COPPER	11.9		0.297	2.05	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-62-2	VANADIUM (FUME OR DUST)	41.1		0.133	1.02	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-66-6	ZINC	88.2		0.205	4.10	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-67-7	ZIRCONIUM	5.12	U	0.861	5.12	mg/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-70-2	CALCIUM METAL	3330		3.42	20.5	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17723-14-0	PHOSPHORUS	482		2.96	10.2	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6020A	6/27/2013	PH059	2.4		27782-49-2	SELENIUM	0.128	J	0.102	0.410	mg/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6020A	6/27/2013	PH059	2.4		27440-22-4	SILVER	0.0674	J	0.0266	0.205	mg/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6020A	6/27/2013	PH059	2.4		27440-24-6	STRONTIUM	27.5		0.0533	0.410	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6020A	6/27/2013	PH059	2.4		27440-28-0	THALLIUM	0.309		0.0307	0.205	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	7471B	6/25/2013	PH059	2.4		17439-97-6	MERCURY	0.0143	J	0.0096	0.0160	mg/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8015M	6/25/2013	PH059	2.4		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8015M	6/25/2013	PH059	2.4		1PHCC15C20	EFH (C15-C20)	2.3	J	2.0	5.1	mg/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8015M	6/25/2013	PH059	2.4		1PHCC21C30	EFH (C21-C30)	30		2.0	5.1	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8015M	6/25/2013	PH059	2.4		1PHCC30C40	EFH (C30-C40)	72		4.1	10	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8015M	6/25/2013	PH059	2.4		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	38		6.1	18	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1120-12-7	ANTHRACENE	18		0.34	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1129-00-0	PYRENE	100		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1191-24-2	BENZO(G,H,I)PERYLENE	9.3		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1192-97-2	Benzo(e)pyrene	18		3.4	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1193-39-5	INDENO(1,2,3-CD)PYRENE	9.1		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1205-99-2	BENZO(B)FLUORANTHENE	27		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1206-44-0	FLUORANTHENE	99		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1207-08-9	BENZO(K)FLUORANTHENE	17		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1208-96-8	ACENAPHTHYLENE	0.6	J	0.34	1.7	ug/kg	J	J	Z	1786800	267452.5	-118.70627
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9		1218-01-9	Chrysene	4.5		0.34	1.7	ug/kg				1786260	266959.9	-118.70805
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		150-32-8	BENZO(A)PYRENE	26		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		153-70-3	DIBENZO(A,H)ANTHRACENE	3.3		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		156-55-3	BENZO(A)ANTHRACENE	36		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		183-32-9	ACENAPHTHENE	7.7		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	84-74-2	6/29/2013	PH059	2.4		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		185-01-8	PHENANTHRENE	85		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		186-73-7	FLUORENE	5.8		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		190-12-0	1-METHYLNAPHTHALENE	1.4	J	0.68	1.7	ug/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6010C	6/27/2013	PH060	2.8		17440-48-4	COBALT	5.76	J	0.0999	1.01	mg/kg		J	E	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6010C	6/27/2013	PH060	2.8		17440-50-8	COPPER	8.86	J	0.293	2.02	mg/kg		J	A	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6010C	6/27/2013	PH060	2.8		17440-62-2	VANADIUM (FUME OR DUST)	41.6		0.131	1.01	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6010C	6/27/2013	PH060	2.8		17440-66-6	ZINC	58.6		0.202	4.03	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6010C	6/27/2013	PH060	2.8		17440-67-7	ZIRCONIUM	3.73	J	0.847	5.04	mg/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6010C	6/27/2013	PH060	2.8		17440-70-2	CALCIUM METAL	2490		3.37	20.2	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6010C	6/27/2013	PH060	2.8		17723-14-0	PHOSPHORUS	396		2.91	10.1	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6020A	6/27/2013	PH060	2.8		7440-22-4	SILVER	0.0779	J	0.0262	0.202	mg/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6020A	6/27/2013	PH060	2.8		7440-24-6	STRONTIUM	31.6	J	0.0524	0.403	mg/kg		J	Q	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6020A	6/27/2013	PH060	2.8		7440-28-0	THALLIUM	0.394		0.0303	0.202	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6020A	6/27/2013	PH060	2.8		7782-49-2	SELENIUM	0.228	J	0.101	0.403	mg/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	7471B	6/28/2013	PH060	2.8		17439-97-6	MERCURY	0.0162	J	0.0102	0.0170	mg/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8015M	6/25/2013	PH060	2.8		5PHCC12C14	EFH (C12-C14)	26	U	10	26	mg/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8015M	6/25/2013	PH060	2.8		5PHCC15C20	EFH (C15-C20)	26	U	10	26	mg/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8015M	6/25/2013	PH060	2.8		5PHCC21C30	EFH (C21-C30)	70		10	26	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8015M	6/25/2013	PH060	2.8		5PHCC30C40	EFH (C30-C40)	200		21	51	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8015M	6/25/2013	PH060	2.8		5PHCC8C11	EFH (C8-C11)	26	U	10	26	mg/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	430		62	180	ug/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10117-84-0	Di-n-octylphthalate	180	U	62	180	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10120-12-7	ANTHRACENE	17	U	3.4	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10129-00-0	PYRENE	15	J	6.8	17	ug/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10131-11-3	DIMETHYL PHTHALATE	180	U	62	180	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10191-24-2	BENZO(G,H,I)PERYLENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10192-97-2	Benzo(e)pyrene	170	U	34	170	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10205-99-2	BENZO(B)FLUORANTHENE	7.6	J	6.8	17	ug/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10206-44-0	FLUORANTHENE	20		6.8	17	ug/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10207-08-9	BENZO(K)FLUORANTHENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10208-96-8	ACENAPHTHYLENE	17	U	3.4	17	ug/kg	U			1786877	267461.2	-118.70602
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8270D SIM	6/22/2013	PH054	0.79		1218-01-9	Chrysene	2.5		0.34	1.7	ug/kg				1786193	266975.5	-118.70827
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1050-32-8	BENZO(A)PYRENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1053-70-3	DIBENZO(A,H)ANTHRACENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1056-55-3	BENZO(A)ANTHRACENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1062-75-9	METHANAMINE, N-METHYL-N-NITROSO	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1083-32-9	ACENAPHTHENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1084-66-2	DIETHYL PHTHALATE	180	U	62	180	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1084-74-2	Di-n-butylphthalate	180	U	62	180	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1085-01-8	PHENANTHRENE	14	J	6.8	17	ug/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1085-68-7	BENZYL BUTYL PHTHALATE	180	U	62	180	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1086-73-7	FLUORENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1090-12-0	1-METHYLNAPHTHALENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1091-20-3	NAPHTHALENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1091-57-6	2-METHYLNAPHTHALENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	9045M	6/20/2013	PH060	2.8		1pH	PH	6.82		0.0100	0.0100	pH unit				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	160.3M	6/25/2013	PH060	4		1MOIST	MOISTURE	4		0.10	0.10	%				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	1613B	6/29/2013	PH060	4		11746-01-6	2,3,7,8-TCDD	1.01	U	0.0305	1.01	ng/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7440-47-3	CHROMIUM	27.7		0.167	3.13	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7440-48-4	COBALT	7.46	J	0.103	1.04	mg/kg	J	E		1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7440-50-8	COPPER	12.1	J	0.302	2.08	mg/kg	J	A		1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7440-62-2	VANADIUM (FUME OR DUST)	46.7		0.135	1.04	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7440-66-6	ZINC	65.5		0.208	4.17	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7440-67-7	ZIRCONIUM	3.87	J	0.875	5.21	mg/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7440-70-2	CALCIUM METAL	2940		3.48	20.8	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7723-14-0	PHOSPHORUS	486		3.01	10.4	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6020A	6/27/2013	PH060	4		2 7440-22-4	SILVER	0.0839	J	0.0271	0.208	mg/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6020A	6/27/2013	PH060	4		2 7440-24-6	STRONTIUM	34	J	0.0542	0.417	mg/kg	J	J	Q	1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6020A	6/27/2013	PH060	4		2 7440-28-0	THALLIUM	0.451		0.0313	0.208	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6020A	6/27/2013	PH060	4		2 7782-49-2	SELENIUM	0.237	J	0.104	0.417	mg/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	7471B	6/28/2013	PH060	4		1 7439-97-6	MERCURY	0.0168	U	0.0101	0.0168	mg/kg	U			1786877	267461.2	-118.70602
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.49	U	0.0169	5.49	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 3268-87-9	OCDD	7.57	J	0.0331	11.0	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.613	J	0.0275	5.49	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 39001-02-0	OCDF	11	U	0.0309	11.0	ng/kg	JB	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.49	U	0.0154	5.49	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.49	U	0.0150	5.49	ng/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.1	U	0.00917	1.10	ng/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 55673-89-7	1,2,3,4,7,8,9-HPCDF	5.49	U	0.0214	5.49	ng/kg	JB	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 57117-31-4	2,3,4,7,8-PECDF	5.49	U	0.00749	5.49	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.49	U	0.00772	5.49	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 57117-44-9	1,2,3,6,7,8-HXCDF	5.49	U	0.0111	5.49	ng/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.49	U	0.0161	5.49	ng/kg	JB	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 60851-34-5	2,3,4,6,7,8-HXCDF	5.49	U	0.0106	5.49	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 67562-39-4	1,2,3,4,6,7,8-HPCDF	5.49	U	0.0129	5.49	ng/kg	JB	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 70648-26-9	1,2,3,4,7,8-HXCDF	5.49	U	0.0116	5.49	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 72918-21-9	1,2,3,7,8,9-HXCDF	5.49	U	0.0139	5.49	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 TCDD TEQ	TCDD TEQ	0.0164		0	0	ng/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/13/2013	PH047	10.6		1 7440-70-2	CALCIUM METAL	2020		4.37	21.7	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/14/2013	PH047	10.6		5 7440-50-8	COPPER	12.4		0.977	10.9	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7429-90-5	ALUMINUM (FUME OR DUST)	22300		8.37	43.4	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7439-89-6	IRON	28200		4.13	43.4	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7439-92-1	LEAD	8.74		0.510	3.26	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7439-93-2	LITHIUM	28.5		0.60	4.3	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7439-95-4	MAGNESIUM	4680		1.88	10.9	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7439-96-5	MANGANESE	172		0.0901	1.09	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7439-98-7	MOLYBDENUM	2.17	U	0.185	2.17	mg/kg	J	U	F, B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7440-02-0	NICKEL	9.48		0.119	2.17	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7440-09-7	POTASSIUM	1800		14.7	109	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7440-23-5	SODIUM	114		18.1	109	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7440-31-5	TIN	10.9	U	0.239	10.9	mg/kg	J	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7440-32-6	TITANIUM METAL POWDER	1290		0.185	1.09	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7440-36-0	ANTIMONY	4.34	U	0.543	4.34	mg/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	120-12-7	ANTHRACENE	1.9	U	0.37	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	129-00-0	PYRENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	131-11-3	DIMETHYL PHTHALATE	20	U	6.7	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	191-24-2	BENZO(G,H,I)PERYLENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	192-97-2	Benzo(e)pyrene	19	U	3.7	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	205-99-2	BENZO(B)FLUORANTHENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	206-44-0	FLUORANTHENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	207-08-9	BENZO(K)FLUORANTHENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.37	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	218-01-9	Chrysene	1.9	U	0.37	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	50-32-8	BENZO(A)PYRENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	56-55-3	BENZO(A)ANTHRACENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	83-32-9	ACENAPHTHENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	84-66-2	DIETHYL PHTHALATE	20	U	6.7	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	84-74-2	Di-n-butylphthalate	20	U	6.7	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	85-01-8	PHENANTHRENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	85-68-7	BENZYL BUTYL PHTHALATE	20	U	6.7	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	86-73-7	FLUORENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	90-12-0	1-METHYLNAPHTHALENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	91-20-3	NAPHTHALENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	91-57-6	2-METHYLNAPHTHALENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	9045M	6/6/2013	PH047	10.6	1	pH	PH	7.07		0.0100	0.0100	pH unit				1786793	267575.2	-118.7063
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	160.3M	6/11/2013	PH050	1.4	1	MOIST	MOISTURE	1.4		0.10	0.10	%				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	1746-01-6	2,3,7,8-TCDD	0.261	J	0.0499	0.991	ng/kg	JBQ	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.99		0.0468	4.96	ng/kg	B			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	3268-87-9	OCDD	2060		0.0457	9.91	ng/kg	B			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	132		0.0670	4.96	ng/kg	B			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	39001-02-0	OCDF	28.4		0.0312	9.91	ng/kg	B			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	2.24	J	0.0474	4.96	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	1.35	J	0.0832	4.96	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.948	J	0.0869	0.991	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.82	J	0.0253	4.96	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	57117-31-4	2,3,4,7,8-PECDF	4.96	U	0.0426	4.96	ng/kg	JBQ	U	B	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	1.25	J	0.0453	4.96	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.868	J	0.0356	4.96	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.36		0.0489	4.96	ng/kg	B			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.934	J	0.0343	4.96	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	10.8		0.0208	4.96	ng/kg	B			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	70648-26-9	1,2,3,4,7,8-HXCDF	1.03	J	0.0353	4.96	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	72918-21-9	1,2,3,7,8,9-HXCDF	4.96	U	0.0385	4.96	ng/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	TCDD TEQ	TCDD TEQ	5.09		0	0	ng/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4	1	7429-90-5	ALUMINUM (FUME OR DUST)	15400		7.82	40.6	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/20																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	8270D SIM	6/23/2013	PH057	1.8		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	8270D SIM	6/23/2013	PH057	1.8		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	8270D SIM	6/23/2013	PH057	1.8		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	8270D SIM	6/23/2013	PH057	1.8		191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	8270D SIM	6/23/2013	PH057	1.8		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	9045M	6/15/2013	PH057	1.8		pH	PH	6.39		0.0100	0.0100	pH unit				1786993	267371	-118.70563
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	160.3M	7/31/2013	PH077	2.6		1MOIST	MOISTURE	2.6		0.10	0.10	%				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		11746-01-6	2,3,7,8-TCDD	1.01	U	0.0226	1.01	ng/kg	JBQ	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.03	U	0.0299	5.03	ng/kg	JB	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		13268-87-9	OCDD	5.3	J	0.0545	10.1	ng/kg	JB	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.383	J	0.0381	5.03	ng/kg	JBQ	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		139001-02-0	OCDF	10.1	U	0.0565	10.1	ng/kg	JB	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.03	U	0.0332	5.03	ng/kg	JBQ	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0601	J	0.0377	5.03	ng/kg	JQ	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0333	J	0.0189	1.01	ng/kg	JQ	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.03	U	0.0279	5.03	ng/kg	JB	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		157117-31-4	2,3,4,7,8-PECDF	5.03	U	0.0242	5.03	ng/kg	JBQ	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.03	U	0.0254	5.03	ng/kg	JBQ	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		157117-44-9	1,2,3,6,7,8-HXCDF	5.03	U	0.0125	5.03	ng/kg	U			1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.03	U	0.0366	5.03	ng/kg	JBQ	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		160851-34-5	2,3,4,6,7,8-HXCDF	5.03	U	0.0116	5.03	ng/kg	JBQ	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.03	U	0.0199	5.03	ng/kg	JB	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		170648-26-9	1,2,3,4,7,8-HXCDF	5.03	U	0.0129	5.03	ng/kg	JBQ	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		172918-21-9	1,2,3,7,8,9-HXCDF	0.252	J	0.0116	5.03	ng/kg	JBQ	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		1TCDD TEQ	TCDD TEQ	0.0278		0	0	ng/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-42-8	BORON	1.48	J	0.846	10.1	mg/kg	J	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17429-90-5	ALUMINUM (FUME OR DUST)	17200		7.26	40.3	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17439-89-6	IRON	22000		3.64	40.3	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17439-92-1	LEAD	7.14		0.503	3.02	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17439-93-2	LITHIUM	21.5		0.34	4.0	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17439-95-4	MAGNESIUM	4360		1.68	10.1	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17439-96-5	MANGANESE	355	J	0.0835	1.01	mg/kg		J	E	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17439-98-7	MOLYBDENUM	2.01	U	0.171	2.01	mg/kg	J	U	F, B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-02-0	NICKEL	14.7	J	0.131	2.01	mg/kg		J	A	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-09-7	POTASSIUM	3570		8.39	101	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-23-5	SODIUM	69.5	J	16.8	101	mg/kg	J	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-31-5	TIN	10.1	U	0.221	10.1	mg/kg	J	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-32-6	TITANIUM METAL POWDER	1100		0.171	1.01	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-36-0	ANTIMONY	4.03	UJ	0.745	4.03	mg/kg	U	UJ	Q	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-38-2	ARSENIC	3.31	J	0.705	4.03	mg/kg	J	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-39-3	BARIUM	114		0.0332	1.01	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-41-7	BERYLLIUM	0.662	J	0.0674	1.01	mg/kg	J	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-43-9	CADMIUM	0.175	J	0.0765	1.01	mg/kg	J	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-47-3	CHROMIUM	22.8		0.161	3.02	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-48-4	COBALT	6.55	J	0.0996	1.01	mg/kg		J	E	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0																									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	8270D SIM	8/8/2013	PH077	2.6		185-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	8270D SIM	8/8/2013	PH077	2.6		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.2	18	ug/kg	U			1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	8270D SIM	8/8/2013	PH077	2.6		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	8270D SIM	8/8/2013	PH077	2.6		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	8270D SIM	8/8/2013	PH077	2.6		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	8270D SIM	8/8/2013	PH077	2.6		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	9045M	7/30/2013	PH077	2.6		pH	PH	6.29		0.0100	0.0100	pH unit				1786790	267248.6	-118.7063
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	160.3M	7/31/2013	PH077	1.2		1MOIST	MOISTURE	1.2		0.10	0.10	%				1786878	267286.4	-118.70601
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17429-90-5	ALUMINUM (FUME OR DUST)	16600		7.89	43.8	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17439-89-6	IRON	21200		3.96	43.8	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17439-92-1	LEAD	6.39		0.547	3.28	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17439-93-2	LITHIUM	27		0.37	4.4	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17439-95-4	MAGNESIUM	4820		1.83	10.9	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17439-96-5	MANGANESE	301		0.0908	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17439-98-7	MOLYBDENUM	2.19	U	0.186	2.19	mg/kg	J	U	F	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-02-0	NICKEL	11.2		0.142	2.19	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-09-7	POTASSIUM	3250	J	9.13	109	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-23-5	SODIUM	147		18.3	109	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-31-5	TIN	10.9	U	0.241	10.9	mg/kg	J	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-32-6	TITANIUM METAL POWDER	1160		0.186	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-36-0	ANTIMONY	4.38	UJ	0.810	4.38	mg/kg	U	UJ	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-38-2	ARSENIC	5.02		0.766	4.38	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-39-3	BARIUM	103		0.0361	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-41-7	BERYLLIUM	0.632	J	0.0733	1.09	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-42-8	BORON	3.35	J	0.919	10.9	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-43-9	CADMIUM	1.09	U	0.0832	1.09	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-47-3	CHROMIUM	18.1		0.175	3.28	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-48-4	COBALT	5.88		0.108	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-50-8	COPPER	9.73		0.317	2.19	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-62-2	VANADIUM (FUME OR DUST)	35.3		0.142	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-66-6	ZINC	59		0.219	4.38	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-67-7	ZIRCONIUM	3.71	J	0.919	5.47	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-70-2	CALCIUM METAL	3590	J	3.66	21.9	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17723-14-0	PHOSPHORUS	363	J	3.16	10.9	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6020A	11/27/2013	PH129	11.3		27440-22-4	SILVER	0.0346	J	0.0285	0.219	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6020A	11/27/2013	PH129	11.3		27440-24-6	STRONTIUM	19.6		0.0744	0.438	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6020A	11/27/2013	PH129	11.3		27440-28-0	THALLIUM	0.286		0.0328	0.219	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6020A	11/27/2013	PH129	11.3		27782-49-2	SELENIUM	0.155	J	0.109	0.438	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	7471B	11/26/2013	PH129	11.3		17439-97-6	MERCURY	0.0185	U	0.0111	0.0185	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8015M	11/23/2013	PH129	11.3		1PHCC12C14	EFH (C12-C14)	5.6	U	2.3	5.6	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8015M	11/23/2013	PH129	11.3		1PHCC15C20	EFH (C15-C20)	5.6	U	2.3	5.6	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8015M	11/23/2013	PH129	11.3		1PHCC21C30	EFH (C21-C30)	5.6	U	2.3	5.6	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8015M	11/23/2013	PH129	11.3		1PHCC30C40	EFH (C30-C40)	11	U	4.5	11	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8015M	11/23/2013	PH129	11.3		1PHCC8C11	EFH (C8-C11)	5.6	U	2.3	5.6	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8015M	11/21/2013	PH129	11.3	23.72	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8082A																	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8270D SIM	11/26/2013	PH129	11.3		191-20-3	NAPHTHALENE	1.9	U	0.74	1.9	ug/kg	U			1785361	267600.5	-118.71103	
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8270D SIM	11/26/2013	PH129	11.3		191-57-6	2-METHYLNAPHTHALENE	1.9	U	0.74	1.9	ug/kg	U			1785361	267600.5	-118.71103	
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	9045M	11/15/2013	PH129	11.3		pH	PH	8.05		0.0100	0.0100	pH unit				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	160.3M	11/19/2013	PH129	11.8		1MOIST	MOISTURE	11.8		0.10	0.10	%				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		11746-01-6	2,3,7,8-TCDD	0.131	J	0.0569	1.13	ng/kg	JQ	J	Z	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.64	U	0.0430	5.64	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		13268-87-9	OCDD	8.57	J	0.0667	11.3	ng/kg	JB	J	Z	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.26	J	0.0651	5.64	ng/kg	JB	J	Z	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		139001-02-0	OCDF	11.3	U	0.0794	11.3	ng/kg	JB	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.64	U	0.0405	5.64	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.64	U	0.0632	5.64	ng/kg	JB	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.13	U	0.0624	1.13	ng/kg	U			1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.64	U	0.0397	5.64	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		157117-31-4	2,3,4,7,8-PECDF	5.64	U	0.0341	5.64	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.64	U	0.0379	5.64	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		157117-44-9	1,2,3,6,7,8-HXCDF	5.64	U	0.0354	5.64	ng/kg	U			1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.64	U	0.0451	5.64	ng/kg	U			1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		160851-34-5	2,3,4,6,7,8-HXCDF	5.64	U	0.0347	5.64	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.64	U	0.0263	5.64	ng/kg	JB	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		170648-26-9	1,2,3,4,7,8-HXCDF	5.64	U	0.0357	5.64	ng/kg	JB	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		172918-21-9	1,2,3,7,8,9-HXCDF	5.64	U	0.0356	5.64	ng/kg	JB	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		17TCDD TEQ	TCDD TEQ	0.19		0	0	ng/kg					1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17429-90-5	ALUMINUM (FUME OR DUST)	10100	J	8.17	45.4	mg/kg		J	E	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17439-89-6	IRON	18500		4.10	45.4	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17439-92-1	LEAD	4.78		0.567	3.40	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17439-93-2	LITHIUM	24.9		0.39	4.5	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17439-95-4	MAGNESIUM	5610		1.89	11.3	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17439-96-5	MANGANESE	241		0.0941	1.13	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17439-98-7	MOLYBDENUM	2.27	U	0.193	2.27	mg/kg	J	U	F	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-02-0	NICKEL	9.87		0.147	2.27	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-09-7	POTASSIUM	2780	J	9.46	113	mg/kg		J	Q	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-23-5	SODIUM	117		18.9	113	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-31-5	TIN	11.3	U	0.249	11.3	mg/kg	J	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-32-6	TITANIUM METAL POWDER	1010		0.193	1.13	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-36-0	ANTIMONY	4.54	UJ	0.839	4.54	mg/kg	U	UJ	Q	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-38-2	ARSENIC	4.69		0.794	4.54	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-39-3	BARIUM	62.5		0.0374	1.13	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-41-7	BERYLLIUM	0.401	J	0.0760	1.13	mg/kg	J	J	Z	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-42-8	BORON	2.32	J	0.952	11.3	mg/kg	J	J	Z	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-43-9	CADMIUM	1.13	U	0.0862	1.13	mg/kg	U			1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-47-3	CHROMIUM	17.6		0.181	3.40	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-48-4	COBALT	5		0.112	1.13	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-50-8	COPPER	8.05		0.329	2.27	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-62-2	VANADIUM (FUME OR DUST)	32		0.147	1.13	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8082A	11/24/2013	PH125	0.61		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		110-91-8	MORPHOLINE	20	U	20	20	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.0	18	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		117-84-0	Di-n-octylphtthalate	18	U	6.0	18	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		129-00-0	PYRENE	1.1	J	0.67	1.7	ug/kg	J	J	Z	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		205-99-2	BENZO(B)FLUORANTHENE	1.6	J	0.67	1.7	ug/kg	J	J	Z	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		206-44-0	FLUORANTHENE	1.4	J	0.67	1.7	ug/kg	J	J	Z	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		218-01-9	Chrysene	2.4		0.33	1.7	ug/kg				1786075	266911.6	-118.70866
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		250-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		184-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		184-74-2	Di-n-butylphtthalate	18	U	6.0	18	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		185-01-8	PHENANTHRENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8315A	11/21/2013	PH125	0.61		150-00-0	FORMALDEHYDE	2000	U	1200	2000	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	9045M	11/13/2013	PH125	0.61		1pH	PH	7.34		0.0100	0.0100	pH unit				1785884	267366.2	-118.7093
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	160.3M	11/19/2013	PH126	1.7		1MOIST	MOISTURE	1.7		0.10	0.10	%				1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		11746-01-6	2,3,7,8-TCDD	0.99	UJ	0.0499	0.990	ng/kg	JBQ	UJ	B, FD	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.654	J	0.0591	4.95	ng/kg	JB	J	Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		13268-87-9	OCDD	297	J	0.0690	9.90	ng/kg	B	J	Q	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	30.8	J	0.0636	4.95	ng/kg	B	J	FD, Q	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		139001-02-0	OCDF	8.55	J	0.0390	9.90	ng/kg	JB	J	FD, Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.327	J	0.0593	4.95	ng/kg	JB	J	FD, Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.95	UJ	0.0505	4.95	ng/kg	JBQ	UJ	B, FD	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.99	UJ	0.0720	0.990	ng/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.95	UJ	0.0272	4.95	ng/kg	JBQ	UJ	B, FD	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		157117-31-4	2,3,4,7,8-PECDF	0.389	J	0.0340	4.95	ng/kg	JB	J	FD, Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.922	J	0.0339	4.95	ng/kg	JB	J	FD, Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		157117-44-9	1,2,3,6,7,8-HXCDF	0.262	J	0.0336	4.95	ng/kg	JB	J	FD, Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.03	J	0.0598	4.95	ng/kg	JB	J	Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		160851-34-5												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.15	U	0.0467	5.15	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.03	U	0.0358	1.03	ng/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.15	U	0.0255	5.15	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		157117-31-4	2,3,4,7,8-PECDF	5.15	U	0.0241	5.15	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.15	U	0.0221	5.15	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		157117-44-9	1,2,3,6,7,8-HXCDF	5.15	U	0.0170	5.15	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.15	U	0.0358	5.15	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		160851-34-5	2,3,4,6,7,8-HXCDF	5.15	U	0.0161	5.15	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.15	U	0.0129	5.15	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		170648-26-9	1,2,3,4,7,8-HXCDF	5.15	U	0.0199	5.15	ng/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		172918-21-9	1,2,3,7,8,9-HXCDF	5.15	U	0.0216	5.15	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		1TCDD TEQ	TCDD TEQ	0.271		0	0	ng/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	160.3M	6/18/2013	PH055	4		1MOIST	MOISTURE	4		0.10	0.10	%				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	9045M	6/13/2013	PH055	4.1		1pH	PH	7.14		0.0100	0.0100	pH unit				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	85		6.2	19	ug/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1117-84-0	Di-n-octylphtthalate	40		6.2	19	ug/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1205-99-2	BENZO(B)FLUORANTHENE	0.87	J	0.69	1.7	ug/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1120-12-7	ANTHRACENE	1.7	U	0.33	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1129-00-0	PYRENE	1.2	J	0.67	1.7	ug/kg	J	J	Z	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1192-97-2	Benzo(e)pyrene	17	U	3.3	17	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1205-99-2	BENZO(B)FLUORANTHENE	0.84	J	0.67	1.7	ug/kg	J	J	Z	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1206-44-0	FLUORANTHENE	1.3	J	0.67	1.7	ug/kg	J	J	Z	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1208-96-8	ACENAPHTHYLENE	1.7	U	0.33	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1218-01-9	Chrysene	2.3		0.33	1.7	ug/kg				1786148	266847.3	-118.70841
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		150-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7439-98-7	MOLYBDENUM	1.97	U	0.168	1.97	mg/kg	J	U	F, B	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-02-0	NICKEL	13.7		0.109	1.97	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-09-7	POTASSIUM	4110		13.3	98.7	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-23-5	SODIUM	84.6	J	16.5	98.7	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-31-5	TIN	9.87	U	0.217	9.87	mg/kg	J	U	B	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-32-6	TITANIUM METAL POWDER	1230		0.168	0.987	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-36-0	ANTIMONY	0.681	J	0.493	3.95	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-38-2	ARSENIC	4.67		0.326	3.95	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-39-3	BARIUM	124		0.0326	0.987	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-41-7	BERYLLIUM	0.674	J	0.0661	0.987	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-42-8	BORON	8.23	J	0.819	9.87	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-43-9	CADMIUM	0.628	J	0.0326	0.987	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-47-3	CHROMIUM	21.2		0.0868	2.96	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-48-4	COBALT	5.65		0.0888	0.987	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-50-8	COPPER	10.7		0.178	1.97	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-62-2	VANADIUM (FUME OR DUST)	37.9		0.109	0.987	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-66-6	ZINC	63.2		0.197	3.95	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-67-7	ZIRCONIUM	3.57	J	0.819	4.93	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-70-2	CALCIUM METAL	2710		3.97	19.7	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7723-14-0	PHOSPHORUS	418		0.503	9.87	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6020A	6/11/2013	PH051	0.65		2	7782-49-2	SELENIUM	0.128	J	0.0987	0.395	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6020A	6/11/2013	PH051	0.65		2	7440-22-4	SILVER	0.0515	J	0.0197	0.197	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6020A	6/11/2013	PH051	0.65		2	7440-24-6	STRONTIUM	28		0.0336	0.395	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6020A	6/11/2013	PH051	0.65		2	7440-28-0	THALLIUM	0.261		0.0296	0.197	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	7471B	6/11/2013	PH051	0.65		1	7439-97-6	MERCURY	0.0153	J	0.0099	0.0166	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8015M	6/15/2013	PH051	0.65		1	PHCC12C14	EFH (C12-C14)	5	U	2.0	5.0	mg/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8015M	6/15/2013	PH051	0.65		1	PHCC15C20	EFH (C15-C20)	5	U	2.0	5.0	mg/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8015M	6/15/2013	PH051	0.65		1	PHCC21C30	EFH (C21-C30)	11		2.0	5.0	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8015M	6/15/2013	PH051	0.65		1	PHCC30C40	EFH (C30-C40)	28		4.0	10	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8015M	6/15/2013	PH051	0.65		1	PHCC8C11	EFH (C8-C11)	5	U	2.0	5.0	mg/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	160		6.0	18	ug/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	117-84-0	Di-n-octylphthalate	18	U	6.0	18	ug/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	120-12-7	ANTHRACENE	1.7	U	0.33	1.7	ug/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	129-00-0	PYRENE	6.8		0.66	1.7	ug/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	191-24-2	BENZO(G,H,I)PERYLENE	0.88	J	0.66	1.7	ug/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	192-97-2	Benzo(e)pyrene	17	U	3.3	17	ug/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.66	1.7	ug/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	205-99-2	BENZO(B)FLUORANTHENE	2.1		0.66	1.7	ug/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	206-44-0	FLUORANTHENE	2.2		0.66	1.7	ug/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.66	1.7	ug/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.33	1.7	ug/kg	U			1786817	267228.5	-118.70621
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	218-01-9	Chrysene	4.2		0.34	1.7	ug/kg				1786135	266779.2	-118.70846
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	50-32-8	BENZO(A)PYRENE	0.87	J	0.66	1.7	ug/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.66	1.7	ug/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5																													

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8082A	6/17/2013	PH054	6		111141-16-5	Aroclor 1232	18	U	4.4	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8082A	6/17/2013	PH054	6		112642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8082A	6/17/2013	PH054	6		112672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8082A	6/17/2013	PH054	6		112674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8082A	6/17/2013	PH054	6		1137324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8082A	6/17/2013	PH054	6		1153469-21-9	Aroclor 1242	18	U	4.4	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8082A	6/17/2013	PH054	6		1163496-31-1	Aroclor 5432	35	U	11	35	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.4	19	ug/kg	J	U	F	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1117-84-0	Di-n-octylphthalate	7.3	J	6.4	19	ug/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1129-00-0	PYRENE	1.2	J	0.71	1.8	ug/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1131-11-3	DIMETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1205-99-2	BENZO(B)FLUORANTHENE	2.3		0.71	1.8	ug/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1206-44-0	FLUORANTHENE	1.3	J	0.71	1.8	ug/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1207-08-9	BENZO(K)FLUORANTHENE	0.81	J	0.71	1.8	ug/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1218-01-9	Chrysene	1.9		0.35	1.8	ug/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		150-32-8	BENZO(A)PYRENE	1.2	J	0.71	1.8	ug/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		156-55-3	BENZO(A)ANTHRACENE	1.7	J	0.71	1.8	ug/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		183-32-9	ACENAPHTHENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		184-66-2	DIETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		184-74-2	Di-n-butylphthalate	19	U	6.4	19	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		185-01-8	PHENANTHRENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		186-73-7	FLUORENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		191-20-3	NAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8315A	6/20/2013	PH054	6		150-00-0	FORMALDEHYDE	2100	U	1300	2100	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	9045M	6/12/2013	PH054	6		pH	PH	7.32		0.0100	0.0100	pH unit				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/24/2013	PH054	1.2		17439-92-1	LEAD	7.96		0.501	3.01	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/21/2013	PH054	1.2		17440-50-8	COPPER	9.36	J	0.180	2.00	mg/kg		J	Q	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		11746-01-6	2,3,7,8-TCDD	1.01	U	0.0310	1.01	ng/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.28	J	0.0488	5.04	ng/kg	JB	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		13268-87-9	OCDD	721		0.0535	10.1	ng/kg	B			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	33.4		0.0707	5.04	ng/kg	B			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		139001-02-0	OCDF	10.7		0.0331	10.1	ng/kg	B			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.556	J	0.0465	5.04	ng/kg	JBQ	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.04	U	0.0427	5.04	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.01	U	0.0381	1.01	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.04	U	0.0297	5.04	ng/kg	JBQ	U	B			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8270D SIM	6/22/2013	PH054	0.79		191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8270D SIM	6/22/2013	PH054	0.79		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		111096-82-5	Aroclor 1260	17	U	3.9	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		111097-69-1	Aroclor 1254	45		4.4	17	ug/kg				1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		111100-14-4	Aroclor 1268	17	U	3.3	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		111104-28-2	Aroclor 1221	17	U	5.1	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		111126-42-4	Aroclor 5460	33	U	10	33	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		111141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8015M	6/18/2013	PH054	0.79		1PHCC12C14	EFH (C12-C14)	5	U	2.0	5.0	mg/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8015M	6/18/2013	PH054	0.79		1PHCC15C20	EFH (C15-C20)	5	U	2.0	5.0	mg/kg	U			1786193	266975.5	-118.70827
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.98	U	0.0239	4.98	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		13268-87-9	OCDD	9.96	U	0.0268	9.96	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.98	U	0.0265	4.98	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		139001-02-0	OCDF	9.96	U	0.0347	9.96	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.98	U	0.0218	4.98	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.98	U	0.0427	4.98	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.996	U	0.0301	0.996	ng/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.98	U	0.0194	4.98	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		157117-31-4	2,3,4,7,8-PECDF	4.98	U	0.0214	4.98	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.98	U	0.0219	4.98	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		157117-44-9	1,2,3,6,7,8-HXCDF	4.98	U	0.0146	4.98	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.98	U	0.0234	4.98	ng/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		160851-34-5	2,3,4,6,7,8-HXCDF	4.98	U	0.0135	4.98	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		167562-39-4	1,2,3,4,6,7,8-HPCDF	4.98	U	0.0135	4.98	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		170648-26-9	1,2,3,4,7,8-HXCDF	4.98	U	0.0154	4.98	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		172918-21-9	1,2,3,7,8,9-HXCDF	4.98	U	0.0182	4.98	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		1TCDD TEQ	TCDD TEQ	0.0209		0	0	ng/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17429-90-5	ALUMINIUM (FUME OR DUST)	11000		7.29	40.5	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17439-89-6	IRON	15500		3.66	40.5	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17439-92-1	LEAD	3.32		0.506	3.04	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17439-93-2	LITHIUM	18.1		0.34	4.0	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17439-95-4	MAGNESIUM	3270		1.69	10.1	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17439-96-5	MANGANESE	139		0.0840	1.01	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17439-98-7	MOLYBDENUM	2.02	U	0.172	2.02	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17440-02-0	NICKEL	6.01		0.132	2.02	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17440-09-7	POTASSIUM	1290		8.44	101	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17440-23-5	SODIUM	123		16.9	101	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5																									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	9045M	6/19/2013	PH059	3.1		1pH	PH	7.43		0.0100	0.0100	pH unit				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	160.3M	6/25/2013	PH059	6.6		1MOIST	MOISTURE	6.6		0.10	0.10	%				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		11746-01-6	2,3,7,8-TCDD	1.06	U	0.0349	1.06	ng/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.31	U	0.0279	5.31	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		13268-87-9	OCDD	21.3		0.0287	10.6	ng/kg	B			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.16	J	0.0468	5.31	ng/kg	JBQ	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		139001-02-0	OCDF	0.421	J	0.0309	10.6	ng/kg	JB	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.31	U	0.0271	5.31	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.31	U	0.0388	5.31	ng/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.06	U	0.0317	1.06	ng/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.31	U	0.0212	5.31	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		157117-31-4	2,3,4,7,8-PECDF	5.31	U	0.0244	5.31	ng/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.31	U	0.0256	5.31	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		157117-44-9	1,2,3,6,7,8-HXCDF	5.31	U	0.0126	5.31	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.31	U	0.0290	5.31	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		160851-34-5	2,3,4,6,7,8-HXCDF	5.31	U	0.0127	5.31	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.203	J	0.0146	5.31	ng/kg	JB	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		170648-26-9	1,2,3,4,7,8-HXCDF	5.31	U	0.0148	5.31	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		172918-21-9	1,2,3,7,8,9-HXCDF	5.31	U	0.0157	5.31	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		1TCDD TEQ	TCDD TEQ	0.0142		0	0	ng/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		57439-89-6	IRON	29200		19.0	210	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17429-90-5	ALUMINUM (FUME OR DUST)	23700		7.57	42.0	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17439-92-1	LEAD	8.52		0.525	3.15	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17439-93-2	LITHIUM	32.2		0.36	4.2	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17439-95-4	MAGNESIUM	6060		1.75	10.5	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17439-96-5	MANGANESE	378		0.0871	1.05	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17439-98-7	MOLYBDENUM	2.1	U	0.178	2.10	mg/kg	J	U	F, B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17440-02-0	NICKEL	16.1		0.136	2.10	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17440-09-7	POTASSIUM	2180		8.75	105	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17440-23-5	SODIUM	121		17.5	105	mg/kg		</				

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		11746-01-6	2,3,7,8-TCDD	1.07	U	0.0305	1.07	ng/kg	U			1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.34	U	0.0234	5.34	ng/kg	JB	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		13268-87-9	OCDD	10.7	U	0.0299	10.7	ng/kg	JB	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.34	U	0.0307	5.34	ng/kg	JB	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		139001-02-0	OCDF	10.7	U	0.0528	10.7	ng/kg	JBQ	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0489	J	0.0233	5.34	ng/kg	JQ	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.105	J	0.0427	5.34	ng/kg	JQ	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.07	U	0.0278	1.07	ng/kg	JBQ	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.34	U	0.0151	5.34	ng/kg	JBQ	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		157117-31-4	2,3,4,7,8-PECDF	5.34	U	0.0195	5.34	ng/kg	JBQ	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.118	J	0.0198	5.34	ng/kg	JBQ	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		157117-44-9	1,2,3,6,7,8-HXCDF	5.34	U	0.0131	5.34	ng/kg	JB	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0932	J	0.0248	5.34	ng/kg	J	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		160851-34-5	2,3,4,6,7,8-HXCDF	0.0525	J	0.0121	5.34	ng/kg	JQ	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.0695	J	0.00803	5.34	ng/kg	JQ	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		170648-26-9	1,2,3,4,7,8-HXCDF	0.107	J	0.0138	5.34	ng/kg	JB	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		172918-21-9	1,2,3,7,8,9-HXCDF	0.069	J	0.0140	5.34	ng/kg	J	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		1TCDD TEQ	TCDD TEQ	0.0423		0	0	ng/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17429-90-5	ALUMINUM (FUME OR DUST)	16000		7.49	41.6	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17439-92-1	LEAD	10.2		0.520	3.12	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17439-93-2	LITHIUM	28.6		0.35	4.2	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17439-95-4	MAGNESIUM	6810		1.74	10.4	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17439-96-5	MANGANESE	336	J	0.0863	1.04	mg/kg		J	E		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17439-98-7	MOLYBDENUM	2.08	U	0.177	2.08	mg/kg	J	U	F		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-02-0	NICKEL	31.4		0.135	2.08	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-09-7	POTASSIUM	2220	J	8.67	104	mg/kg		J	Q		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-23-5	SODIUM	145		17.4	104	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-31-5	TIN	10.4	U	0.229	10.4	mg/kg	J	U	B		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-32-6	TITANIUM METAL POWDER	1320		0.177	1.04	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-36-0	ANTIMONY	4.16	UJ	0.769	4.16	mg/kg	U	UJ	Q		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-38-2	ARSENIC	20.8		0.728	4.16	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-39-3	BARIUM	71		0.0343	1.04	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-41-7	BERYLLIUM	0.973	J	0.0696	1.04	mg/kg	J	J	Z		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-42-8	BORON	10.4	U	0.873	10.4	mg/kg	U				1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-43-9	CADMIUM	0.235	J	0.0790	1.04	mg/kg	J	J	Z		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-47-3	CHROMIUM	38.8		0.166	3.12	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-48-4	COBALT	7.46	J	0.103	1.04	mg/kg		J	E		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-50-8	COPPER	20.5	J	0.301	2.08	mg/kg		J	A		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-62-2	VANADIUM (FUME OR DUST)	64.9		0.135	1.04	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-66-6	ZINC	82		0.208	4.16	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-67-7	ZIRCONIUM	4.3	J	0.873	5.20	mg/kg	J	J	Z		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-70-2	CALCIUM METAL	3580		3.47	20.8	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17723-14-0	PHOSPHORUS	501		3.00	10.4	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/28/2013	PH060	6.6		57439-89-6	IRON	39700		18.8	208	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6020A	6/27/2013																	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-866-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	9045M	6/20/2013	PH060	6.6		1	pH	PH	7.64		0.0100	0.0100	pH unit				1786829	267467.5	-118.70617
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	160.3M	6/25/2013	PH060	2.8		1	MOIST	MOISTURE	2.8		0.10	0.10	%				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	1613B	6/29/2013	PH060	2.8		1	1746-01-6	2,3,7,8-TCDD	0.0781	J	0.0389	1.03	ng/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	1613B	6/29/2013	PH060	2.8		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.971	J	0.0669	5.14	ng/kg	JBQ	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	1613B	6/29/2013	PH060	2.8		1	3268-87-9	OCDD	588		0.0597	10.3	ng/kg	B			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	1613B	6/29/2013	PH060	2.8		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	38.3		0.0947	5.14	ng/kg	B			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	1613B	6/29/2013	PH060	2.8		1	39001-02-0	OCDF	6.8	J	0.0425	10.3	ng/kg	JB	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	1613B	6/29/2013	PH060	2.8		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.497	J	0.0664	5.14	ng/kg	J	J	Z	1786877	267461.2	-118.70602
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	53-70-3	DIBENZO(A,H)ANTHRACENE	17	U	6.9	17	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	56-55-3	BENZO(A)ANTHRACENE	8.5	J	6.9	17	ug/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	17	U	6.9	17	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	83-32-9	ACENAPHTHENE	17	U	6.9	17	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	84-66-2	DIETHYL PHTHALATE	190	U	62	190	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	84-74-2	Di-n-butylphthalate	190	U	62	190	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	85-01-8	PHENANTHRENE	16	J	6.9	17	ug/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	85-68-7	BENZYL BUTYL PHTHALATE	190	U	62	190	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	86-73-7	FLUORENE	17	U	6.9	17	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	90-12-0	1-METHYLNAPHTHALENE	17	U	6.9	17	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	91-20-3	NAPHTHALENE	17	U	6.9	17	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	91-57-6	2-METHYLNAPHTHALENE	17	U	6.9	17	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	9045M	6/6/2013	PH047	3.5		1	pH	PH	6.59		0.0100	0.0100	pH unit				1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	160.3M	6/11/2013	PH047	9.2		1	MOIST	MOISTURE	9.2		0.10	0.10	%				1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	1746-01-6	2,3,7,8-TCDD	1.05	U	0.0152	1.05	ng/kg	JB	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.26	U	0.0180	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	3268-87-9	OCDD	14.2		0.0416	10.5	ng/kg	B			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.2	J	0.0312	5.26	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	39001-02-0	OCDF	1.28	J	0.0219	10.5	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.26	U	0.0165	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.26	U	0.0144	5.26	ng/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.05	U	0.00826	1.05	ng/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.26	U	0.0279	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	57117-31-4	2,3,4,7,8-PECDF	5.26	U	0.00848	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.26	U	0.00837	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	57117-44-9	1,2,3,6,7,8-HXCDF	5.26	U	0.0135	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.26	U	0.0175	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.26	U	0.0131	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.399	J	0.0144	5.26	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.26	U	0.0149	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	72918-21-9	1,2,3,7,8,9-HXCDF	5.26	U	0.0182	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	TCDD TEQ	TCDD TEQ	0.0378		0	0	ng/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	6010C	6/13/2013	PH047	9.2		1	7439-89-6	IRON	28500		4.19	44.1	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	6010C	6/13/2013	PH047	9.2		1	7440-70-2	CALCIUM METAL	2300		4.43	22.0	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	6010C	6/14/2013	PH047	9.2		5	7440-50-8	COPPER	15.1		0.991	11.0	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	6010C	6/12/2013	PH047	9.2		1	7429-90-5	ALUMINIUM (FUME OR DUST)	21600		8.49	44.1	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5																						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2	1	11104-28-2	Aroclor 1221	19	U	5.6	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2	1	11126-42-4	Aroclor 5460	36	U	11	36	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2	1	11141-16-5	Aroclor 1232	19	U	4.5	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2	1	12642-23-8	Aroclor 5442	36	U	11	36	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2	1	12672-29-6	Aroclor 1248	19	U	3.6	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2	1	12674-11-2	Aroclor 1016	19	U	3.6	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2	1	37324-23-5	Aroclor 1262	19	U	3.6	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2	1	53469-21-9	Aroclor 1242	19	U	4.5	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2	1	63496-31-1	Aroclor 5432	36	U	11	36	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.6	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	117-84-0	Di-n-octylphthalate	20	U	6.6	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	120-12-7	ANTHRACENE	1.8	U	0.37	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	129-00-0	PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	192-97-2	Benzo(e)pyrene	19	U	3.7	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	208-96-8	ACENAPHTHYLENE	1.8	U	0.37	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	218-01-9	Chrysene	1.8	U	0.37	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	50-32-8	BENZO(A)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	83-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	84-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	84-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	85-01-8	PHENANTHRENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	85-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	86-73-7	FLUORENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	91-20-3	NAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2	1	91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	9045M	6/6/2013	PH047	9.2	1	pH	PH	7.38		0.0100	0.0100	pH unit				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	160.3M	6/11/2013	PH047	10.6	1	MOIST	MOISTURE	10.6		0.10	0.10	%				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6	1	1746-01-6	2,3,7,8-TCDD	1.1	U	0.0132	1.10	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	4.94	U	0.0168	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4	1	57117-31-4	2,3,4,7,8-PECDF	4.94	U	0.0273	4.94	ng/kg	U			1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.94	U	0.0281	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4	1	57117-44-9	1,2,3,6,7,8-HXCDF	4.94	U	0.0153	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.94	U	0.0397	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4	1	60851-34-5	2,3,4,6,7,8-HXCDF	4.94	U	0.0139	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	4.94	U	0.0117	4.94	ng/kg	JB	U	B	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4	1	70648-26-9	1,2,3,4,7,8-HXCDF	4.94										

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8015M	6/21/2013	PH057	2.4		1	PHCC21C30	EFH (C21-C30)	5.1		2.0	5.1	mg/kg			1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8015M	6/21/2013	PH057	2.4		1	PHCC30C40	EFH (C30-C40)	14		4.1	10	mg/kg			1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8015M	6/21/2013	PH057	2.4		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	7.3	J	6.0	18	ug/kg	J	J	Z	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	117-84-0	Di-n-octylphthalate	58		6.0	18	ug/kg			1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	129-00-0	PYRENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	205-99-2	BENZO(B)FLUORANTHENE	0.7	J	0.67	1.7	ug/kg	J	J	Z	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	206-44-0	FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1	218-01-9	Chrysene	2.3		0.34	1.7	ug/kg			1786380	266947.2	-118.70765	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	83-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	84-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	84-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	85-01-8	PHENANTHRENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	86-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	91-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	9045M	6/15/2013	PH057	2.4		1	pH	PH	6.08		0.0100	0.0100	pH unit			1786952	267402.2	-118.70577	
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	160.3M	6/25/2013	PH057	1.8		1	MOIST	MOISTURE	1.8		0.10	0.10	%			1786993	267371	-118.70563	
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	1746-01-6	2,3,7,8-TCDD	1.02	U	0.0331	1.02	ng/kg	U		1786993	267371	-118.70563	
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.653	J	0.0603	5.08	ng/kg	JB	J	Z	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	3268-87-9	OCDD	101		0.0543	10.2	ng/kg	B		1786993	267371	-118.70563	
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	7.45		0.0558	5.08	ng/kg	B		1786993	267371	-118.70563	
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	39001-02-0	OCDF	5.52	J	0.0500	10.2	ng/kg	JB	J	Z	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.08	U	0.0571	5.08	ng/kg	U		1786993	267371	-118.70563	
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.08	U	0.0522	5.08	ng/kg	JBQ	U	B	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0372	1.02	ng/kg	JBQ	U	B	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.08	U	0.0370	5.08	ng/kg	JB	U	B	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	57117-31-4	2,3,4,7,8-PECDF	5.08	U	0.0324	5.08	ng/kg	JBQ	U	B	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.08	U	0.0323	5.08	ng/kg	JB	U	B	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	57117-44-9	1,2,3,6,7,8-HXCDF	5.08	U	0.0277	5.08	ng/kg	JB	U	B	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.568	J	0.0603	5.08	ng/kg	JB	J	Z	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	60851-34-5	2,3,4,6,7,8-HXCDF	0.169	J	0.0280	5.08	ng/kg						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.39	U	0.0591	5.39	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	3268-87-9	OCCD	50.1		0.0838	10.8	ng/kg	B			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	2.81	J	0.0874	5.39	ng/kg	JB	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	39001-02-0	OCCF	10.8	U	0.0878	10.8	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.39	U	0.0587	5.39	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.39	U	0.0566	5.39	ng/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.08	U	0.0586	1.08	ng/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.39	U	0.0589	5.39	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	57117-31-4	2,3,4,7,8-PECDF	5.39	U	0.0311	5.39	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.39	U	0.0314	5.39	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.39	U	0.0379	5.39	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.39	U	0.0604	5.39	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.39	U	0.0377	5.39	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.643	J	0.0423	5.39	ng/kg	JB	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.39	U	0.0382	5.39	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.39	U	0.0441	5.39	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	TCDD TEQ	TCDD TEQ	0.129		0	0	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7429-90-5	ALUMINIUM (FUME OR DUST)	16900	J	7.86	43.6	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7439-89-6	IRON	19200		3.95	43.6	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7439-92-1	LEAD	6.47		0.545	3.27	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7439-93-2	LITHIUM	25.6		0.37	4.4	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7439-95-4	MAGNESIUM	4190		1.82	10.9	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7439-96-5	MANGANESE	266		0.0905	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7439-98-7	MOLYBDENUM	2.18	U	0.185	2.18	mg/kg	J	U	F	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-02-0	NICKEL	9.03		0.142	2.18	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-09-7	POTASSIUM	3070	J	9.09	109	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-23-5	SODIUM	138		18.2	109	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-31-5	TIN	10.9	U	0.240	10.9	mg/kg	J	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-32-6	TITANIUM METAL POWDER	1150		0.185	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-36-0	ANTIMONY	4.36	UJ	0.807	4.36	mg/kg	U	UJ	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-38-2	ARSENIC	4.78		0.763	4.36	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-39-3	BARIUM	89.5		0.0360	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-41-7	BERYLLIUM	0.619	J	0.0731	1.09	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-42-8	BORON	3.21	J	0.916	10.9	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-43-9	CADMIUM	1.09	U	0.0829	1.09	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-47-3	CHROMIUM	15.1		0.174	3.27	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-48-4	COBALT	4.79		0.108	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-50-8	COPPER	7.72		0.316	2.18	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-62-2	VANADIUM (FUME OR DUST)	31.8		0.142	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-66-6	ZINC	54.4		0.218	4.36	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-67-7	ZIRCONIUM	3.08	J	0.916	5.45	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-70-2	CALCIUM METAL	2360	J	3.64	21.8	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7723-14-0	PHOSPHORUS	325	J	3.15	10.9	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6020A	11/27/2013	PH129	9.2	2	7440-22-4	SILVER	0.0362	J	0.0284	0.218	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-1																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		183-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		184-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		184-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		185-01-8	PHENANTHRENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		186-73-7	FLUORENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		191-20-3	NAPHTHALENE	0.91	J	0.73	1.8	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	9045M	11/15/2013	PH129	9.2		1pH	PH	7.71		0.0100	0.0100	pH unit				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	160.3M	11/19/2013	PH129	11.3		1MOIST	MOISTURE	11.3		0.10	0.10	%				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		11746-01-6	2,3,7,8-TCDD	1.07	U	0.0725	1.07	ng/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.37	U	0.0649	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		13268-87-9	OCDD	7.7	J	0.0933	10.7	ng/kg	JB	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.02	J	0.0995	5.37	ng/kg	JBQ	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		139001-02-0	OCDF	10.7	U	0.115	10.7	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.37	U	0.0680	5.37	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.37	U	0.0809	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.07	U	0.0675	1.07	ng/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		155673-89-7	1,2,3,4,7,8-9-HPCDF	5.37	U	0.0714	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		157117-31-4	2,3,4,7,8-PECDF	5.37	U	0.0419	5.37	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.37	U	0.0459	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		157117-44-9	1,2,3,6,7,8-HXCDF	5.37	U	0.0449	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.37	U	0.0708	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		160851-34-5	2,3,4,6,7,8-HXCDF	5.37	U	0.0481	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.37	U	0.0410	5.37	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		170648-26-9	1,2,3,4,7,8-HXCDF	5.37	U	0.0508	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		172918-21-9	1,2,3,7,8,9-HXCDF	5.37	U	0.0489	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		1TCDD TEQ	TCDD TEQ	0.0369		0	0	ng/kg				1785361	267600.5	-118.71103
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		1NDPA122-39-	N-Nitrosodiphenylamine as diphenylamine	170	U	34	170	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1110-91-8	MORPHOLINE	21	U	21	21	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	J	6.1	18	ug/kg	J	J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1117-84-0	Di-n-octylphthalate	18	UJ	6.1	18	ug/kg	U	UJ	C	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1120-12-7	ANTHRACENE	2.8	J	0.34	1.7	ug/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1129-00-0	PYRENE	21	J	0.68	1.7	ug/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1191-24-2	BENZO(G,H,I)PERYLENE	5.9	J	0.68	1.7	ug/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1192-97-2	Benzo(e)pyrene	8.4	J	3.4	17	ug/kg	J	J	FD, Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1193-39-5	INDENO(1,2,3-CD)PYRENE	5.7	J	0.68	1.7	ug/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1205-99-2	BENZO(B)FLUORANTHENE	16	J	0.68	1.7	ug/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1206-44-0	FLUORANTHENE	28	J	0.68	1.7	ug/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO																						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-630B-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273421	LL	8082A	11/24/2013	PH125	0.73		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1785885	267323.3	-118.70929
SL-630B-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273421	LL	8082A	11/24/2013	PH125	0.73		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1785885	267323.3	-118.70929
SL-630B-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273421	LL	8082A	11/24/2013	PH125	0.73		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1785885	267323.3	-118.70929
SL-630B-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273421	LL	8082A	11/24/2013	PH125	0.73		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1785885	267323.3	-118.70929
SL-630B-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273421	LL	8082A	11/24/2013	PH125	0.73		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1785885	267323.3	-118.70929
SL-630B-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273421	LL	8082A	11/24/2013	PH125	0.73		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1785885	267323.3	-118.70929
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	160.3M	11/19/2013	PH125	0.73		1MOIST	MOISTURE	0.73		0.10	0.10	%				1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		111096-82-5	Aroclor 1260	17	U	3.9	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		111097-69-1	Aroclor 1254	17	U	4.4	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		111100-14-4	Aroclor 1268	17	U	3.3	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		111104-28-2	Aroclor 1221	17	U	5.1	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		111126-42-4	Aroclor 5460	33	U	10	33	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		111141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1785875	267317.1	-118.70933
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	160.3M	11/19/2013	PH125	1.1		1MOIST	MOISTURE	1.1		0.10	0.10	%				1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		111096-82-5	Aroclor 1260	17	U	3.9	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		111097-69-1	Aroclor 1254	17	U	4.4	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		111100-14-4	Aroclor 1268	17	U	3.3	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		111104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		111126-42-4	Aroclor 5460	33	U	10	33	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		111141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1785862	267324.5	-118.70937
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	160.3M	11/19/2013	PH125	0.61		1MOIST	MOISTURE	0.61		0.10	0.10	%				1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		11746-01-6	2,3,7,8-TCDD	0.977	U	0.0905	0.977	ng/kg	JBQ	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.291	J	0.0454	4.88	ng/kg	JBQ	J	Z	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		13268-87-9	OCDD	118		0.0331	9.77	ng/kg	B			1785884	267366.2	-118.7093
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-43-9	CADMIUM	1.01	U	0.0335	1.01	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-47-3	CHROMIUM	21.7		0.0893	3.04	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-48-4	COBALT	5.87		0.0913	1.01	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-50-8	COPPER	10.9	J	0.183	2.03	mg/kg		J	A	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-62-2	VANADIUM (FUME OR DUST)	38		0.112	1.01	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-66-6	ZINC	63.1		0.203	4.06	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-67-7	ZIRCONIUM	3.71	J	0.842	5.07	mg/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-70-2	CALCIUM METAL	2090		4.08	20.3	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17723-14-0	PHOSPHORUS	410		0.517	10.1	mg/kg				1786530	267095.7	-118.70716
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	1613B	6/20/2013</																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8015M	6/15/2013	PH051	3.7		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8015M	6/15/2013	PH051	3.7		1	PHCC21C30	EFH (C21-C30)	14		2.1	5.2	mg/kg			1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8015M	6/15/2013	PH051	3.7		1	PHCC30C40	EFH (C30-C40)	31		4.2	10	mg/kg			1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8015M	6/15/2013	PH051	3.7		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	117-84-0	Di-n-octylphthalate	120		6.2	19	ug/kg			1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8270D SIM	6/14/2013	PH047	2.2		1	218-01-9	Chrysene	2.2		0.34	1.7	ug/kg			1786441	266923.3	-118.70745	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	53-70-3	DIBENZO(A,H)ANTHRACENE	0.71	J	0.69	1.7	ug/kg	J	J	Z	1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	83-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	84-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	84-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	85-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	86-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	91-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U		1786868	267219.2	-118.70604	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	9045M	6/8/2013	PH051	3.7		1	pH	PH	6.31		0.0100	0.0100	pH unit			1786868	267219.2	-118.70604	
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	160.3M	6/12/2013	PH051	0.58		1	MOIST	MOISTURE	0.58		0.10	0.10	%			1786797	267207.1	-118.70628	
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	1746-01-6	2,3,7,8-TCDD	0.0294	J	0.0214	0.971	ng/kg	JQ	J	Z	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.85	U	0.0152	4.85	ng/kg	JB	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	3268-87-9	OCDD	9.71	U	0.0193	9.71	ng/kg	JB	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.85	U	0.0186	4.85	ng/kg	JBQ	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	39001-02-0	OCDF	9.71	U	0.0190	9.71	ng/kg	JB	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.018	J	0.0158	4.85	ng/kg	JQ	J	Z	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.85	U	0.0251	4.85	ng/kg	JBQ	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0286	J	0.0162	0.971	ng/kg	JQ	J	Z	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	4.85	U	0.00976	4.85	ng/kg	JB	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	57117-31-4	2,3,4,7,8-PECDF	4.85	U	0.0139	4.85	ng/kg	JBQ	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.85	U	0.0149	4.85	ng/kg	JBQ	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	57117-44-9	1,2,3,6,7,8-HXCDF	4.85	U	0.0147	4.85	ng/kg	JB	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.85	U	0.0171								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8015M	6/15/2013	PH051	0.58	1	PHCC12C14	EFH (C12-C14)	5	U	2.0	5.0	mg/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8015M	6/15/2013	PH051	0.58	1	PHCC15C20	EFH (C15-C20)	5	U	2.0	5.0	mg/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8015M	6/15/2013	PH051	0.58	1	PHCC21C30	EFH (C21-C30)	7.5		2.0	5.0	mg/kg				1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8015M	6/15/2013	PH051	0.58	1	PHCC30C40	EFH (C30-C40)	26		4.0	10	mg/kg				1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8015M	6/15/2013	PH051	0.58	1	PHCC8C11	EFH (C8-C11)	5	U	2.0	5.0	mg/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.0	18	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58	1	117-84-0	Di-n-octylphthalate	13	J	6.0	18	ug/kg	J	J	Z	1786797	267207.1	-118.70628
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	83-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	85-01-8	PHENANTHRENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	86-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	91-20-3	NAPHTHALENE	1.1	J	0.70	1.7	ug/kg	J	J	Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	91-57-6	2-METHYLNAPHTHALENE	0.77	J	0.70	1.7	ug/kg	J	J	Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	9045M	6/3/2013	PH044	4.3	1	pH	PH	6.61		0.0100	0.0100	pH unit				1786856	266977.2	-118.70607
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7429-90-5	ALUMINUM (FUME OR DUST)	16600		7.73	40.1	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7439-89-6	IRON	21200		3.81	40.1	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7439-93-2	LITHIUM	23.6		0.55	4.0	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7439-95-4	MAGNESIUM	4270		1.73	10.0	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7439-96-5	MANGANESE	317		0.0832	1.00	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7439-98-7	MOLYBDENUM	2	U	0.170	2.00	mg/kg	J	U	F, B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-02-0	NICKEL	11.8		0.110	2.00	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-09-7	POTASSIUM	3480		13.5	100	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-23-5	SODIUM	104		16.7	100	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-31-5	TIN	10	U	0.220	10.0	mg/kg	J	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-32-6	TITANIUM METAL POWDER	1140		0.170	1.00	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-36-0	ANTIMONY	4.01	UJ	0.501	4.01	mg/kg	U	UJ	Q	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-38-2	ARSENIC	3.87	J	0.331	4.01	mg/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-39-3	BARIUM	110		0.0331	1.00	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-41-7	BERYLLIUM	0.606	J	0.0671	1.00	mg/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-42-8	BORON	5.38	J	0.832	10.0	mg/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-43-9	CADMIUM	0.625	J	0.0331	1.00	mg/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-47-3	CHROMIUM	19.4	J	0.0882	3.01	mg/kg		J	Q, E	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-48-4	COBALT	5.46		0.0902	1.00	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-62-2	VANADIUM (FUME OR DUST)	35.1		0.110	1.00	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-66-6	ZINC	56.1		0.200	4.01	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-67-7	ZIRCONIUM	2.07	J	0.832	5.01	mg/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-70-2	CALCIUM METAL	2460		4.03	20.0	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7723-14-0	PHOSPHORUS	461	J	0.511	10.0	mg/kg		J	Q	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6020A	6/21/2013	PH054	1.2	2	7782-49-2	SELENIUM	0.168	J	0.100	0.401	mg/kg	J	J	Q, Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6020A	6/21/2013	PH054	1.2	2	7440-22-4	SILVER	0.2	UJ	0.0200	0.200	mg/kg	J	UJ	F, Q	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	160.3M	6/13/2013	PH054	6	1	MOIST	MOISTURE	6		0.10	0.10	%				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6020A	6/21/2013	PH054	1.2	2	7440-24-6	STRONTIUM	37	J	0.0341	0.401	mg/kg		J	Q	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6020A	6/21/2013	PH054	1.2	2	7440-28-0	THALLIUM	0.436	J	0.0301	0.200	mg/kg		J	Q	1786209	266	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		185-01-8	PHENANTHRENE	3.3		0.67	1.7	ug/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		185-68-7	BENZYL BUTYL PHTHALATE	6.5	J	6.1	18	ug/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8315A	6/20/2013	PH054	1.2		150-00-0	FORMALDEHYDE	2000	U	1200	2000	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	9045M	6/12/2013	PH054	1.2		pH	PH	6.55		0.0100	0.0100	pH unit				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		11746-01-6	2,3,7,8-TCDD	1.02	U	0.0412	1.02	ng/kg	JBQ	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.1	U	0.0301	5.10	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		13268-87-9	OCDD	39.7		0.0355	10.2	ng/kg	B			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.9	J	0.0450	5.10	ng/kg	JB	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		139001-02-0	OCDF	10.2	U	0.0343	10.2	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.1	U	0.0261	5.10	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.1	U	0.0480	5.10	ng/kg	JBQ	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0398	1.02	ng/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.1	U	0.0181	5.10	ng/kg	JBQ	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		157117-31-4	2,3,4,7,8-PECDF	5.1	U	0.0252	5.10	ng/kg	JBQ	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.1	U	0.0253	5.10	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		157117-44-9	1,2,3,6,7,8-HXCDF	5.1	U	0.0189	5.10	ng/kg	JBQ	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.1	U	0.0304	5.10	ng/kg	JBQ	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		160851-34-5	2,3,4,6,7,8-HXCDF	5.1	U	0.0165	5.10	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.1	U	0.0114	5.10	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		170648-26-9	1,2,3,4,7,8-HXCDF	5.1	U	0.0195	5.10	ng/kg	JBQ	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		172918-21-9	1,2,3,7,8,9-HXCDF	5.1	U	0.0201	5.10	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		17TCDD TEQ	TCDD TEQ	0.0781		0	0	ng/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/21/2013	PH054	6		17440-50-8	COPPER	6.45	J	0.188	2.09	mg/kg		J	Q	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/24/2013	PH054	6		17439-92-1	LEAD	6.24		0.521	3.13	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17429-90-5	ALUMINUM (FUME OR DUST)	18900		8.04	41.7	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17439-89-6	IRON	23300		3.96	41.7	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17439-93-2	LITHIUM	23.6		0.57	4.2	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17439-95-4	MAGNESIUM	4450		1.80	10.4	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17439-96-5	MANGANESE	178		0.0866	1.04	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17439-98-7	MOLYBDENUM	2.09	U	0.177	2.09	mg/kg	J	U	F, B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17440-02-0	NICKEL	9.35		0.115	2.09	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17440-09-7	POTASSIUM	1570		14.1	104	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17440-23-5	SODIUM	503		17.4	104	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17440-31-5	TIN	10.4	U	0.229	10.4	mg/kg	J	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17440-32-6	TITANIUM METAL POWDER	1170		0.177	1.04	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17440-36-0	ANTIMONY	4.17	UJ	0.521	4.17	mg/kg	U	UJ	Q	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17440-38-2	ARSENIC	3.7	J	0.344	4.17	mg/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/1																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.211	J	0.0471	1.02	ng/kg	JB	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.1	U	0.0439	5.10	ng/kg	JBQ	J	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		157117-31-4	2,3,4,7,8-PECDF	5.1	U	0.0283	5.10	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.424	J	0.0299	5.10	ng/kg	JB	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		157117-44-9	1,2,3,6,7,8-HXCDF	5.1	U	0.0235	5.10	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.541	J	0.0582	5.10	ng/kg	JB	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		160851-34-5	2,3,4,6,7,8-HXCDF	5.1	U	0.0233	5.10	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	1.13	J	0.0332	5.10	ng/kg	JB	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		170648-26-9	1,2,3,4,7,8-HXCDF	5.1	U	0.0259	5.10	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		172918-21-9	1,2,3,7,8,9-HXCDF	0.26	J	0.0281	5.10	ng/kg	JB	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		1TCDD TEQ	TCDD TEQ	0.295		0	0	ng/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17429-90-5	ALUMINUM (FUME OR DUST)	16600		7.19	39.9	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17439-89-6	IRON	21700		3.61	39.9	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17439-92-1	LEAD	8.28		0.499	2.99	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17439-93-2	LITHIUM	23		0.34	4.0	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17439-95-4	MAGNESIUM	4380		1.67	9.98	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17439-96-5	MANGANESE	401		0.0828	0.998	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17439-98-7	MOLYBDENUM	2	U	0.170	2.00	mg/kg	J	U	F, B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-02-0	NICKEL	15.5		0.130	2.00	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-09-7	POTASSIUM	4200		8.32	99.8	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-23-5	SODIUM	81.2	J	16.7	99.8	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-31-5	TIN	9.98	U	0.220	9.98	mg/kg	J	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-32-6	TITANIUM METAL POWDER	1310		0.170	0.998	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-36-0	ANTIMONY	3.99	U	0.738	3.99	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-38-2	ARSENIC	2.91	J	0.698	3.99	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-39-3	BARIUM	126		0.0329	0.998	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-41-7	BERYLLIUM	0.624	J	0.0669	0.998	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-42-8	BORON	5.63	J	0.838	9.98	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-43-9	CADMIUM	0.998	U	0.0758	0.998	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-47-3	CHROMIUM	23.6		0.160	2.99	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-48-4	COBALT	6.19		0.0988	0.998	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-50-8	COPPER	12		0.289	2.00	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-62-2	VANADIUM (FUME OR DUST)	39.4		0.130	0.998	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-66-6	ZINC	59.4		0.200	3.99	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-67-7	ZIRCONIUM	4.99	U	0.838	4.99	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-70-2	CALCIUM METAL	2660		3.33	20.0	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17723-14-0	PHOSPHORUS	437		2.88	9.98	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6020A	6/27/2013	PH059	2.7		27782-49-2	SELENIUM	0.175	J	0.0998	0.399	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		1TCDD TEQ	TCDD TEQ	3.75		0	0	ng/kg				1786829	267467.5	-118.70617
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6020A	6/27/2013	PH059	2.7		27440-22-4	SILVER	0.0661	J	0.0259	0.200	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6020A	6/27/2013	PH059	2.7		27440-24-6	STRONTIUM	26.9		0.0519	0.399	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6020A	6/27/2013	PH059	2.7		27440-28-0	THALLIUM	0.352		0.0299	0.200	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	7471B	6/25/2013	PH059	2.7		17439-97-6	MERCURY	0.0102	J	0.0099	0.0165	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	8015M	6/25/2013	PH059	2.7		2PHCC12C14	EFH (C12-C14)	10	U	4.1	10	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	8015M	6/25/2013	PH059	2.7		2PHCC15C20	EFH (C15-C20)	5.2	J	4.1	10	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	8015M	6																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17439-95-4	MAGNESIUM	4300		1.67	10.0	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17439-96-5	MANGANESE	294	J	0.0830	1.00	mg/kg		J	E	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17439-98-7	MOLYBDENUM	2	U	0.170	2.00	mg/kg	J	U	F, B	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-02-0	NICKEL	13.5		0.130	2.00	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-09-7	POTASSIUM	3300	J	8.34	100	mg/kg		J	Q	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-23-5	SODIUM	113		16.7	100	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-31-5	TIN	10	U	0.220	10.0	mg/kg	J	U	B	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-32-6	TITANIUM METAL POWDER	1230		0.170	1.00	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-36-0	ANTIMONY	4	UJ	0.740	4.00	mg/kg	U	UJ	Q	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-38-2	ARSENIC	4.74		0.700	4.00	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-39-3	BARIUM	105		0.0330	1.00	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-41-7	BERYLLIUM	0.679	J	0.0670	1.00	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-42-8	BORON	10	U	0.840	10.0	mg/kg	J	U	B	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-43-9	CADMIUM	0.188	J	0.0760	1.00	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-47-3	CHROMIUM	21.6		0.160	3.00	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-48-4	COBALT	5.6	J	0.0990	1.00	mg/kg		J	E	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-50-8	COPPER	8.13	J	0.290	2.00	mg/kg		J	A	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-62-2	VANADIUM (FUME OR DUST)	41.1		0.130	1.00	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-66-6	ZINC	54.2		0.200	4.00	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-67-7	ZIRCONIUM	3.89	J	0.840	5.00	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-70-2	CALCIUM METAL	2510		3.34	20.0	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17723-14-0	PHOSPHORUS	328		2.89	10.0	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6020A	6/27/2013	PH060	2		17440-22-4	SILVER	0.0803	J	0.0260	0.200	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6020A	6/27/2013	PH060	2		17440-24-6	STRONTIUM	39.7	J	0.0520	0.400	mg/kg		J	Q	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6020A	6/27/2013	PH060	2		17440-28-0	THALLIUM	0.418		0.0300	0.200	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6020A	6/27/2013	PH060	2		17782-49-2	SELENIUM	0.263	J	0.100	0.400	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	7471B	6/28/2013	PH060	2		17439-97-6	MERCURY	0.0169	U	0.0102	0.0169	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8015M	6/25/2013	PH060	2		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8015M	6/25/2013	PH060	2		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8015M	6/25/2013	PH060	2		1PHCC21C30	EFH (C21-C30)	4.6	J	2.0	5.1	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8015M	6/25/2013	PH060	2		1PHCC30C40	EFH (C30-C40)	9.9	J	4.1	10	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8015M	6/25/2013	PH060	2		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	180	U	61	180	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10117-84-0	Di-n-octylphthalate	160	J	61	180	ug/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10120-12-7	ANTHRACENE	17	U	3.4	17	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10129-00-0	PYRENE	47		6.8	17	ug/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10131-11-3	DIMETHYL PHTHALATE	180	U	61	180	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10191-24-2	BENZO(G,H,I)PERYLENE	17	U	6.8	17	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10192-97-2	Benzo(e)pyrene	170	U	34	170	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	6.8	17	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10205-99-2	BENZO(B)FLUORANTHENE	20		6.8	17	ug/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10206-44-0	FLUORANTHENE	66		6.8	17	ug/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10207-08-9	BENZO(K)FLUORANTHENE	17	U	6.8	17	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10208-96-8	ACENAPHTHYLENE	17	U	3.4	17	ug/kg	U			1786829	267467.5	-118.70617
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1218-01-9	Chrysene	2.7		0.34	1.7	ug/kg				1786508	267378.7	-118.70723
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		1050-32-8	BENZO(A)PYRENE	17	U	6.8	17	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG																					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17439-93-2	LITHIUM	21.5		0.35	4.1	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17439-95-4	MAGNESIUM	4430		1.72	10.3	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17439-96-5	MANGANESE	352	J	0.0853	1.03	mg/kg	J	E		1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17439-98-7	MOLYBDENUM	2.06	U	0.175	2.06	mg/kg	J	U	F, B	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-02-0	NICKEL	14.5		0.134	2.06	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-09-7	POTASSIUM	3730	J	8.57	103	mg/kg		J	Q	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-23-5	SODIUM	94	J	17.2	103	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-31-5	TIN	10.3	U	0.226	10.3	mg/kg	J	U	B	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-32-6	TITANIUM METAL POWDER	1190		0.175	1.03	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-36-0	ANTIMONY	4.11	UJ	0.761	4.11	mg/kg	U	UJ	Q	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-38-2	ARSENIC	5.02		0.720	4.11	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-39-3	BARIUM	113		0.0339	1.03	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-41-7	BERYLLIUM	0.646	J	0.0689	1.03	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-42-8	BORON	10.3	U	0.864	10.3	mg/kg	J	U	B	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-43-9	CADMIUM	0.228	J	0.0781	1.03	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-47-3	CHROMIUM	22.3		0.165	3.08	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-48-4	COBALT	5.75	J	0.102	1.03	mg/kg		J	E	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-50-8	COPPER	9.88	J	0.298	2.06	mg/kg	J	J	A	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-62-2	VANADIUM (FUME OR DUST)	39.4		0.134	1.03	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-66-6	ZINC	58.1		0.206	4.11	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-67-7	ZIRCONIUM	3.03	J	0.864	5.14	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-70-2	CALCIUM METAL	2390		3.43	20.6	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17723-14-0	PHOSPHORUS	396		2.97	10.3	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6020A	6/27/2013	PH060	3.7		27440-22-4	SILVER	0.0888	J	0.0267	0.206	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6020A	6/27/2013	PH060	3.7		27440-24-6	STRONTIUM	40.8	J	0.0535	0.411	mg/kg		J	Q	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6020A	6/27/2013	PH060	3.7		27440-28-0	THALLIUM	0.469		0.0308	0.206	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6020A	6/27/2013	PH060	3.7		27782-49-2	SELENIUM	0.244	J	0.103	0.411	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	7471B	6/28/2013	PH060	3.7		17439-97-6	MERCURY	0.0166	U	0.0099	0.0166	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8015M	6/25/2013	PH060	3.7		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8015M	6/25/2013	PH060	3.7		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8015M	6/25/2013	PH060	3.7		1PHCC21C30	EFH (C21-C30)	6		2.1	5.2	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8015M	6/25/2013	PH060	3.7		1PHCC30C40	EFH (C30-C40)	14		4.2	10	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8015M	6/25/2013	PH060	3.7		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8015M	6/22/2013	PH060	3.7	26.65	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8270D SIM	6/29/2013	PH060	3.7		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8270D SIM	6/29/2013	PH060	3.7		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8270D SIM	6/29/2013	PH060	3.7		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8270D SIM	6/29/2013	PH060	3.7		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8270D SIM	6/29/2013	PH060	3.7		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8270D SIM	6/29/2013	PH060	3.7		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8270D SIM	6/29/2013	PH060	3.7		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786829	267467.5	-118.70617
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	9045M	6/24/2013	PH061	2.9		1pH	PH	6.65		0.0100	0.0100	pH unit				1786945	267465.9	-118.70579
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG																					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	8270D SIM	6/14/2013	PH047	4.8	10	91-57-6	2-METHYLNAPHTHALENE	18	U	7.0	18	ug/kg	U			1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	9045M	6/6/2013	PH047	4.8	1	pH	PH	7.24		0.0100	0.0100	pH unit				1786627	267523.3	-118.70685
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	160.3M	6/11/2013	PH047	3.5	1	MOIST	MOISTURE	3.5		0.10	0.10	%				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	1746-01-6	2,3,7,8-TCDD	0.324	J	0.0319	1.02	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	7.39		0.0375	5.08	ng/kg	B			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	3268-87-9	OCDD	3740		0.0726	10.2	ng/kg	B			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	198		0.0955	5.08	ng/kg	B			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	39001-02-0	OCDF	49.3		0.0209	10.2	ng/kg	B			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	3.54	J	0.0361	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	2.04	J	0.0517	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.584	J	0.0519	1.02	ng/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	1.02	J	0.0409	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	57117-31-4	2,3,4,7,8-PECDF	0.68	J	0.0291	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	1.23	J	0.0312	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.835	J	0.0266	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	7.31		0.0376	5.08	ng/kg	B			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	60851-34-5	2,3,4,6,7,8-HXCDF	1.04	J	0.0240	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	16.2		0.0336	5.08	ng/kg	B			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	70648-26-9	1,2,3,4,7,8-HXCDF	1.25	J	0.0257	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.537	J	0.0287	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	TCDD TEQ	TCDD TEQ	8.14		0	0	ng/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/13/2013	PH047	3.5	5	7440-50-8	COPPER	10.3	U	0.923	10.3	mg/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7429-90-5	ALUMINUM (FUME OR DUST)	16100		7.91	41.0	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7439-89-6	IRON	23800		3.90	41.0	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7439-92-1	LEAD	69.6		0.482	3.08	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7439-93-2	LITHIUM	23		0.56	4.1	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7439-95-4	MAGNESIUM	4840		1.77	10.3	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7439-96-5	MANGANESE	320		0.0852	1.03	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7439-98-7	MOLYBDENUM	2.05	U	0.174	2.05	mg/kg	J	U	F, B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-02-0	NICKEL	13		0.113	2.05	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-09-7	POTASSIUM	3460		13.9	103	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-23-5	SODIUM	85.7	J	17.1	103	mg/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-31-5	TIN	10.3	U	0.226	10.3	mg/kg	J	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-32-6	TITANIUM METAL POWDER	1230		0.174	1.03	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-36-0	ANTIMONY	4.1	U	0.513	4.10	mg/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-38-2	ARSENIC	4.71		0.339	4.10	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-39-3	BARIUM	101		0.0339	1.03	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-41-7	BERYLLIUM	0.606	J	0.0687	1.03	mg/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-42-8	BORON	3.52	J	0.852	10.3	mg/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-43-9	CADMIUM	0.568	J	0.0339	1.03	mg/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-47-3	CHROMIUM	34.2		0.0903	3.08	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-48-4	COBALT	6.17		0.0923	1.03	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-62-2	VANADIUM (FUME OR DUST)	41.9		0.113	1.03	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-66-6	ZINC	108		0.205	4.10	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-67-7	ZIRCONIUM	0.941	J	0.852	5.13	mg/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1218-01-9	Chrysene	2.3		0.34	1.7	ug/kg				1786618	267304	-118.70687
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5	10	50-32-8	BENZO(A)PYRENE	7.6	J	6.9	17	ug/kg	J	J	Z	1786793	267575.2	-118.7063
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	218-01-9	Chrysene	1.8	U	0.35	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	50-32-8	BENZO(A)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	83-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	85-01-8	PHENANTHRENE	0.84	J	0.70	1.8	ug/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	86-73-7	FLUORENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	91-20-3	NAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	9045M	6/7/2013	PH050	5.7	1	pH	PH	6.29		0.0100	0.0100	pH unit				1787194	267554.5	-118.70497
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	160.3M	6/11/2013	PH050	9.7	1	MOIST	MOISTURE	9.7		0.10	0.10	%				1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	1746-01-6	2,3,7,8-TCDD	1.09	U	0.0342	1.09	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.508	J	0.0282	5.43	ng/kg	JB	J	Z	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	3268-87-9	OCDD	5.94	J	0.0310	10.9	ng/kg	JB	J	Z	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.43	U	0.0265	5.43	ng/kg	JB	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	39001-02-0	OCDF	10.9	U	0.0329	10.9	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.43	U	0.0282	5.43	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.43	U	0.0427	5.43	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.09	U	0.0275	1.09	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.43	U	0.0156	5.43	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	57117-31-4	2,3,4,7,8-PECDF	5.43	U	0.0227	5.43	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.43	U	0.0226	5.43	ng/kg	U			1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.43	U	0.0117	5.43	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.43	U	0.0295	5.43	ng/kg	JB	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.43	U	0.0126	5.43	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.43	U	0.00941	5.43	ng/kg	JB	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.43	U	0.0130	5.43	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.43	U	0.0159	5.43	ng/kg	JB	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	TCDD TEQ	TCDD TEQ	0.0984		0	0	ng/kg				1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	6010C	6/17/2013	PH050	9.7	1	7429-90-5	ALUMINIUM (FUME OR DUST)	25900		8.45	43.9	mg/kg				1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	6010C	6/17/2013	PH050	9.7	1	7439-89-6	IRON	23300		4.17	43.9	mg/kg				1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	6010C	6/17/2013	PH050	9.7	1	7439-92-1	LEAD	6.31		0.515	3.29	mg/kg				1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	6010C	6/17/2013	PH050	9.7	1	7439-93-2	LITHI											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1192-97-2	Benzo(e)pyrene	19	U	3.6	19	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91		1218-01-9	Chrysene	1.7		0.33	1.7	ug/kg				1786571	267216.5	-118.70702	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		150-32-8	BENZO(A)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		183-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		184-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		184-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		185-01-8	PHENANTHRENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		186-73-7	FLUORENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		191-20-3	NAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	9045M	6/7/2013	PH050	9.7		1pH	PH	6.23		0.0100	0.0100	pH unit				1787081	267711.2	-118.70535	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	160.3M	6/25/2013	PH057	2.4		1MOIST	MOISTURE	2.4		0.10	0.10	%				1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		11746-01-6	2,3,7,8-TCDD	0.989	U	0.0328	0.989	ng/kg	U			1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.94	U	0.0364	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		13268-87-9	OCDD	4.42	J	0.0472	9.89	ng/kg	JB	J	Z	1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.94	U	0.0379	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		139001-02-0	OCDF	9.89	U	0.0445	9.89	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.94	U	0.0379	4.94	ng/kg	JB	U	B	1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.94	U	0.0464	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.989	U	0.0288	0.989	ng/kg	U			1786952	267402.2	-118.70577	
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		11746-01-6	2,3,7,8-TCDD	1.16	J	0.0626	1.01	ng/kg	Q	J	FD		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.78	J	0.0422	5.05	ng/kg	JB	J	FD, Z		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		13268-87-9	OCDD	1140	J	0.0711	10.1	ng/kg	B	J	FD		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	80.9	J	0.0820	5.05	ng/kg	B	J	FD		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		139001-02-0	OCDF	44.9	J	0.0491	10.1	ng/kg	B	J	FD		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.859	J	0.0455	5.05	ng/kg	JB	J	FD, Z		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.602	J	0.0576	5.05	ng/kg	JBQ	J	FD, Z		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.462	J	0.0962	1.01	ng/kg	J	J	FD, Z		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	2.53	J	0.0312	5.05	ng/kg	JB	J	FD, Z		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		157117-31-4	1,2,3,4,7,8-PECDF	0.92	J	0.0450	5.05	ng/kg	JB	J	FD, Z		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	1.94	J	0.0468	5.05	ng/kg	JB	J	FD, Z		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7																	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-32-6	TITANIUM METAL POWDER	1090		0.178	1.05	mg/kg			1785361	267600.5	-118.71103	
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-36-0	ANTIMONY	4.18	UJ	0.774	4.18	mg/kg	U	UJ	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-38-2	ARSENIC	4.23		0.732	4.18	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-39-3	BARIUM	78.7		0.0345	1.05	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-41-7	BERYLLIUM	0.502	J	0.0701	1.05	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-42-8	BORON	2.33	J	0.879	10.5	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-43-9	CADMIUM	1.05	U	0.0795	1.05	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-47-3	CHROMIUM	15.4		0.167	3.14	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-48-4	COBALT	4.75		0.104	1.05	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-50-8	COPPER	7.79		0.303	2.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-62-2	VANADIUM (FUME OR DUST)	30.8		0.136	1.05	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-66-6	ZINC	62.2		0.209	4.18	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-67-7	ZIRCONIUM	2.83	J	0.879	5.23	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-70-2	CALCIUM METAL	2640	J	3.49	20.9	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7723-14-0	PHOSPHORUS	349	J	3.02	10.5	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6020A	11/27/2013	PH129	7.2		2	7440-22-4	SILVER	0.0318	J	0.0272	0.209	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6020A	11/27/2013	PH129	7.2		2	7440-24-6	STRONTIUM	13		0.0711	0.418	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6020A	11/27/2013	PH129	7.2		2	7440-28-0	THALLIUM	0.252		0.0314	0.209	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6020A	11/27/2013	PH129	7.2		2	7782-49-2	SELENIUM	0.131	J	0.105	0.418	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	7471B	11/26/2013	PH129	7.2		1	7439-97-6	MERCURY	0.0148	J	0.0105	0.0174	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8015M	11/23/2013	PH129	7.2		5	PHCC12C14	EFH (C12-C14)	27	U	11	27	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8015M	11/23/2013	PH129	7.2		5	PHCC15C20	EFH (C15-C20)	27	U	11	27	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8015M	11/23/2013	PH129	7.2		5	PHCC21C30	EFH (C21-C30)	110		11	27	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8015M	11/23/2013	PH129	7.2		5	PHCC30C40	EFH (C30-C40)	240		22	54	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8015M	11/23/2013	PH129	7.2		5	PHCC8C11	EFH (C8-C11)	27	U	11	27	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	11096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	11097-69-1	Aroclor 1254	18	U	4.7	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	11100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	11104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	11126-42-4	Aroclor 5460	35	U	11	35	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	11141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	12642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	12672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	12674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	37324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	53469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	63496-31-1	Aroclor 5432	35	U	11	35	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	190	UJ	64	190	ug/kg	U	UJ	L	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	117-84-0	Di-n-octylphtalate	190	UJ	64	190	ug/kg	U	UJ	L	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	120-12-7	ANTHRACENE	18	U	3.6	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	129-00-0	PYRENE	13	J	7.1	18	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	131-11-3	DIMETHYL PHTHALATE	190	U	64	190	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	191-24-2	BENZO(G,H,I)PERYLENE	15	J	7.1	18	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	192-97-2	Benzo(e)pyrene	180	UJ	36	180	ug/kg	U	UJ	L	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	193-39-5	INDENO(1,2,3-CD)PYRENE	18	U									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-23-5	SODIUM	96.4	J	16.8	101	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-31-5	TIN	10.1	U	0.221	10.1	mg/kg	J	U	B	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-32-6	TITANIUM METAL POWDER	1070		0.171	1.01	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-36-0	ANTIMONY	4.02	UJ	0.744	4.02	mg/kg	U	UJ	Q	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-38-2	ARSENIC	3.56	J	0.704	4.02	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-39-3	BARIUM	80.6		0.0332	1.01	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-41-7	BERYLLIUM	0.661	J	0.0674	1.01	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-42-8	BORON	10.1	UJ	0.845	10.1	mg/kg	U	UJ	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-43-9	CADMIUM	1.01	U	0.0764	1.01	mg/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-47-3	CHROMIUM	36.5		0.161	3.02	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-48-4	COBALT	4.03		0.0995	1.01	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-50-8	COPPER	18.1		0.292	2.01	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-62-2	VANADIUM (FUME OR DUST)	32		0.131	1.01	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-66-6	ZINC	132	J	0.201	4.02	mg/kg		J	Q	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-67-7	ZIRCONIUM	2.73	J	0.845	5.03	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-70-2	CALCIUM METAL	2390		3.36	20.1	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7723-14-0	PHOSPHORUS	278		2.91	10.1	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6020A	12/10/2013	PH134	2.5		2	7782-49-2	SELENIUM	0.208	J	0.101	0.402	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6020A	12/10/2013	PH134	2.5		2	7440-22-4	SILVER	3.03	J	0.0261	0.201	mg/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6020A	12/10/2013	PH134	2.5		2	7440-24-6	STRONTIUM	17.2		0.0684	0.402	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6020A	12/10/2013	PH134	2.5		2	7440-28-0	THALLIUM	0.241		0.0302	0.201	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	7199	12/12/2013	PH134	2.5		1	18540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	3.1	J	0.14	0.40	mg/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	7471B	12/10/2013	PH134	2.5		1	7439-97-6	MERCURY	0.0276		0.0096	0.0160	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8015M	12/7/2013	PH134	2.5		5	PHCC12C14	EFH (C12-C14)	26	U	10	26	mg/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8015M	12/7/2013	PH134	2.5		5	PHCC15C20	EFH (C15-C20)	26	U	10	26	mg/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8015M	12/7/2013	PH134	2.5		5	PHCC21C30	EFH (C21-C30)	32	J	10	26	mg/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8015M	12/7/2013	PH134	2.5		5	PHCC30C40	EFH (C30-C40)	180	J	20	51	mg/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8015M	12/7/2013	PH134	2.5		5	PHCC8C11	EFH (C8-C11)	26	U	10	26	mg/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	11096-42-8	Aroclor 1260	17	U	4.0	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		1	100-01-6	P-NITROANILINE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		1	100-02-7	4-NITROPHENOL	510	U	170	510	ug/kg	U			1786218	267870	-118.7082

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		162-53-3	ANILINE	340	U	170	340	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	170	U	68	170	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		1621-64-7	N-NITROSO-DI-N-PROPYLAMINE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		165-85-0	BENZOIC ACID	510	U	170	510	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		167-72-1	HEXACHLOROETHANE	170	U	34	170	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		17005-72-3	4-CHLOROPHENYL PHENYL ETHER	34	U	17	34	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		177-47-4	HEXACHLOROCYCLOPENTADIENE	510	U	170	510	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		178-59-1	3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		183-32-9	ACENAPHTHENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		184-66-2	DIETHYL PHTHALATE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		184-74-2	Di-n-butylphthalate	170	U	68	170	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		185-01-8	PHENANTHRENE	7	J	3	17	ug/kg	J	J	FD, Z	1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		185-68-7	BENZYL BUTYL PHTHALATE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		186-30-6	N-NITROSODIPHENYLAMINE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		186-73-7	FLUORENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		186-74-8	CARBAZOLE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		187-65-0	2,6-DICHLOROPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082	
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		1TCDD TEQ		0.254		0	0	ng/kg				1786530	267095.7	-118.70716	
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	160.3M	6/18/2013	PH055	8.3		1MOIST	MOISTURE			0.10	0.10	%				1786530	267095.7	-118.70716	
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	9045M	6/13/2013	PH055	7.2		1pH	PH			0.0100	0.0100	pH unit				1786530	267095.7	-118.70716	
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE		7.5	J	6.4	19	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1117-84-0	Di-n-octylphthalate		19	U	6.4	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1120-12-7	ANTHRACENE		1.8	U	0.36	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1129-00-0	PYRENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1131-11-3	DIMETHYL PHTHALATE		19	U	6.4	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1191-24-2	BENZO(G,H,I)PERYLENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1192-97-2	Benzo(e)pyrene		18	U	3.6	18	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1193-39-5	INDENO(1,2,3-CD)PYRENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1205-99-2	BENZO(B)FLUORANTHENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1206-44-0	FLUORANTHENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1207-08-9	BENZO(K)FLUORANTHENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1208-96-8	ACENAPHTHYLENE		1.8	U	0.36	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1218-01-9	Chrysene		1.8	U	0.36	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		150-32-8	BENZO(A)PYRENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		153-70-3	DIBENZO(A,H)ANTHRACENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		156-55-3	BENZO(A)ANTHRACENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		183-32-9	ACENAPHTHENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		184-66-2	DIETHYL PHTHALATE		19	U	6.4	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		184-74-2	Di-n-butylphthalate		19	U	6.4	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		185-01-8	PHENANTHRENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		185-68-7	BENZYL BUTYL PHTHALATE		19	U	6.4	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		186-73-7	FLUORENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		190-12-0	1-METHYLNAPHTHALENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091																				

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6010C	6/11/2013	PH051	1.2	1	7440-48-4	COBALT	5.11		0.0902	1.00	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6010C	6/11/2013	PH051	1.2	1	7440-50-8	COPPER	9.53		0.180	2.00	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6010C	6/11/2013	PH051	1.2	1	7440-62-2	VANADIUM (FUME OR DUST)	32.5		0.110	1.00	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6010C	6/11/2013	PH051	1.2	1	7440-66-6	ZINC	57.1		0.200	4.01	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6010C	6/11/2013	PH051	1.2	1	7440-67-7	ZIRCONIUM	3.49	J	0.832	5.01	mg/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6010C	6/11/2013	PH051	1.2	1	7440-70-2	CALCIUM METAL	2380		4.03	20.0	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6010C	6/11/2013	PH051	1.2	1	7723-14-0	PHOSPHORUS	404		0.511	10.0	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6020A	6/11/2013	PH051	1.2	2	7782-49-2	SELENIUM	0.401	U	0.100	0.401	mg/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6020A	6/11/2013	PH051	1.2	2	7440-22-4	SILVER	0.059	J	0.0200	0.200	mg/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6020A	6/11/2013	PH051	1.2	2	7440-24-6	STRONTIUM	23.4		0.0341	0.401	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6020A	6/11/2013	PH051	1.2	2	7440-28-0	THALLIUM	0.274		0.0301	0.200	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	7471B	6/11/2013	PH051	1.2	1	7439-97-6	MERCURY	0.0144	J	0.0099	0.0165	mg/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8015M	6/15/2013	PH051	1.2	1	PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8015M	6/15/2013	PH051	1.2	1	PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8015M	6/15/2013	PH051	1.2	1	PHCC21C30	EFH (C21-C30)	8.7		2.0	5.1	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8015M	6/15/2013	PH051	1.2	1	PHCC30C40	EFH (C30-C40)	19		4.0	10	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8015M	6/15/2013	PH051	1.2	1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	7.1	J	6.1	18	ug/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	117-84-0	Di-n-octylphtthalate	28	J	6.1	18	ug/kg		J	Q	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	129-00-0	PYRENE	1.3	J	0.67	1.7	ug/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	192-97-2	Benzo(e)pyrene	1.7	UJ	3.4	17	ug/kg	U	UJ	Q	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	1205-99-2	BENZO(B)FLUORANTHENE	1.5	J	0.67	1.7	ug/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	1206-44-0	FLUORANTHENE	1.5	J	0.67	1.7	ug/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	1218-01-9	Chrysene	1.8		0.34	1.7	ug/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	150-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	184-66-2	DIETHYL PHTHALATE	18	UJ	6.1	18	ug/kg	U	UJ	Q	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	184-74-2	Di-n-butylphtthalate	18	U	6.1	18	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	185-01-8	PHENANTHRENE	1.2	J	0.67	1.7	ug/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	186-73-7	FLUORENE	0.75	J	0.67	1.7	ug/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	J	U	F	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	9045M	6/8/2013	PH051	1.2	1	pH	PH	6.3		0.0100	0.0100	pH unit				1786704	267170.3	-118.70658
SL-845-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086820	LL	160.3M	6/12/2013	PH051	1.2	1	MOIST	MOISTURE	1.2		0.10	0.10	%				1786954	267194.7	-118.70576
SL-845-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086820	LL	1613B	6/19/2013	PH051	1.2	1	1746-01-6	2,3,7,8-TCDD	0.0607	J	0.0245	0.996	ng/kg						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-39-3	BARIUM	123		0.0370	1.12	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-41-7	BERYLLIUM	0.729	J	0.0750	1.12	mg/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-42-8	BORON	3.5	J	0.930	11.2	mg/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-43-9	CADMIUM	0.407	J	0.0370	1.12	mg/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-47-3	CHROMIUM	24.9		0.0986	3.36	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-48-4	COBALT	7.37		0.101	1.12	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-50-8	COPPER	13.5		0.202	2.24	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-62-2	VANADIUM (FUME OR DUST)	46.9		0.123	1.12	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-66-6	ZINC	76.4		0.224	4.48	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-67-7	ZIRCONIUM	4.42	J	0.930	5.60	mg/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-70-2	CALCIUM METAL	3210	J	4.50	22.4	mg/kg		J	Q	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17723-14-0	PHOSPHORUS	597	J	0.571	11.2	mg/kg		J	Q	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6020A	6/9/2013	PH044	11.6		17440-22-4	SILVER	0.254	J	0.0224	0.224	mg/kg		J	E	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6020A	6/9/2013	PH044	11.6		17440-24-6	STRONTIUM	25.3	J	0.0381	0.448	mg/kg		J	Q	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6020A	6/4/2013	PH044	11.6		27782-49-2	SELENIUM	0.136	J	0.112	0.448	mg/kg	J	J	E, Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6020A	6/4/2013	PH044	11.6		27440-28-0	THALLIUM	0.387		0.0336	0.224	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	7471B	6/11/2013	PH044	11.6		17439-97-6	MERCURY	0.0206		0.0112	0.0186	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8015M	6/8/2013	PH044	11.6		1PHCC12C14	EFH (C12-C14)	5.7	U	2.3	5.7	mg/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8015M	6/8/2013	PH044	11.6		1PHCC15C20	EFH (C15-C20)	6.3		2.3	5.7	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8015M	6/8/2013	PH044	11.6		1PHCC21C30	EFH (C21-C30)	30		2.3	5.7	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8015M	6/8/2013	PH044	11.6		1PHCC30C40	EFH (C30-C40)	44		4.5	11	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8015M	6/8/2013	PH044	11.6		1PHCC8C11	EFH (C8-C11)	5.7	U	2.3	5.7	mg/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	16	J	6.8	20	ug/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1117-84-0	Di-n-octylphthalate	20	U	6.8	20	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1120-12-7	ANTHRACENE	0.39	J	0.38	1.9	ug/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1129-00-0	PYRENE	4.1		0.75	1.9	ug/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1131-11-3	DIMETHYL PHTHALATE	20	U	6.8	20	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	J	0.75	1.9	ug/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1192-97-2	Benzo(e)pyrene	19	U	3.8	19	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.4	J	0.75	1.9	ug/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1205-99-2	BENZO(B)FLUORANTHENE	5.7		0.75	1.9	ug/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1206-44-0	FLUORANTHENE	5.1		0.75	1.9	ug/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1207-08-9	BENZO(K)FLUORANTHENE	1.9		0.75	1.9	ug/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1208-96-8	ACENAPHTHYLENE	1.9	U	0.38	1.9	ug/kg	U			1786680	266858.6	-118.70666
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1218-01-9	Chrysene	2.5		0.34	1.7	ug/kg				1786768	267135	-118.70637
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		150-32-8	BENZO(A)PYRENE	2.4		0.75	1.9	ug/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		153-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.75	1.9	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		156-55-3	BENZO(A)ANTHRACENE	2.1		0.75	1.9	ug/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.9	U	0.75	1.9	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		183-32-9	ACENAPHTHENE	1.9	U	0.75	1.9	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		184-66-2	DIETHYL PHTHALATE	20	U	6.8	20	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	84-74-2	6/10/2013	PH044	11.6		184-74-2	Di-n-butylphthalate	20	U	6.8	20	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		185-01-8	PHENANTHRENE	2.7		0.75	1.9	ug/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.8	20	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		186-73-7	FLUORENE	1.9	U	0.75	1.9	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		190-12-0	1-METHYLNAPHTHALENE	1.1	J	0.75	1.9	ug/kg	J	J	Z	1786680		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-38-2	ARSENIC	6.22		0.335	4.06	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-39-3	BARIUM	117		0.0335	1.01	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-41-7	BERYLLIUM	0.993	J	0.0680	1.01	mg/kg	J	J	Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-42-8	BORON	1.92	J	0.842	10.1	mg/kg	J	J	Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-43-9	CADMIUM	0.135	J	0.0335	1.01	mg/kg	J	J	Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-47-3	CHROMIUM	25.4		0.0893	3.04	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-48-4	COBALT	6.7		0.0913	1.01	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-50-8	COPPER	9.31		0.183	2.03	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-62-2	VANADIUM (FUME OR DUST)	47.5		0.112	1.01	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-66-6	ZINC	45.2		0.203	4.06	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-67-7	ZIRCONIUM	3.66	J	0.842	5.07	mg/kg	J	J	Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-70-2	CALCIUM METAL	2470	J	4.08	20.3	mg/kg		J	Q	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7723-14-0	PHOSPHORUS	218	J	0.517	10.1	mg/kg		J	Q	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6020A	6/9/2013	PH044	4.3		2	7440-24-6	STRONTIUM	26.6	J	0.0345	0.406	mg/kg		J	Q	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6020A	6/4/2013	PH044	4.3		2	7782-49-2	SELENIUM	0.184	J	0.101	0.406	mg/kg	J	J	E, Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6020A	6/4/2013	PH044	4.3		2	7440-22-4	SILVER	0.0548	J	0.0203	0.203	mg/kg	J	J	E, Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6020A	6/4/2013	PH044	4.3		2	7440-28-0	THALLIUM	0.221		0.0304	0.203	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	7471B	6/11/2013	PH044	4.3		1	7439-97-6	MERCURY	0.0167		0.010	0.0166	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8015M	6/8/2013	PH044	4.3		1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8015M	6/8/2013	PH044	4.3		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8015M	6/8/2013	PH044	4.3		1	PHCC21C30	EFH (C21-C30)	5.2		2.1	5.2	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8015M	6/8/2013	PH044	4.3		1	PHCC30C40	EFH (C30-C40)	12		4.2	10	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8015M	6/8/2013	PH044	4.3		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	117-84-0	Di-n-octylphtthalate	19	U	6.3	19	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	129-00-0	PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	206-44-0	FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1	218-01-9	Chrysene	2		0.34	1.7	ug/kg				1786769	267128.8	-118.70636
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	6010C	6/19/2013	PH054	2.2		1	7440-38-2	ARSENIC	3.75	J	0.334	4.05	mg/kg	J	J	Z	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	6010C	6/19/2013	PH054	2.2		1	7440-39-3	BARIUM	97.7		0.0334	1.01	mg/kg				1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	6010C	6/19/2013	PH054	2.2		1	7440-41-7	BERYLLIUM	0.581	J	0.0678	1.01	mg/kg	J	J	Z	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	6010C	6/19/2013	PH054	2.2		1	7440-42-8	BORON	4.93	J	0.840	10.1	mg/kg	J	J	Z	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	6010C	6/19/2013	PH054	2.2		1	7440-43-9	CADMIUM	0.712	J	0.0334	1.01	mg/kg	J	J	Z	1786340	267056.5	-118.70778
SL-783-SA5A																													

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		1192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		1205-99-2	BENZO(B)FLUORANTHENE	1.8	J	0.69	1.7	ug/kg		J	FD	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		1206-44-0	FLUORANTHENE	1.2	J	0.69	1.7	ug/kg	J	J	FD, Z	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		1218-01-9	Chrysene	1.1	J	0.34	1.7	ug/kg	J	J	FD, Z	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		185-01-8	PHENANTHRENE	0.79	J	0.69	1.7	ug/kg	J	J	FD, Z	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		111096-82-5	Aroclor 1260	18	U	4.0	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		111097-69-1	Aroclor 1254	18	U	4.5	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		111100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		111104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		111141-16-5	Aroclor 1232	18	U	4.2	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		12672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		12674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		153469-21-9	Aroclor 1242	18	U	4.2	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8015M	6/18/2013	PH054	3.2		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8015M	6/18/2013	PH054	3.2		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8015M	6/18/2013	PH054	3.2		1PHCC21C30	EFH (C21-C30)	5.2	UJ	2.1	5.2	mg/kg	U	UJ	FD	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8015M	6/18/2013	PH054	3.2		1PHCC30C40	EFH (C30-C40)	10	UJ	4.1	10	mg/kg	U	UJ	FD	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8015M	6/18/2013	PH054	3.2		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	7471B	6/19/2013	PH054	3.2		17439-97-6	MERCURY	0.0171	UJ	0.0103	0.0171	mg/kg	U	UJ	FD	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	7199	6/22/2013	PH054	3.2		118540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	0.27	J	0.14	0.41	mg/kg	J	J	FD, E, Z	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	6020A	6/21/2013	PH054	3.2		27440-22-4	SILVER	0.207	UJ	0.0207	0.207	mg/kg	U	UJ	FD	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	6020A	6/21/2013	PH054	3.2		27440-24-6	STRONTIUM	22.4	J	0.0351	0.413	mg/kg		J	Q	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	6020A	6/21/2013	PH054	3.2		27440-28-0	THALLIUM	0.283	J	0.0310	0.207	mg/kg		J	Q	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5																								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		13268-87-9	OCDD	40		0.0398	10.3	ng/kg	B			1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	2.79	J	0.0484	5.15	ng/kg	JB	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		139001-02-0	OCDF	0.684	J	0.0374	10.3	ng/kg	JB	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0605	J	0.0356	5.15	ng/kg	JQ	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0448	J	0.0425	5.15	ng/kg	JQ	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.03	U	0.0341	1.03	ng/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.15	U	0.0251	5.15	ng/kg	JBQ	U	B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		157117-31-4	2,3,4,7,8-PECDF	5.15	U	0.0238	5.15	ng/kg	JBQ	U	B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.15	U	0.0240	5.15	ng/kg	JB	U	B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		157117-44-9	1,2,3,6,7,8-HXCDF	5.15	U	0.0193	5.15	ng/kg	JBQ	U	B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.19	J	0.0359	5.15	ng/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		160851-34-5	2,3,4,6,7,8-HXCDF	0.0396	J	0.0192	5.15	ng/kg	JQ	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.335	J	0.0193	5.15	ng/kg	JQ	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		170648-26-9	1,2,3,4,7,8-HXCDF	5.15	U	0.0212	5.15	ng/kg	JBQ	U	B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		172918-21-9	1,2,3,7,8,9-HXCDF	0.182	J	0.0223	5.15	ng/kg	JQ	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		17CDD TEQ	TCDD TEQ	0.0885		0	0	ng/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17429-90-5	ALUMINUM (FUME OR DUST)	20100		7.47	41.5	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17439-89-6	IRON	22100		3.75	41.5	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17439-92-1	LEAD	7.44		0.518	3.11	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17439-93-2	LITHIUM	23.8		0.35	4.1	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17439-95-4	MAGNESIUM	4570		1.73	10.4	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17439-96-5	MANGANESE	324	J	0.0861	1.04	mg/kg		J	E	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17439-98-7	MOLYBDENUM	2.07	U	0.176	2.07	mg/kg	J	U	F, B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-02-0	NICKEL	13		0.135	2.07	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-09-7	POTASSIUM	2850	J	8.65	104	mg/kg		J	Q	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-23-5	SODIUM	89.9	J	17.3	104	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-31-5	TIN	10.4	U	0.228	10.4	mg/kg	J	U	B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-32-6	TITANIUM METAL POWDER	1210		0.176	1.04	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-36-0	ANTIMONY	4.15	UJ	0.767	4.15	mg/kg	U	UJ	Q	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-38-2	ARSENIC	5.36		0.726	4.15	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-39-3	BARIUM	99		0.0342	1.04	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-41-7	BERYLLIUM	0.781	J	0.0695	1.04	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-42-8	BORON	10.4	U	0.871	10.4	mg/kg	J	U	B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-43-9	CADMIUM	0.103	J	0.0788	1.04	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-47-3	CHROMIUM	21.1		0.166	3.11	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-48-4	COBALT	5.95	J	0.103	1.04	mg/kg		J	E	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-50-8	COPPER	8.78	J	0.301	2.07	mg/kg		J	A	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-62-2	VANADIUM (FUME OR DUST)	40.4		0.135	1.04	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-66-6	ZINC	54.6		0.207	4.15	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-67-7	ZIRCONIUM	3.81	J	0.871	5.18	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-70-2	CALCIUM METAL	1960		3.46	20.7	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17723-14-0	PHOSPHORUS	294		3.00	10.4	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6020A	6/27/2013	PH060	4.5		27440-22-4	SILVER	0.0547	J	0.0270	0.207	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6020A	6/27/2013	PH060	4.5		27440-24-6	STRONTIUM	30.2	J	0.0539	0.415	mg/kg		J	Q	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6020A	6/27/2013	PH060	4.5		27440-28-0	THALLIUM	0.374		0.0311	0.207	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659</																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		11746-01-6	2,3,7,8-TCDD	0.0853	J	0.0391	1.02	ng/kg	JQ	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	2.48	J	0.0604	5.10	ng/kg	JB	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		13268-87-9	OCDD	1610		0.0983	10.2	ng/kg	B			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	146		0.109	5.10	ng/kg	B			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		139001-02-0	OCDF	11.1		0.0353	10.2	ng/kg	B			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.87	J	0.0597	5.10	ng/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.524	J	0.0935	5.10	ng/kg	JQ	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.27	J	0.0713	1.02	ng/kg	JB	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.591	J	0.0368	5.10	ng/kg	JBQ	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		157117-31-4	2,3,4,7,8-PECDF	1.29	J	0.0484	5.10	ng/kg	JB	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.877	J	0.0502	5.10	ng/kg	JB	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		157117-44-9	1,2,3,6,7,8-HXCDF	0.815	J	0.0443	5.10	ng/kg	JB	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.94	J	0.0626	5.10	ng/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		160851-34-5	2,3,4,6,7,8-HXCDF	1.07	J	0.0393	5.10	ng/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		167562-39-4	1,2,3,4,6,7,8-HPCDF	9.09		0.0318	5.10	ng/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		170648-26-9	1,2,3,4,7,8-HXCDF	0.968	J	0.0412	5.10	ng/kg	JB	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		172918-21-9	1,2,3,7,8,9-HXCDF	0.666	J	0.0402	5.10	ng/kg	J	J	Z	1786829	267467.5	-118.70617
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-43-9	CADMIUM	0.185	J	0.0750	0.987	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-47-3	CHROMIUM	26		0.158	2.96	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-48-4	COBALT	5.9	J	0.0977	0.987	mg/kg		J	E	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-50-8	COPPER	9.09	J	0.286	1.97	mg/kg		J	A	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-62-2	VANADIUM (FUME OR DUST)	44.7		0.128	0.987	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-66-6	ZINC	57.4		0.197	3.95	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-67-7	ZIRCONIUM	3.41	J	0.829	4.93	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-70-2	CALCIUM METAL	2650		3.30	19.7	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17723-14-0	PHOSPHORUS	381		2.85	9.87	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6020A	6/27/2013	PH061	0.66		27782-49-2	SELENIUM	0.237	J	0.0987	0.395	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6020A	6/27/2013	PH061	0.66		27440-22-4	SILVER	0.0722	J	0.0257	0.197	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6020A	6/27/2013	PH061	0.66		27440-24-6	STRONTIUM	28.8	J	0.0513	0.395	mg/kg		J	Q	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6020A	6/27/2013	PH061	0.66		27440-28-0	THALLIUM	0.377		0.0296	0.197	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	7471B	6/28/2013	PH061	0.66		17439-97-6	MERCURY	0.0156	J	0.010	0.0166	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8015M	6/25/2013	PH061	0.66		1PHCC12C14	EFH (C12-C14)	5	U	2.0	5.0	mg/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8015M	6/25/2013	PH061	0.66		1PHCC15C20	EFH (C15-C20)	5	U	2.0	5.0	mg/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8015M	6/25/2013	PH061	0.66		1PHCC21C30	EFH (C21-C30)	9.9		2.0	5.0	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8015M	6/25/2013	PH061	0.66		1PHCC30C40	EFH (C30-C40)	26		4.0	10	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8015M	6/25/2013	PH061	0.66		1PHCC8C11	EFH (C8-C11)	5	U	2.0	5.0	mg/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	180	U	60	180	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10117-84-0	Di-n-octylphthalate	180	U	60	180	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10120-12-7	ANTHRACENE	17	U	3.3	17	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10129-00-0	PYRENE	10	J	6.7	17	ug/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10131-11-3	DIMETHYL PHTHALATE	180	U	60	180	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10191-24-2	BENZO(G,H,I)PERYLENE	17	U	6.7	17	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10192-97-2	Benzo(e)pyrene	170	U	33	170	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	6.7	17	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10205-99-2	BENZO(B)FLUORANTHENE	17	U	6.7	17	ug/kg	U			1786945</		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	1613B	6/30/2013	PH061	2.9		1	TCDD TEQ	TCDD TEQ	0.0917		0					1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7429-90-5	ALUMINUM (FUME OR DUST)	17600		7.28	40.4	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7439-89-6	IRON	25600		3.66	40.4	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7439-92-1	LEAD	7.99		0.505	3.03	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7439-93-2	LITHIUM	29.2		0.34	4.0	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7439-95-4	MAGNESIUM	5630		1.69	10.1	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7439-96-5	MANGANES	322	J	0.0838	1.01	mg/kg		J	1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7439-98-7	MOLYBDENUM	2.02	U	0.172	2.02	mg/kg	J	U	F, B	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-02-0	NICKEL	18		0.131	2.02	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-09-7	POTASSIUM	3000	J	8.42	101	mg/kg		J	Q	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-23-5	SODIUM	89.9	J	16.9	101	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-31-5	TIN	10.1	U	0.222	10.1	mg/kg	J	U	B	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-32-6	TITANIUM METAL POWDER	1230		0.172	1.01	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-36-0	ANTIMONY	4.04	UJ	0.747	4.04	mg/kg	U	UJ	Q	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-38-2	ARSENIC	7.63		0.707	4.04	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-39-3	BARIUM	94.8		0.0333	1.01	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-41-7	BERYLLIUM	0.726	J	0.0676	1.01	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-42-8	BORON	10.1	U	0.848	10.1	mg/kg	J	U	B	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-43-9	CADMIUM	0.198	J	0.0767	1.01	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-47-3	CHROMIUM	28.4		0.162	3.03	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-48-4	COBALT	6.69	J	0.100	1.01	mg/kg		J	E	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-50-8	COPPER	12.2	J	0.293	2.02	mg/kg		J	A	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-62-2	VANADIUM (FUME OR DUST)	46.6		0.131	1.01	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-66-6	ZINC	65.3		0.202	4.04	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-67-7	ZIRCONIUM	3.6	J	0.848	5.05	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-70-2	CALCIUM METAL	3150		3.37	20.2	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7723-14-0	PHOSPHORUS	517		2.92	10.1	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6020A	6/27/2013	PH061	2.9		2	7782-49-2	SELENIUM	0.248	J	0.101	0.404	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6020A	6/27/2013	PH061	2.9		2	7440-22-4	SILVER	0.0684	J	0.0263	0.202	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6020A	6/27/2013	PH061	2.9		2	7440-24-6	STRONTIUM	34.4	J	0.0525	0.404	mg/kg		J	Q	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6020A	6/27/2013	PH061	2.9		2	7440-28-0	THALLIUM	0.459		0.0303	0.202	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	7471B	6/28/2013	PH061	2.9		1	7439-97-6	MERCURY	0.0169	U	0.0101	0.0169	mg/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8015M	6/26/2013	PH061	2.9	25.72	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U		1786945	267465.9	-118.70579		
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8015M	6/25/2013	PH061	2.9		1	PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8015M	6/25/2013	PH061	2.9		1	PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8015M	6/25/2013	PH061	2.9		1	PHCC21C30	EFH (C21-C30)	5.1	U	2.1	5.1	mg/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8015M	6/25/2013	PH061	2.9		1	PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8015M	6/25/2013	PH061	2.9		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	117-84-0	Di-n-octylphtalate	19	U	6.2	19	ug/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	129-00-0	PYRENE	0.85	J	0.69	1.7	ug/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U		1786945	2674		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6010C	6/17/2013	PH050	3		17440-62-2	VANADIUM (FUME OR DUST)	39.1		0.110	1.00	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6010C	6/17/2013	PH050	3		17440-66-6	ZINC	60.3		0.200	4.00	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6010C	6/17/2013	PH050	3		17440-67-7	ZIRCONIUM	2.8	J	0.831	5.00	mg/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6010C	6/17/2013	PH050	3		17440-70-2	CALCIUM METAL	2950		4.02	20.0	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6010C	6/17/2013	PH050	3		17723-14-0	PHOSPHORUS	386		0.510	10.0	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6020A	6/17/2013	PH050	3		27782-49-2	SELENIUM	0.213	J	0.100	0.400	mg/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6020A	6/17/2013	PH050	3		27440-22-4	SILVER	0.0781	J	0.0200	0.200	mg/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6020A	6/17/2013	PH050	3		27440-24-6	STRONTIUM	35.9	J	0.0340	0.400	mg/kg		J	E, Q, A	1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6020A	6/17/2013	PH050	3		27440-28-0	THALLIUM	0.395	J	0.0300	0.200	mg/kg		J	Q	1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	7471B	6/16/2013	PH050	3		17439-97-6	MERCURY	0.0162	U	0.0097	0.0162	mg/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8015M	6/15/2013	PH050	3		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8015M	6/15/2013	PH050	3		1PHCC15C20	EFH (C15-C20)	2.2	J	2.1	5.2	mg/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8015M	6/15/2013	PH050	3		1PHCC21C30	EFH (C21-C30)	11		2.1	5.2	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8015M	6/15/2013	PH050	3		1PHCC30C40	EFH (C30-C40)	31		4.1	10	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8015M	6/15/2013	PH050	3		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.2	18	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1117-84-0	Di-n-octylphthalate	18	U	6.2	18	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1131-11-3	DIMETHYL PHTHALATE	18	U	6.2	18	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		1218-01-9	Chrysene	1.2	J	0.34	1.7	ug/kg	J	J	Z	1786776	267113.8	-118.70634
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		184-66-2	DIETHYL PHTHALATE	18	U	6.2	18	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		184-74-2	Di-n-butylphthalate	18	U	6.2	18	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.2	18	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	9045M	6/7/2013	PH050	3		1pH	PH	6.67		0.0100	0.0100	pH unit				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	160.3M	6/11/2013	PH050	5.7		1MOIST	MOISTURE	5.7		0.10	0.10	%				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	1613B	6/18/2013	PH050	5.7		11746-01-6	2,3,7,8-TCDD	0.0345	J	0.0200	1.03	ng/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	1613B	6/18/2013	PH050	5.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.16	U	0.0169	5.16	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	1613B	6/18/2013	PH050	5.7		13268-87-9	OCDD	10.3	U	0.0224	10.3	ng/kg	JB	U	B	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N																										

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6010C	6/17/2013	PH050	5.7		1	7440-50-8	COPPER	9.94	J	0.185	2.06	mg/kg		J	A	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6010C	6/17/2013	PH050	5.7		1	7440-62-2	VANADIUM (FUME OR DUST)	47.3		0.113	1.03	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6010C	6/17/2013	PH050	5.7		1	7440-66-6	ZINC	54.1		0.206	4.12	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6010C	6/17/2013	PH050	5.7		1	7440-67-7	ZIRCONIUM	3.98	J	0.855	5.15	mg/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6010C	6/17/2013	PH050	5.7		1	7440-70-2	CALCIUM METAL	2380		4.14	20.6	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6010C	6/17/2013	PH050	5.7		1	7723-14-0	PHOSPHORUS	216		0.525	10.3	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6020A	6/17/2013	PH050	5.7		2	7782-49-2	SELENIUM	0.207	J	0.103	0.412	mg/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6020A	6/17/2013	PH050	5.7		2	7440-22-4	SILVER	0.0593	J	0.0206	0.206	mg/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6020A	6/17/2013	PH050	5.7		2	7440-24-6	STRONTIUM	27.6	J	0.0350	0.412	mg/kg		J	E, Q, A	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6020A	6/17/2013	PH050	5.7		2	7440-28-0	THALLIUM	0.371	J	0.0309	0.206	mg/kg		J	Q	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	7471B	6/16/2013	PH050	5.7		1	7439-97-6	MERCURY	0.0174	U	0.0105	0.0174	mg/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8015M	6/15/2013	PH050	5.7		1	PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8015M	6/15/2013	PH050	5.7		1	PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8015M	6/15/2013	PH050	5.7		1	PHCC21C30	EFH (C21-C30)	6.2		2.1	5.3	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8015M	6/15/2013	PH050	5.7		1	PHCC30C40	EFH (C30-C40)	16		4.2	11	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8015M	6/15/2013	PH050	5.7		1	PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8015M	6/10/2013	PH050	5.7	25.61	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1787194	267554.5	-118.70497	
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7		1	117-84-0	Di-n-octylphtthalate	19	U	6.3	19	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7		1	120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7		1	129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7		1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1787194	267554.5	-118.70497
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	129-00-0	PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.5	19	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	192-97-2	Benzo(e)pyrene	18	U	3.6	18	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	206-44-0	FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	218-01-9	Chrysene	1.8	U	0.36	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	50-32-8	BENZO(A)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	83-32-9	ACENAPHTHENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	84-66-2	DIETHYL PHTHALATE	19	U	6.5	19	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	84-74-2	Di-n-butylphtthalate	19	U	6.5	19	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	85-01-8	PHENANTHRENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.5	19	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	86-73-7	FLUORENE	1.8	U	0.72	1.8	ug/kg						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8082A	11/29/2013	PH132	1.4		111141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8082A	11/29/2013	PH132	1.4		12642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8082A	11/29/2013	PH132	1.4		12672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8082A	11/29/2013	PH132	1.4		12674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8082A	11/29/2013	PH132	1.4		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8082A	11/29/2013	PH132	1.4		153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8082A	11/29/2013	PH132	1.4		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		11024-57-3	HEPTACHLOR EPOXIDE	0.84	U	0.28	0.84	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		11031-07-8	ENDOSULFAN SULFATE	0.46	J	0.33	1.7	ug/kg	J	J	FD, Z	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		12385-85-5	MIREX	1.7	U	0.91	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		1309-00-2	ALDRIN	0.84	U	0.17	0.84	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		1319-84-6	ALPHA-BHC	0.84	U	0.17	0.84	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		1319-85-7	BETA-BHC	1.9	U	0.97	1.9	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		1319-86-8	DELTA-BHC	0.84	U	0.45	0.84	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		133213-65-9	ENDOSULFAN II	1.7	U	0.33	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		153494-70-5	ENDRIN KETONE	1.8	U	0.60	1.8	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		157-74-9	CHLORDANE	17	U	4.0	17	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		158-89-9	gamma-BHC (Lindane)	0.84	U	0.17	0.84	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		160-57-1	DIELDRIN	1.5	J	0.33	1.7	ug/kg	J	J	FD, Z	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		172-20-8	ENDRIN	6.2	U	6.2	6.2	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		172-43-5	Methoxychlor	6.8	U	1.7	6.8	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		172-54-8	4,4'-DDD	1.1	J	0.33	1.7	ug/kg	J	J	FD, Z	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		17421-93-4	ENDRIN ALDEHYDE	1.7	U	0.33	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		176-44-8	HEPTACHLOR	0.84	U	0.17	0.84	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		18001-35-2	Toxaphene	33	U	14	33	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		1959-98-8	ENDOSULFAN I	0.84	U	0.22	0.84	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		2050-29-3	4,4'-DDT	52	J	7.1	34	ug/kg		J	FD	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		2072-55-9	4,4'-DDE	87	J	6.6	34	ug/kg		J	FD	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8015M	12/3/2013	PH132	1.4		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8015M	12/3/2013	PH132	1.4		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8015M	12/3/2013	PH132	1.4		1PHCC21C30	EFH (C21-C30)	4.2	J	2.0	5.1	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8015M	12/3/2013	PH132	1.4		1PHCC30C40	EFH (C30-C40)	9.4	J	4.1	10	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8015M	12/3/2013	PH132	1.4		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	7471B	12/3/2013	PH132	1.4		17439-97-6	MERCURY	0.0441	J	0.0099	0.0164	mg/kg		J	FD	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6020A	12/3/2013	PH132	1.4		27782-49-2	SELENIUM	0.152	J	0.100	0.402	mg/kg	J	J	FD, Z	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6020A	12/3/2013	PH132	1.4		27440-22-4	SILVER	1.38	J	0.0261	0.201	mg/kg		J	FD	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6020A	12/3/2013	PH132	1.4		27440-24-6	STRONTIUM	22.2	J	0.0683	0.402	mg/kg		J	Q	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6020A	12/3/2013	PH132	1.4		27440-28-0	THALLIUM	0.221		0.0301	0.201	mg/kg				1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6010C	12/3/2013	PH132	1.4		17429-90-5	ALUMINUM (FUME OR DUST)	10400		7.24	40.2	mg/kg				1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6010C	12/3/2013	PH132	1.4		17439-89-6	IRON	15700		3.64	40.2	mg/kg				1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6010C	12/3/2013	PH132	1.4		17439-92-1	LEAD	17.6	J	0.502	3.01	mg/kg		J	FD	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6010C	12/3/2013	PH132	1.4		17439-93-2	LITHIUM	14.8		0.34	4.0	mg/kg				1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	1613B	12/4/2013	PH131	2		1	TCDD TEQ	TCDD TEQ	0.126		0					1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7429-90-5	ALUMINUM (FUME OR DUST)	13300		7.21	40.0	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7439-89-6	IRON	20000		3.62	40.0	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7439-92-1	LEAD	8.02		0.500	3.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7439-93-2	LITHIUM	22.3		0.34	4.0	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7439-95-4	MAGNESIUM	4470		1.67	10.0	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7439-96-5	MANGANESE	379		0.0830	1.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7439-98-7	MOLYBDENUM	2	U	0.170	2.00	mg/kg	J	U	F	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-02-0	NICKEL	11.8		0.130	2.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-09-7	POTASSIUM	3240	J	8.34	100	mg/kg		J	Q	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-23-5	SODIUM	78.9	J	16.7	100	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-31-5	TIN	10	U	0.220	10.0	mg/kg	J	U	B	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-32-6	TITANIUM METAL POWDER	1060		0.170	1.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-36-0	ANTIMONY	4	UJ	0.740	4.00	mg/kg	U	UJ	Q	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-38-2	ARSENIC	4.08		0.700	4.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-39-3	BARIUM	86.2		0.0330	1.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-41-7	BERYLLIUM	0.566	J	0.0670	1.00	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-42-8	BORON	2.05	J	0.840	10.0	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-43-9	CADMIUM	1	U	0.0760	1.00	mg/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-47-3	CHROMIUM	19.8		0.160	3.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-48-4	COBALT	4.79		0.0990	1.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-50-8	COPPER	6.34		0.290	2.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-62-2	VANADIUM (FUME OR DUST)	33.5		0.130	1.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-66-6	ZINC	55.9		0.200	4.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-67-7	ZIRCONIUM	2.58	J	0.840	5.00	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-70-2	CALCIUM METAL	2640		3.34	20.0	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7723-14-0	PHOSPHORUS	409	J	2.89	10.0	mg/kg		J	Q	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6020A	12/2/2013	PH131	2		2	7782-49-2	SELENIUM	0.161	J	0.100	0.400	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6020A	12/2/2013	PH131	2		2	7440-22-4	SILVER	0.093	J	0.0260	0.200	mg/kg	J	J	FD, Z	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6020A	12/2/2013	PH131	2		2	7440-24-6	STRONTIUM	22.9	J	0.0680	0.400	mg/kg		J	Q, A	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6020A	12/2/2013	PH131	2		2	7440-28-0	THALLIUM	0.286		0.0300	0.200	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	7471B	11/28/2013	PH131	2		1	7439-97-6	MERCURY	0.0166	U	0.0099	0.0166	mg/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015B	11/27/2013	PH131	2		1	84-15-1	O-TERPHENYL	0.17	U	0.068	0.17	mg/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015B	11/27/2013	PH131	2		1	92-06-8	m-Terphenyl	0.12	J	0.068	0.17	mg/kg	J	J	FD, Z	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015B	11/27/2013	PH131	2		1	92-94-4	p-Terphenyl	0.17	U	0.068	0.17	mg/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015M	11/27/2013	PH131	2	25.46		GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015M	11/26/2013	PH131	2		1	PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015M	11/26/2013	PH131	2		1	PHCC15C20	EFH (C15-C20)	5.1	UJ	2.0	5.1	mg/kg	U	UJ	FD	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015M	11/26/2013	PH131	2		1	PHCC21C30	EFH (C21-C30)	13		2.0	5.1	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015M	11/26/2013	PH131	2		1	PHCC30C40	EFH (C30-C40)	33		4.1	10	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015M	11/26/2013	PH131	2		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8082A	12/1/2013	PH131	2		1	11096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8082A	12/1/2013	PH131	2		1													

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	3268-87-9	OCDD	249		0.0600	10.7	ng/kg	B			1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	16.2		0.0846	5.34	ng/kg	B			1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	39001-02-0	OCDF	19.7		0.0460	10.7	ng/kg	B			1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.188	J	0.0505	5.34	ng/kg	J	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.34	U	0.0454	5.34	ng/kg	JB	U	B	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.237	J	0.0741	1.07	ng/kg	J	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.411	J	0.0441	5.34	ng/kg	JBQ	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	57117-31-4	2,3,4,7,8-PECDF	0.395	J	0.0320	5.34	ng/kg	JB	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.34	U	0.0316	5.34	ng/kg	JB	U	B	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.219	J	0.0457	5.34	ng/kg	JBQ	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.596	J	0.0561	5.34	ng/kg	JBQ	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.23	J	0.0466	5.34	ng/kg	JB	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	4.07	J	0.0292	5.34	ng/kg	JB	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.34	U	0.0484	5.34	ng/kg	JB	U	B	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.248	J	0.0579	5.34	ng/kg	JBQ	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4	1	TCDD TEQ	TCDD TEQ	0.634		0	0	ng/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7429-90-5	ALUMINUM (FUME OR DUST)	14900		8.16	42.3	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7439-89-6	IRON	21100		4.02	42.3	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7439-92-1	LEAD	11.6		0.497	3.17	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7439-93-2	LITHIUM	18.8		0.58	4.2	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7439-95-4	MAGNESIUM	3940		1.83	10.6	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7439-96-5	MANGANESE	390		0.0878	1.06	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7439-98-7	MOLYBDENUM	2.12	U	0.180	2.12	mg/kg	J	U	B, F	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-02-0	NICKEL	13.4	J	0.116	2.12	mg/kg		J	A	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-09-7	POTASSIUM	3820		14.3	106	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-23-5	SODIUM	64.7	J	17.7	106	mg/kg	J	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-31-5	TIN	10.6	U	0.233	10.6	mg/kg	J	U	B	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-32-6	TITANIUM METAL POWDER	1080		0.180	1.06	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-36-0	ANTIMONY	4.23	UJ	0.529	4.23	mg/kg	J	UJ	B, Q	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-38-2	ARSENIC	4.61		0.349	4.23	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-39-3	BARIUM	111		0.0349	1.06	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-41-7	BERYLLIUM	0.642	J	0.0709	1.06	mg/kg	J	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-42-8	BORON	2.72	J	0.878	10.6	mg/kg	J	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-43-9	CADMIUM	0.343	J	0.0349	1.06	mg/kg	J	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-47-3	CHROMIUM	20.8		0.0931	3.17	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-48-4	COBALT	6.4		0.0952	1.06	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-50-8	COPPER	11.1		0.190	2.12	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-62-2	VANADIUM (FUME OR DUST)	36.9		0.116	1.06	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-66-6	ZINC	55.9		0.212	4.23	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-67-7	ZIRCONIUM	3.41	J	0.878	5.29	mg/kg	J	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7440-70-2	CALCIUM METAL	2170	J	4.25	21.2	mg/kg		J	Q	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4	1	7723-14-0	PHOSPHORUS	437	J	0.539	10.6	mg/kg		J	Q	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6020A	6/9/2013	PH044	6.4	2	7440-24-6	STRONTIUM	22.1	J	0.0360	0.423	mg/kg		J	Q	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6020A	6/4/2013	PH044	6.4	2	7782-49-2	SELENIUM	0.128	J	0.106	0.423	mg/kg	J	J	E, Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6020A	6/4/2013	PH044	6.4	2	7440-22-4	SILVER	0.045	J	0.0212	0.212	mg/kg	J	J	E, Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG																					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	3.17	J	0.0851	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	3268-87-9	OCDD	2100		0.121	11.3	ng/kg	B			1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	135		0.203	5.63	ng/kg	B			1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	39001-02-0	OCDF	131		0.0598	11.3	ng/kg	B			1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.4	J	0.0832	5.63	ng/kg	J	J	Z	1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.7	J	0.0663	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.186	J	0.0951	1.13	ng/kg	JQ	J	Z	1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	3.23	J	0.0889	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	57117-31-4	2,3,4,7,8-PECDF	0.837	J	0.0429	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.639	J	0.0462	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.929	J	0.0756	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	3.55	J	0.0903	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	60851-34-5	2,3,4,6,7,8-HXCDF	1.33	J	0.0823	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	27.2		0.0599	5.63	ng/kg	B			1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.937	J	0.0809	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.54	J	0.0944	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	TCDD TEQ	TCDD TEQ	4.48		0	0	ng/kg				1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7429-90-5	ALUMINIUM (FUME OR DUST)	18100		8.64	44.8	mg/kg				1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7439-89-6	IRON	26000		4.26	44.8	mg/kg				1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7439-92-1	LEAD	12.3		0.526	3.36	mg/kg				1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7439-93-2	LITHIUM	26.9		0.62	4.5	mg/kg				1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7439-95-4	MAGNESIUM	5340		1.94	11.2	mg/kg				1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7439-96-5	MANGANESE	410		0.0930	1.12	mg/kg				1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7439-98-7	MOLYBDENUM	2.24	U	0.190	2.24	mg/kg	J		U	B, F	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7440-02-0	NICKEL	16.4	J	0.123	2.24	mg/kg		J	A	1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7440-09-7	POTASSIUM	4960		15.1	112	mg/kg				1786680	266858.6	-118.70666	
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7440-23-5	SODIUM	91.8	J	18.7	112	mg/kg	J		J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7440-31-5	TIN	11.2	U	0.246	11.2	mg/kg	J		U	B	1786680	266858.6	-118.70666
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3	1	86-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791	
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3	1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791	
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3	1	91-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791	
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3	1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791	
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8015M	6/18/2013	PH054	1.3	1	PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786301	267005.4	-118.70791	
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8015M	6/18/2013	PH054	1.3	1	PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786301	267005.4	-118.70791	
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8015M	6/18/2013	PH054	1.3	1	PHCC21C30	EFH (C21-C30)	10		2.0	5.1	mg/kg				1786301	267005.4	-118.70791	
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8015M	6/18/2013	PH054	1.3	1	PHCC30C40	EFH (C30-C40)	25		4.1	10	mg/kg				1786301	267005.4	-118.70791	
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8015M	6/18/2013	PH054	1.3	1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786301	267005.4	-118.70791	
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	7471B	6/19/2013	PH054	1.3	1	7439-97-6	MERCURY	0.0115	J	0.0100	0.0167	mg/kg	J		J	Z	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	6020A	6/21/2013	PH054	1.3	2	7440-22-4	SILVER	0.0534	J	0.0203	0.203	mg/kg	J		J	Q, Z	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	6020A	6/21/2013	PH054	1.3	2	7440-24-6	STRONTIUM	31.1	J	0.0344	0.405	mg/kg			J	Q	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	6020A	6/21/2013	PH054	1.3	2	7440-28-0	THALLIUM	0.335	J	0.0304	0.203	mg/kg			J	Q	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	6020A	6/21/2013	PH054	1.3	2	7782-49-2	SELENIUM	0.181	J	0.101	0.405	mg/kg	J		J	Q, Z	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	6010C	6/19/2013	PH054	1.3	1	7429-90-5	ALUMINIUM (FUME OR DUST)	15500		7.81	40.5	mg/kg				1786301	267005.4	-118.70791	
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	6010C	6/19/2013	PH054	1.3	1	7439-89-6	IRON	18400		3.85	40.5	mg/kg				1786301	267005.4	-118.70791	
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	6010C	6/19/2013	PH054	1.3	1	7439-93-2	LITHIUM												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	1613B	6/21/2013	PH054	1.3		160851-34-5	2,3,4,6,7,8-HXCDF	4.96	U	0.0272	4.96	ng/kg	JB	U	B	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	1613B	6/21/2013	PH054	1.3		167562-39-4	1,2,3,4,6,7,8-HPCDF	3.68	J	0.0197	4.96	ng/kg	JB	U	Z	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	1613B	6/21/2013	PH054	1.3		170648-26-9	1,2,3,4,7,8-HXCDF	4.96	U	0.0305	4.96	ng/kg	JBQ	U	B	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	1613B	6/21/2013	PH054	1.3		172918-21-9	1,2,3,7,8,9-HXCDF	4.96	U	0.0289	4.96	ng/kg	JBQ	U	B	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	1613B	6/21/2013	PH054	1.3		172918-21-9	TCDD TEQ	2.28		0	0	ng/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	160.3M	6/13/2013	PH054	1.3		172918-21-9	MOIST	1.3		0.10	0.10	%				1786301	267005.4	-118.70791
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	9045M	6/12/2013	PH054	2.2		172918-21-9	PH	6.88		0.0100	0.0100	pH unit				1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8315A	6/20/2013	PH054	2.2		150-00-0	FORMALDEHYDE	2000	U	1200	2000	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	14	J	6.1	18	ug/kg	J	J	Z	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1117-84-0	Di-n-octylphthalate	94	J	6.1	18	ug/kg	J	J	FD, I, Q	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1129-00-0	PYRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	I	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1192-97-2	Benzo(e)pyrene	17	UJ	3.4	17	ug/kg	U	UJ	I	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	I	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1205-99-2	BENZO(B)FLUORANTHENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD, I	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1206-44-0	FLUORANTHENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1207-08-9	BENZO(K)FLUORANTHENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	I	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	8270D SIM	6/10/2013	PH043	2.6		1218-01-9	Chrysene	0.91	J	0.34	1.7	ug/kg	J	J	Z	1786602	266995.6	-118.70691
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		150-32-8	BENZO(A)PYRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	I	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	I	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		184-66-2	DIETHYL PHTHALATE	18	UJ	6.1	18	ug/kg	U	UJ	Q	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		185-01-8	PHENANTHRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		111096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		111097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		111100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		111104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		111141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		112672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		112674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		137324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		153469-21-9	Aroclor 1247	17	U	4.2	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		708981																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	6010C	6/27/2013	PH060	1.6		1 7440-70-2	CALCIUM METAL	3620		3.36	20.1	mg/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	6010C	6/27/2013	PH060	1.6		1 7723-14-0	PHOSPHORUS	591		2.91	10.1	mg/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	6020A	6/27/2013	PH060	1.6		2 7440-22-4	SILVER	0.173	J	0.0262	0.201	mg/kg	J	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	6020A	6/27/2013	PH060	1.6		2 7440-24-6	STRONTIUM	33.6	J	0.0523	0.402	mg/kg		J	Q	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	6020A	6/27/2013	PH060	1.6		2 7440-28-0	THALLIUM	0.361		0.0302	0.201	mg/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	6020A	6/27/2013	PH060	1.6		2 7782-49-2	SELENIUM	0.187	J	0.101	0.402	mg/kg	J	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	7471B	6/28/2013	PH060	1.6		1 7439-97-6	MERCURY	0.0401		0.0098	0.0163	mg/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8015M	6/25/2013	PH060	1.6		2 PHCC12C14	EFH (C12-C14)	10	U	4.1	10	mg/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8015M	6/25/2013	PH060	1.6		2 PHCC15C20	EFH (C15-C20)	10	U	4.1	10	mg/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8015M	6/25/2013	PH060	1.6		2 PHCC21C30	EFH (C21-C30)	25		4.1	10	mg/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8015M	6/25/2013	PH060	1.6		2 PHCC30C40	EFH (C30-C40)	85		8.1	20	mg/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8015M	6/25/2013	PH060	1.6		2 PHCC8C11	EFH (C8-C11)	10	U	4.1	10	mg/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	180	U	61	180	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 117-84-0	Di-n-octylphthalate	180	U	61	180	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 120-12-7	ANTHRACENE	3.8	J	3.4	17	ug/kg	J	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 129-00-0	PYRENE	84		6.7	17	ug/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 131-11-3	DIMETHYL PHTHALATE	180	U	61	180	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 191-24-2	BENZO(G,H,I)PERYLENE	7.6	J	6.7	17	ug/kg	J	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 192-97-2	Benzo(e)pyrene	170	U	34	170	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 205-99-2	BENZO(B)FLUORANTHENE	26		6.7	17	ug/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 206-44-0	FLUORANTHENE	110		6.7	17	ug/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 207-08-9	BENZO(K)FLUORANTHENE	7.9	J	6.7	17	ug/kg	J	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 208-96-8	ACENAPHTHYLENE	17	U	3.4	17	ug/kg	U			1786685	267530.7	-118.70665
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8270D SIM	6/10/2013	PH043	13.7		1 218-01-9	Chrysene	1.8	J	0.39	1.9	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 50-32-8	BENZO(A)PYRENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 53-70-3	DIBENZO(A,H)ANTHRACENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 56-55-3	BENZO(A)ANTHRACENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 83-32-9	ACENAPHTHENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 84-66-2	DIETHYL PHTHALATE	180	U	61	180	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 84-74-2	Di-n-butylphthalate	180	U	61	180	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 85-01-8	PHENANTHRENE	80		6.7	17	ug/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 85-68-7	BENZYL BUTYL PHTHALATE	180	U	61	180	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 86-73-7	FLUORENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 90-12-0	1-METHYLNAPHTHALENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 91-20-3	NAPHTHALENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 91-57-6	2-METHYLNAPHTHALENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	9045M	6/20/2013	PH060	1.6		1 pH	PH	6.52		0.0100	0.0100	pH unit				1786685	267530.7	-118.70665
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	160.3M	6/25/2013	PH060	3.8		1 MOIST	MOISTURE	3.8		0.10	0.10	%				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	1613B	6/29/2013	PH060	3.8		1 1746-01-6	2,3,7,8-TCDD	0.0892	J	0.0373	1.03	ng/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	1613B	6/29/2013	PH060	3.8		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	2.09	J	0.0575	5.14	ng/kg	JB	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	1613B	6/29/2013	PH060	3.8		1 3268-87-9	OCDD	973		0.0683	10.3	ng/kg	B			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	1613B	6/29/2013	PH060	3.8		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	58.9		0.0901	5.14	ng/kg	B			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	1613B	6/29/2013	PH060	3.8		1 39001-02-0	OCDF	14.6		0.0332	10.3	ng/kg	B			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	1613B	6/29/2013	PH060	3.8		1 39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOX											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	6010C	6/27/2013	PH060	3.8		1 7440-67-7	ZIRCONIUM	1.87	J	0.856	5.10	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	6010C	6/27/2013	PH060	3.8		1 7440-70-2	CALCIUM METAL	2300		3.40	20.4	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	6010C	6/27/2013	PH060	3.8		1 7723-14-0	PHOSPHORUS	365		2.95	10.2	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	6020A	6/27/2013	PH060	3.8		2 7440-22-4	SILVER	0.0615	J	0.0265	0.204	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	6020A	6/27/2013	PH060	3.8		2 7440-24-6	STRONTIUM	15.4	J	0.0530	0.408	mg/kg		J	Q	1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	6020A	6/27/2013	PH060	3.8		2 7440-28-0	THALLIUM	0.204		0.0306	0.204	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	6020A	6/27/2013	PH060	3.8		2 7782-49-2	SELENIUM	0.157	J	0.102	0.408	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	7471B	6/28/2013	PH060	3.8		1 7439-97-6	MERCURY	0.0172	U	0.0103	0.0172	mg/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8015M	6/25/2013	PH060	3.8		10 PHCC12C14	EFH (C12-C14)	52	U	21	52	mg/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8015M	6/25/2013	PH060	3.8		10 PHCC15C20	EFH (C15-C20)	52	U	21	52	mg/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8015M	6/25/2013	PH060	3.8		10 PHCC21C30	EFH (C21-C30)	350		21	52	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8015M	6/25/2013	PH060	3.8		10 PHCC30C40	EFH (C30-C40)	710		42	100	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8015M	6/25/2013	PH060	3.8		10 PHCC8C11	EFH (C8-C11)	52	U	21	52	mg/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	190	U	62	190	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 117-84-0	Di-n-octylphthalate	190	U	62	190	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 120-12-7	ANTHRACENE	17	U	3.5	17	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 129-00-0	PYRENE	22		6.9	17	ug/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 131-11-3	DIMETHYL PHTHALATE	190	U	62	190	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 191-24-2	BENZO(G,H,I)PERYLENE	17	U	6.9	17	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 192-97-2	Benzo(e)pyrene	180	U	35	180	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	6.9	17	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 205-99-2	BENZO(B)FLUORANTHENE	22		6.9	17	ug/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 206-44-0	FLUORANTHENE	24		6.9	17	ug/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 207-08-9	BENZO(K)FLUORANTHENE	17	U	6.9	17	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 208-96-8	ACENAPHTHYLENE	17	U	3.5	17	ug/kg	U			1786786	267465.2	-118.70632
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1 218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 50-32-8	BENZO(A)PYRENE	7.5	J	6.9	17	ug/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 53-70-3	DIBENZO(A,H)ANTHRACENE	17	U	6.9	17	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 56-55-3	BENZO(A)ANTHRACENE	17	U	6.9	17	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	17	U	6.9	17	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 83-32-9	ACENAPHTHENE	17	U	6.9	17	ug/kg	U			1786786	267465.2	-118.70632
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 1746-01-6	2,3,7,8-TCDD	0.0288	J	0.0230	0.983	ng/kg	JQ	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 19408-74-3	1,2,3,7,8-9-HEXACHLORODIBENZO-P-DIOXIN	0.21	J	0.0349	4.91	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 3268-87-9	OCDD	114		0.0344	9.83	ng/kg	B			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.45		0.0437	4.91	ng/kg	B			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 39001-02-0	OCDF	1.28	J	0.0262	9.83	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0955	J	0.0327	4.91	ng/kg	JQ	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0489	J	0.0246	4.91	ng/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.983	U	0.0256	0.983	ng/kg	JB	U	B	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 55673-89-7	1,2,3,4,7,8,9-HPCDF	4.91	U	0.0179	4.91	ng/kg	JB	U	B	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 57117-31-4	2,3,4,7,8-PECDF	4.91	U	0.0171	4.91	ng/kg	JBQ	U	B	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.138	J	0.0171	4.91	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 57117-44-9	1,2,3,6,7,8-HXCDF	4.91	U	0.0157	4.91	ng/kg	JBQ	U	B	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.227	J	0.0361	4.91	ng/kg	JQ	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 60851-34-5	2,3,4,6,7,8-HXCDF	0.0594	J	0								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8015M	6/25/2013	PH061	2.9		1	PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8015M	6/25/2013	PH061	2.9		1	PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8015M	6/25/2013	PH061	2.9		1	PHCC21C30	EFH (C21-C30)	8.4		2.1	5.1	mg/kg			1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8015M	6/25/2013	PH061	2.9		1	PHCC30C40	EFH (C30-C40)	18		4.1	10	mg/kg			1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8015M	6/25/2013	PH061	2.9		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	6.4	J	6.1	18	ug/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	129-00-0	PYRENE	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	205-99-2	BENZO(B)FLUORANTHENE	1	J	0.68	1.7	ug/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	218-01-9	Chrysene	0.35	J	0.34	1.7	ug/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	83-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	84-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	85-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	86-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	91-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U		1786914	267462.9	-118.70589	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	9045M	6/24/2013	PH061	2.9		1	pH	PH	6.19		0.0100	0.0100	pH unit			1786914	267462.9	-118.70589	
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	160.3M	6/25/2013	PH061	0.66		1	MOIST	MOISTURE	0.66		0.10	0.10	%			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	1746-01-6	2,3,7,8-TCDD	0.167	J	0.0294	1.00	ng/kg	JB	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	2.48	J	0.0659	5.00	ng/kg	JB	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	3268-87-9	OCDD	2300		0.0905	10.0	ng/kg	B		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	127		0.135	5.00	ng/kg	B		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	39001-02-0	OCDF	25.8		0.0382	10.0	ng/kg	B		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.64	J	0.0676	5.00	ng/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.618	J	0.0593	5.00	ng/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.218	J	0.0547	1.00	ng/kg	JB	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.848	J	0.0431	5.00	ng/kg	JB	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	57117-31-4	2,3,4,7,8-PECDF	0.426	J	0.0404	5.00	ng/kg	JB	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.997	J	0.0416	5.00	ng/kg	JB	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	57117-44-9												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	3268-87-9	OCDD	19.8	J	0.0218	10.2	ng/kg	B	J	FD, Q	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.67	J	0.0266	5.09	ng/kg	JB	J	FD, Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	39001-02-0	OCDF	1.54	J	0.0221	10.2	ng/kg	JB	J	FD, Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0394	J	0.0233	5.09	ng/kg	JQ	J	FD, Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.09	U	0.0293	5.09	ng/kg	JB	U	B	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	UJ	0.0191	1.02	ng/kg	U	UJ	FD	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.09	UJ	0.0167	5.09	ng/kg	JB	UJ	B, FD	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	57117-31-4	2,3,4,7,8-PECDF	5.09	UJ	0.0133	5.09	ng/kg	JBQ	UJ	B, FD	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.09	U	0.0139	5.09	ng/kg	JBQ	U	B	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.09	UJ	0.0124	5.09	ng/kg	JB	UJ	B, FD	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.259	J	0.0244	5.09	ng/kg	JBQ	J	Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.09	UJ	0.0113	5.09	ng/kg	JBQ	UJ	B, FD	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.466	J	0.0115	5.09	ng/kg	JB	J	FD, Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.09	UJ	0.0124	5.09	ng/kg	JB	UJ	B, FD	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.09	U	0.0146	5.09	ng/kg	JB	U	B	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8	1	TCDD TEQ	TCDD TEQ	0.194		0	0	ng/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7429-90-5	ALUMINUM (FUME OR DUST)	15000		7.70	40.0	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7439-89-6	IRON	19500		3.80	40.0	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7439-92-1	LEAD	8.56		0.469	3.00	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7439-93-2	LITHIUM	23.8		0.55	4.0	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7439-95-4	MAGNESIUM	4520		1.73	9.99	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7439-96-5	MANGANESE	330		0.0829	0.999	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7439-98-7	MOLYBDENUM	2	U	0.170	2.00	mg/kg	J	U	F, B	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-02-0	NICKEL	15.2		0.110	2.00	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-09-7	POTASSIUM	4040		13.5	99.9	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-23-5	SODIUM	71.7	J	16.7	99.9	mg/kg	J	J	Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-31-5	TIN	9.99	U	0.220	9.99	mg/kg	J	U	B	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-32-6	TITANIUM METAL POWDER	1210		0.170	0.999	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-36-0	ANTIMONY	4	UJ	0.499	4.00	mg/kg	U	UJ	Q	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-38-2	ARSENIC	5.07		0.330	4.00	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-39-3	BARIUM	108		0.0330	0.999	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-41-7	BERYLLIUM	0.644	J	0.0669	0.999	mg/kg	J	J	Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-42-8	BORON	4.78	J	0.829	9.99	mg/kg	J	J	Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-43-9	CADMIUM	0.999	U	0.0330	0.999	mg/kg	U			1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-47-3	CHROMIUM	22.7		0.0879	3.00	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-48-4	COBALT	5.64		0.0899	0.999	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-50-8	COPPER	11.9	J	0.180	2.00	mg/kg		J	A	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-62-2	VANADIUM (FUME OR DUST)	38.3		0.110	0.999	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-66-6	ZINC	64.4		0.200	4.00	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-67-7	ZIRCONIUM	2.94	J	0.829	4.99	mg/kg	J	J	Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7440-70-2	CALCIUM METAL	2490		4.02	20.0	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8	1	7723-14-0	PHOSPHORUS	441		0.509	9.99	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6020A	6/17/2013	PH050	2.8	2	7782-49-2	SELENIUM	0.152	J	0.0999	0.400	mg/kg	J	J	Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6020A	6/17/2013	PH050	2.8	2	7440-22-4	SILVER	0.0441	J	0.0200	0.200	mg/kg	J	J	Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6020A	6/17/2013	PH050	2.8	2	7440-24-6	STRONTIUM	23.5	J	0.0340	0.400	mg/kg		J				

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.09	U	0.0163	5.09	ng/kg	JB	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		13268-87-9	OCDD	10.2	U	0.0225	10.2	ng/kg	JB	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.09	U	0.0154	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		139001-02-0	OCDF	10.2	U	0.0233	10.2	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.027	J	0.0146	5.09	ng/kg	JQ	J	Z	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.09	U	0.0225	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0185	1.02	ng/kg	U			1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.09	U	0.0108	5.09	ng/kg	JB	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		157117-31-4	2,3,4,7,8-PECDF	5.09	U	0.0177	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.09	U	0.0189	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		157117-44-9	1,2,3,6,7,8-HXCDF	5.09	U	0.0118	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.09	U	0.0157	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		160851-34-5	2,3,4,6,7,8-HXCDF	5.09	U	0.0112	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.09	U	0.00629	5.09	ng/kg	JB	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		170648-26-9	1,2,3,4,7,8-HXCDF	5.09	U	0.0125	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		172918-21-9	1,2,3,7,8,9-HXCDF	5.09	U	0.0155	5.09	ng/kg	JB	U	B	1787194	267554.5	-118.70497	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2		17440-67-7	ZIRCONIUM	4	J	0.859	5.11	mg/kg	J	J	Z	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2		17440-70-2	CALCIUM METAL	2410			3.42	20.4	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2		17723-14-0	PHOSPHORUS	393			2.96	10.2	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6020A	8/8/2013	PH077	2.2		27440-22-4	SILVER	0.057	J	0.0266	0.204	mg/kg	J	J	Z	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6020A	8/8/2013	PH077	2.2		27440-24-6	STRONTIUM	25.5		0.0695	0.409	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6020A	8/8/2013	PH077	2.2		27440-28-0	THALLIUM	0.3		0.0307	0.204	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6020A	8/8/2013	PH077	2.2		27782-49-2	SELENIUM	0.132	J	0.102	0.409	mg/kg	J	J	Z	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	7471B	8/1/2013	PH077	2.2		17439-97-6	MERCURY	0.0159	U	0.0095	0.0159	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8015M	8/2/2013	PH077	2.2		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8015M	8/2/2013	PH077	2.2		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8015M	8/2/2013	PH077	2.2		1PHCC21C30	EFH (C21-C30)	5.7			2.0	5.1	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8015M	8/2/2013	PH077	2.2		1PHCC30C40	EFH (C30-C40)	20			4.1	10	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8015M	8/2/2013	PH077	2.2		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		111096-82-5	Aroclor 1260	17	U	3.9	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		111097-69-1	Aroclor 1254	17	U	4.4	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		111100-14-4	Aroclor 1268	17	U	3.3	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		111104-28-2	Aroclor 1221	17	U	5.1	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		111126-42-4	Aroclor 5460	33	U	10	33	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		111141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8270D SIM	8/8/2013	PH077	2.2		1117-81-7	BiS(2-ETHYLHEXYL)PHTHALATE	28	U	9.2	28	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8270D SIM	8/8/2013	PH077	2.2		1117-84-0	Di-n-octylphtalate	28	U	9.2	28	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8270D SIM	8/8/2013	PH077	2.2		1120-12-7	ANTHRACENE	2.6	U	0.51	2.6	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8270D SIM	8/8/2013	PH077	2.2		1129-00-0	PYRENE	1.3	J	1.0	2.6	ug/kg	J	J	Z	1786807	267367.9	-11	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude		
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	1613B	8/8/2013	PH077	7.5		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.39	U	0.0194	5.39	ng/kg	JBQ	U	B	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	1613B	8/8/2013	PH077	7.5		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.39	U	0.00973	5.39	ng/kg	JBQ	U	B	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	1613B	8/8/2013	PH077	7.5		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.39	U	0.00724	5.39	ng/kg	JBQ	U	B	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	1613B	8/8/2013	PH077	7.5		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.39	U	0.0101	5.39	ng/kg	JB	U	B	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	1613B	8/8/2013	PH077	7.5		1	72918-21-9	1,2,3,7,8,9-HXCDF	5.39	U	0.0126	5.39	ng/kg	JBQ	U	B	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	1613B	8/8/2013	PH077	7.5		1	TCDD TEQ	TCDD TEQ	0.0185		0	0	ng/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/9/2013	PH077	7.5		1	7440-42-8	BORON	10.4	U	0.873	10.4	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7429-90-5	ALUMINUM (FUME OR DUST)	18700		7.49	41.6	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7439-89-6	IRON	23900		3.76	41.6	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7439-92-1	LEAD	6.35		0.520	3.12	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7439-93-2	LITHIUM	30.3		0.35	4.2	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7439-95-4	MAGNESIUM	4950		1.74	10.4	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7439-96-5	MANGANESE	350	J	0.0863	1.04	mg/kg		J	E	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7439-98-7	MOLYBDENUM	2.08	U	0.177	2.08	mg/kg	J	U	F, B	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-02-0	NICKEL	13.7	J	0.135	2.08	mg/kg		J	A	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-09-7	POTASSIUM	2430		8.67	104	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-23-5	SODIUM	140		17.4	104	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-31-5	TIN	10.4	U	0.229	10.4	mg/kg	J	U	B	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-32-6	TITANIUM METAL POWDER	1170		0.177	1.04	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-36-0	ANTIMONY	4.16	UJ	0.769	4.16	mg/kg	U		UJ	Q	1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-38-2	ARSENIC	4.95		0.728	4.16	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-39-3	BARIUM	91.3		0.0343	1.04	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-41-7	BERYLLIUM	0.753	J	0.0696	1.04	mg/kg	J		J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-43-9	CADMIUM	1.04	U	0.0790	1.04	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-47-3	CHROMIUM	23.7		0.166	3.12	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-48-4	COBALT	6.17	J	0.103	1.04	mg/kg		J	E	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-50-8	VOPPER	14.9		0.301	2.08	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-62-2	CADMIUM (FUME OR DUST)	42.6		0.135	1.04	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-66-6	ZINC	52.6		0.208	4.16	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-67-7	ZIRCONIUM	5.2	U	0.873	5.20	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-70-2	CALCIUM METAL	2350		3.47	20.8	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7723-14-0	PHOSPHORUS	267	J	3.00	10.4	mg/kg		J	Q	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6020A	8/6/2013	PH077	7.5		2	7782-49-2	SELENIUM	0.139	J	0.104	0.416	mg/kg	J		J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6020A	8/6/2013	PH077	7.5		2	7440-22-4	SILVER	0.0451	J	0.0270	0.208	mg/kg	J		J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6020A	8/6/2013	PH077	7.5		2	7440-24-6	STRONTIUM	19.3		0.0707	0.416	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6020A	8/6/2013	PH077	7.5		2	7440-28-0	THALLIUM	0.273		0.0312	0.208	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	7471B	8/1/2013	PH077	7.5		1	7439-97-6	MERCURY	0.0171	U	0.0103	0.0171	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8015M	8/2/2013	PH077	7.5		1	PHCC12C14	EFH (C12-C14)	5.4	U	2.2	5.4	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8015M	8/2/2013	PH077	7.5		1	PHCC15C20	EFH (C15-C20)	5.4	U	2.2	5.4	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8015M	8/2/2013	PH077	7.5		1	PHCC21C30	EFH (C21-C30)	5.4	U	2.2	5.4	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8015M	8/2/2013	PH077	7.5		1	PHCC30C40	EFH (C30-C40)	11	U	4.3	11	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8015M	8/2/2013	PH077	7.5		1	PHCC8C11	EFH (C8-C11)	5.4	U	2.2	5.4	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8015M	7/31/2013	PH077	7.5	26.1	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786807	267367.9	-118.70625		
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8082A	8/5/2013	PH077	7.5		1	11096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8082A	8/5/2013	PH077	7.5		1														

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.523	J	0.203	5.44	ng/kg	JBQ	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		139001-02-0	OCDF	10.9	U	0.201	10.9	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.44	U	0.162	5.44	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.447	J	0.224	5.44	ng/kg	JB	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.204	J	0.143	1.09	ng/kg	JQ	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.44	U	0.139	5.44	ng/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		157117-31-4	2,3,4,7,8-PECDF	5.44	U	0.112	5.44	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.44	U	0.115	5.44	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		157117-44-9	1,2,3,6,7,8-HXCDF	5.44	U	0.115	5.44	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.44	U	0.171	5.44	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		160851-34-5	2,3,4,6,7,8-HXCDF	5.44	U	0.102	5.44	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.477	J	0.111	5.44	ng/kg	JBQ	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		170648-26-9	1,2,3,4,7,8-HXCDF	5.44	U	0.117	5.44	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		172918-21-9	1,2,3,7,8,9-HXCDF	5.44	U	0.120	5.44	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		1TCDD TEQ	TCDD TEQ	0.577		0	0	ng/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17429-90-5	ALUMINUM (FUME OR DUST)	13300	J	7.91	43.9	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17439-89-6	IRON	19400		3.97	43.9	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17439-92-1	LEAD	6.02		0.549	3.29	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17439-93-2	LITHIUM	26.1		0.37	4.4	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17439-95-4	MAGNESIUM	5050		1.83	11.0	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17439-96-5	MANGANESE	327		0.0911	1.10	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17439-98-7	MOLYBDENUM	2.2	U	0.187	2.20	mg/kg	J	U	F	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-02-0	NICKEL	9.99		0.143	2.20	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-09-7	POTASSIUM	2820	J	9.15	110	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-23-5	SODIUM	135		18.3	110	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-31-5	TIN	11	U	0.241	11.0	mg/kg	J	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-32-6	TITANIUM METAL POWDER	1200		0.187	1.10	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-36-0	ANTIMONY	4.39	UJ	0.812	4.39	mg/kg	U	UJ	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-38-2	ARSENIC	6.06		0.768	4.39	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-39-3	BARIUM	78		0.0362	1.10	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-41-7	BERYLLIUM	0.513	J	0.0735	1.10	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-42-8	BORON	2.38	J	0.922	11.0	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-43-9	CADMIUM	1.1	U	0.0834	1.10	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-47-3	CHROMIUM	19.5		0.176	3.29	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-48-4	COBALT	4.84		0.109	1.10	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-50-8	COPPER	9.27		0.318	2.20	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-62-2	VANADIUM (FUME OR DUST)	34.2		0.143	1.10	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-66-6	ZINC	53.2		0.220	4.39	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-67-7	ZIRCONIUM	2.81	J	0.922	5.49	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-70-2	CALCIUM METAL	7570	J	3.67	22.0	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17723-14-0	PHOSPHORUS	366	J	3.17	11.0	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6020A	11/27/2013	PH129	8.9		27440-22-4	SILVER	0.0687	J	0.0285	0.220	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6020A	11/27/2013	PH129	8.9		27440-24-6	STRONTIUM	15.7		0.0746	0.439	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6020A	11/27/2013	PH129	8.9		27440-28-0	THALLIUM	0.249		0.0329	0.220	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6020A	11/27/2013	PH129	8.9		27782-49-2	SELENIUM	0.314	J	0.110</								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		183-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		184-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		184-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		185-01-8	PHENANTHRENE	1	J	0.73	1.8	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		186-73-7	FLUORENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		190-12-0	1-METHYLNAPHTHALENE	0.74	J	0.73	1.8	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		191-20-3	NAPHTHALENE	1.6	J	0.73	1.8	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		191-57-6	2-METHYLNAPHTHALENE	1.2	J	0.73	1.8	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	9045M	11/15/2013	PH129	8.9		1pH	PH	7.4		0.0100	0.0100	pH unit				1785361	267600.5	-118.71103
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	160.3M	11/26/2013	PH131	2		1MOIST	MOISTURE	2		0.10	0.10	%				1786090	267710.9	-118.70863
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		184-66-2	DIETHYL PHTHALATE	19	U	6.5	19	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		184-74-2	Di-n-butylphthalate	19	U	6.5	19	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		185-01-8	PHENANTHRENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.5	19	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		186-73-7	FLUORENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		191-20-3	NAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	9045M	11/13/2013	PH126	7.3		1pH	PH	7.9		0.0100	0.0100	pH unit				1785828	267382.4	-118.70949
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	160.3M	11/19/2013	PH128	1.9		1MOIST	MOISTURE	1.9		0.10	0.10	%				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		11746-01-6	2,3,7,8-TCDD	0.0396	J	0.0349	0.988	ng/kg	JQ	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.569	J	0.0388	4.94	ng/kg	JB	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		13268-87-9	OCDD	159		0.0451	9.88	ng/kg	B			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	13		0.0401	4.94	ng/kg	B			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		139001-02-0	OCDF	6.63	J	0.0360	9.88	ng/kg	JB	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.12	J	0.0405	4.94	ng/kg	JQ	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.94	U	0.0400	4.94	ng/kg	JBQ	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.119	J	0.0516	0.988	ng/kg	JQ	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.264	J	0.0557	4.94	ng/kg	JBQ	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		157117-31-4	2,3,4,7,8-PECDF	4.94	U	0.0235	4.94	ng/kg	JB	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.584	J	0.0235	4.94	ng/kg	JB	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		157117-44-9	1,2,3,6,7,8-HXCDF	4.94	U	0.0270	4.94	ng/kg	JB	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.739	J	0.0410	4.94	ng/kg	J	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		160851-34-5	2,3,4,6,7,8-HXCDF	4.94	U	0.0287	4.94	ng/kg	JB	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		167562-39-4	1,2,3,4,6,7,8-HPCDF	2.54	J	0.0417	4.94	ng/kg	JB	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		170648-26-9	1,2,3,4,7,8-HXCDF	4.94	U	0.0301	4.94	ng/kg	JB	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		172918-21-9	1,2,3,7,8,9-HXCDF	4.94	U	0.0319	4.94	ng/kg	JBQ	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		1TCDD TEQ	TCDD TEQ	0.489		0	0	ng/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	6010C	11/24/2013	PH128	1.9		17429-90-5	ALUMINUM (FUME OR DUST)	16100		7.21	40.0	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	6010C	11/24/2013	PH128	1.9		17439-89-6	IRON	22800	J	3.62	40.0	mg/kg		J	A	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	6010C	11/24/2013	PH128	1.9		17439-92-1	LEAD	9.53		0.500	3.00	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	6010C	11/24/2013	PH128	1.9		17439-93-2	LITHIUM	25.1		0.34	4.0	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	6010C	11/24/2013	PH128	1.9		17439-95-4	MAGNESIUM	4840		1.67	9.99	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	6010C	11/24/2013	PH128	1.9		17439-96-5	MANGANE											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8082A	11/22/2013	PH128	1.9		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8082A	11/22/2013	PH128	1.9		112672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8082A	11/22/2013	PH128	1.9		112674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8082A	11/22/2013	PH128	1.9		137324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8082A	11/22/2013	PH128	1.9		153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8082A	11/22/2013	PH128	1.9		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1120-12-7	ANTHRACENE	4.9		0.34	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1129-00-0	PYRENE	33		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1191-24-2	BENZO(G,H,I)PERYLENE	80		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1192-97-2	Benzo(e)pyrene	87		3.4	17	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1193-39-5	INDENO(1,2,3-CD)PYRENE	90		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1205-99-2	BENZO(B)FLUORANTHENE	150		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1206-44-0	FLUORANTHENE	39		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1207-08-9	BENZO(K)FLUORANTHENE	52		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1208-96-8	ACENAPHTHYLENE	1.5	J	0.34	1.7	ug/kg	J	J	Z	1785651	267151.3	-118.71006
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1218-01-9	Chrysene	5.7		0.38	1.9	ug/kg				1796680	266858.6	-118.70666
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		150-32-8	BENZO(A)PYRENE	98		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		153-70-3	DIBENZO(A,H)ANTHRACENE	20		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		156-55-3	BENZO(A)ANTHRACENE	48		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		185-01-8	PHENANTHRENE	10		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		190-12-0	1-METHYLNAPHTHALENE	0.75	J	0.68	1.7	ug/kg	J	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		191-20-3	NAPHTHALENE	1.3	J	0.68	1.7	ug/kg	J	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		191-57-6	2-METHYLNAPHTHALENE	1.3	J	0.68	1.7	ug/kg	J	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	9045M	11/14/2013	PH128	1.9		1pH	PH	7.5		0.0100	0.0100	pH unit				1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	160.3M	11/19/2013	PH128	3.3		1MOIST	MOISTURE	3.3		0.10	0.10	%				1785651	267151.3	-118.71006
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1117-84-0	Di-n-octylphthalate	19	U	6.5	19	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1129-00-0	PYRENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1131-11-3	DIMETHYL PHTHALATE	19	U	6.5	19	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1192-97-2	Benzo(e)pyrene	18	U	3.6	18	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1206-44-0	FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1218-01-9	Chrysene											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	6020A	11/26/2013	PH128	11.3		2	7782-49-2	SELENIUM	0.442	U	0.111	0.442	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	6020A	11/26/2013	PH128	11.3		2	7440-22-4	SILVER	0.0629	J	0.0287	0.221	mg/kg	J	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	6020A	11/26/2013	PH128	11.3		2	7440-24-6	STRONTIUM	26.6	J	0.0752	0.442	mg/kg		J	Q	1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	6020A	11/26/2013	PH128	11.3		2	7440-28-0	THALLIUM	0.24		0.0332	0.221	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	7471B	11/25/2013	PH128	11.3		1	7439-97-6	MERCURY	0.011	J	0.0107	0.0178	mg/kg	J	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8015M	11/22/2013	PH128	11.3		1	PHCC12C14	EFH (C12-C14)	5.5	U	2.2	5.5	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8015M	11/22/2013	PH128	11.3		1	PHCC15C20	EFH (C15-C20)	5.5	U	2.2	5.5	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8015M	11/22/2013	PH128	11.3		1	PHCC21C30	EFH (C21-C30)	5.5	U	2.2	5.5	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8015M	11/22/2013	PH128	11.3		1	PHCC30C40	EFH (C30-C40)	11	U	4.4	11	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8015M	11/22/2013	PH128	11.3		1	PHCC8C11	EFH (C8-C11)	5.5	U	2.2	5.5	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8015M	11/21/2013	PH128	11.3	23.72	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785732	267079.7	-118.7098	
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	11096-82-5	Aroclor 1260	19	U	4.4	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	11097-69-1	Aroclor 1254	19	U	4.9	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	11100-14-4	Aroclor 1268	19	U	3.7	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	11104-28-2	Aroclor 1221	19	U	5.7	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	11126-42-4	Aroclor 5460	37	U	11	37	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	11141-16-5	Aroclor 1232	19	U	4.6	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	12642-23-8	Aroclor 5442	37	U	11	37	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	12672-29-6	Aroclor 1248	19	U	3.7	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	12674-11-2	Aroclor 1016	19	U	3.7	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	37324-23-5	Aroclor 1262	19	U	3.7	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	53469-21-9	Aroclor 1242	19	U	4.6	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	63496-31-1	Aroclor 5432	37	U	11	37	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.7	20	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	117-84-0	Di-n-octylphthalate	20	U	6.7	20	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	120-12-7	ANTHRACENE	1.9	U	0.37	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	129-00-0	PYRENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	131-11-3	DIMETHYL PHTHALATE	20	U	6.7	20	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	191-24-2	BENZO(C,H,I)PERYLENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	192-97-2	Benzo(e)pyrene	19	U	3.7	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	205-99-2	BENZO(B)FLUORANTHENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	206-44-0	FLUORANTHENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	207-08-9	BENZO(K)FLUORANTHENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	208-96-8	ACENAPHTHYLENE	1.9	U	0.37	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	218-01-9	Chrysene	0.43	J	0.37	1.9	ug/kg	J	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	50-32-8	BENZO(A)PYRENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	56-55-3	BENZO(A)ANTHRACENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	83-32-9	ACENAPHTHENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	84-66-2	DIETHYL PHTHALATE	20	U	6.7	20	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	84-74-2	Di-n-butylphthalate	20	U	6.7	20	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	85-01-8	PHENANTHRENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	85-68-7	BENZYL BUTYL PHTHALATE	20	U	6.7	20	ug/kg	U			1785732		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-36-0	ANTIMONY	4.32	UJ	0.799	4.32	mg/kg	U	UJ	Q	1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-38-2	ARSENIC	5.52		0.756	4.32	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-39-3	BARIUM	66.7		0.0356	1.08	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-41-7	BERYLLIUM	0.626	J	0.0723	1.08	mg/kg	J	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-42-8	BORON	1.94	J	0.907	10.8	mg/kg	J	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-43-9	CADMIUM	1.08	U	0.0821	1.08	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-47-3	CHROMIUM	19.3		0.173	3.24	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-48-4	COBALT	3.24		0.107	1.08	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-50-8	COPPER	9.84		0.313	2.16	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-62-2	VANADIUM (FUME OR DUST)	39.4		0.140	1.08	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-66-6	ZINC	37.8		0.216	4.32	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-67-7	ZIRCONIUM	4.1	J	0.907	5.40	mg/kg	J	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-70-2	CALCIUM METAL	2330		3.61	21.6	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17723-14-0	PHOSPHORUS	140		3.12	10.8	mg/kg				1785732	267079.7	-118.7098
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		17146-01-6	2,3,7,8-TCDD	0.0659	J	0.0605	1.03	ng/kg	JQ	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		179408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.42	J	0.0397	5.17	ng/kg	JBQ	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		13268-87-9	OCDD	269		0.0350	10.3	ng/kg	B			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	24.7		0.0501	5.17	ng/kg	B			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		139001-02-0	OCDF	22.1		0.0240	10.3	ng/kg	B			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.17	U	0.0409	5.17	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.17	U	0.0461	5.17	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.03	U	0.0573	1.03	ng/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.29	J	0.0226	5.17	ng/kg	JB	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		157117-31-4	2,3,4,7,8-PECDF	5.17	U	0.0248	5.17	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.17	U	0.0273	5.17	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		157117-44-9	1,2,3,6,7,8-HXCDF	5.17	U	0.0268	5.17	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.755	J	0.0437	5.17	ng/kg	JBQ	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		160851-34-5	2,3,4,6,7,8-HXCDF	5.17	U	0.0252	5.17	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17429-90-5	ALUMINIUM (FUME OR DUST)	12600		8.06	44.7	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17439-89-6	IRON	20600		4.05	44.7	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17439-92-1	LEAD	6.04		0.559	3.35	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17439-93-2	LITHIUM	16.7		0.38	4.5	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17439-95-4	MAGNESIUM	3650		1.87	11.2	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17439-96-5	MANGANESE	130		0.0928	1.12	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17439-98-7	MOLYBDENUM	2.24	U	0.190	2.24	mg/kg	J	U	F	1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-02-0	NICKEL	3.73		0.145	2.24	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-09-7	POTASSIUM	1420		9.32	112	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-23-5	SODIUM	134		18.7	112	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-31-5	TIN	11.2	U	0.246	11.2	mg/kg	J	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-32-6	TITANIUM METAL POWDER	1030		0.190	1.12	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-36-0	ANTIMONY	4.47	UJ	0.827	4.47	mg/kg	U	UJ	Q	1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-38-2	ARSENIC	6.53		0.783	4.47	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-39-3	BARIUM	59.9		0.0369	1.12	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-41-7	BERYLLIUM	0.57	J	0.0749	1.12	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-42-8	BORON	2.53	J	0.939	11.2	mg/kg	J	J	Z	17853		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	131-11-3	DIMETHYL PHTHALATE	21	U	6.8	21	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	191-24-2	BENZO(G,H,I)PERYLENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	192-97-2	Benzo(e)pyrene	19	U	3.8	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	193-39-5	INDENO(1,2,3-CD)PYRENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	205-99-2	BENZO(B)FLUORANTHENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	206-44-0	FLUORANTHENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	207-08-9	BENZO(K)FLUORANTHENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	208-96-8	ACENAPHTHYLENE	19	U	0.38	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	218-01-9	Chrysene	19	U	0.38	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	50-32-8	BENZO(A)PYRENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	53-70-3	DIBENZO(A,H)ANTHRACENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	56-55-3	BENZO(A)ANTHRACENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	83-32-9	ACENAPHTHENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	84-66-2	DIETHYL PHTHALATE	21	U	6.8	21	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	84-74-2	Di-n-butylphthalate	21	U	6.8	21	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	85-01-8	PHENANTHRENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	85-68-7	BENZYL BUTYL PHTHALATE	21	U	6.8	21	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	86-73-7	FLUORENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	90-12-0	1-METHYLNAPHTHALENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	91-20-3	NAPHTHALENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	91-57-6	2-METHYLNAPHTHALENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	9045M	11/21/2013	PH132	12.3	1	pH	PH	6.48		0.0100	0.0100	pH unit				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	160.3M	11/28/2013	PH132	9.6	1	MOIST	MOISTURE	9.6		0.10	0.10	%				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	4.71	J	0.0199	5.17	ng/kg	JB	U	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.17	U	0.0276	5.17	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.17	U	0.0232	5.17	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7	1	TCDD TEQ	TCDD TEQ	0.477		0	0	ng/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	1746-01-6	2,3,7,8-TCDD	2.24	U	0.176	2.24	ng/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.49	J	0.0461	11.2	ng/kg	JB	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	3268-87-9	OCDF	7.55	J	0.0392	22.4	ng/kg	JB	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.06	J	0.0568	11.2	ng/kg	JB	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	39001-02-0	OCDF	0.789	J	0.0561	22.4	ng/kg	JB	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	11.2	U	0.0502	11.2	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	11.2	U	0.0824	11.2	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	2.24	U	0.154	2.24	ng/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	11.2	U	0.0242	11.2	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	57117-31-4	2,3,4,7,8-PECDF	11.2	U	0.0469	11.2	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	11.2	U	0.0520	11.2	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	57117-44-9	1,2,3,6,7,8-HXCDF	11.2	U	0.0358	11.2	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.335	J	0.0493	11.2	ng/kg	JBQ	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	60851-34-5	2,3,4,6,7,8-HXCDF	11.2	U	0.0337	11.2	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6	1	7429-90-5	ALUMINUM (FUME OR DUST)	10900		7.90	43.8	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6	1	7439-89-6	IRON	17300		3.96	43.8	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N																										

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-23-5	SODIUM	103		16.8	101	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-31-5	TIN	10.1	U	0.222	10.1	mg/kg	J	U	B	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-32-6	TITANIUM METAL POWDER	1180		0.172	1.01	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-36-0	ANTIMONY	4.04	UJ	0.747	4.04	mg/kg	U	UJ	Q	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-38-2	ARSENIC	4.96		0.706	4.04	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-39-3	BARIUM	104		0.0333	1.01	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-41-7	BERYLLIUM	0.601	J	0.0676	1.01	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-42-8	BORON	4.55	J	0.848	10.1	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-43-9	CADMIUM	1.01	U	0.0767	1.01	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-47-3	CHROMIUM	21.7		0.161	3.03	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-48-4	COBALT	6.01		0.0999	1.01	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-50-8	COPPER	14.9		0.293	2.02	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-62-2	VANADIUM (FUME OR DUST)	36.5		0.131	1.01	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-66-6	ZINC	59		0.202	4.04	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-67-7	ZIRCONIUM	2.15	J	0.848	5.04	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-70-2	CALCIUM METAL	2440		3.37	20.2	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17723-14-0	PHOSPHORUS	335	J	2.92	10.1	mg/kg		J	Q	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6020A	12/9/2013	PH133	4.7		27782-49-2	SELENIUM	0.154	J	0.101	0.404	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6020A	12/9/2013	PH133	4.7		27440-22-4	SILVER	0.0654	J	0.0262	0.202	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6020A	12/9/2013	PH133	4.7		27440-24-6	STRONTIUM	20.6		0.0686	0.404	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6020A	12/9/2013	PH133	4.7		27440-28-0	THALLIUM	0.271		0.0303	0.202	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	7471B	12/7/2013	PH133	4.7		17439-97-6	MERCURY	0.0113	J	0.0103	0.0171	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8015M	12/5/2013	PH133	4.7		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8015M	12/5/2013	PH133	4.7		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8015M	12/5/2013	PH133	4.7		1PHCC21C30	EFH (C21-C30)	9.8		2.1	5.2	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8015M	12/5/2013	PH133	4.7		1PHCC30C40	EFH (C30-C40)	28		4.2	10	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8015M	12/5/2013	PH133	4.7		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		111097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		111100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		111104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		111141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		112672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		112674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		153469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1117-84-0	Di-n-octylphtthalate	19	U	6.3	19	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1129-00-0	PYRENE	3.9	J	0.70	1.7	ug/kg		J	L	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1191-24-2	BENZO(G,H,I)PERYLENE	1.6	J	0.70	1.7	ug/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1192-97-2	Benzo(e)pyrene	5.1	J	3.5	1							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	1613B	12/12/2013	PH133	9.5		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.38	U	0.0197	5.38	ng/kg	JBQ	U	B	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	1613B	12/12/2013	PH133	9.5		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.38	U	0.0298	5.38	ng/kg	JBQ	U	B	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	1613B	12/12/2013	PH133	9.5		1	72918-21-9	1,2,3,7,8,9-HXCDF	0.0647	J	0.0273	5.38	ng/kg	JQ	J	Z	1785955	267194.2	-118.70906
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	87-68-3	HEXACHLORO-1,3-BUTADIENE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	95-47-6	O-XYLENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	95-49-8	2-CHLOROTOLUENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	95-50-1	1,2-DICHLOROBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	95-63-6	1,2,4-TRIMETHYLBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	96-12-8	1,2-Dibromo-3-Chloropropane	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	96-18-4	1,2,3-Trichloropropane	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	98-06-6	TERT-BUTYLBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	98-82-8	Isopropylbenzene	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	99-87-6	CYMENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	994-05-8	Tert-Amyl-Methyl-Ether	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B SIM	11/25/2013	PH129	9.2	21.97	123-91-1	1,4-DIOXANE	15	U	4.8	15	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		110-91-8	MORPHOLINE	22	U	22	22	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	UJ	6.6	20	ug/kg	U	UJ	L	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		117-84-0	Di-n-octylphthalate	20	UJ	6.6	20	ug/kg	U	UJ	L	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		129-00-0	PYRENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		192-97-2	Benzo(e)pyrene	19	UJ	3.6	19	ug/kg	U	UJ	L	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		1205-99-2	BENZO(B)FLUORANTHENE	1.9	J	0.73	1.8	ug/kg		J	FD	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		1206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		1218-01-9	Chrysene	0.65	J	0.36	1.8	ug/kg	J	J	Z	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		150-32-8	BENZO(A)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		183-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		184-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		184-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		185-01-8	PHENANTHRENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		186-73-7	FLUORENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		190-12-0	1-METHYLNAPHTHALENE	1.2	J	0.73	1.8	ug/kg	J	J	FD, Z	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		191-20-3	NAPHTHALENE	1.3	J	0.73	1.8	ug/kg	J	J	Z	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		191-57-6	2-METHYLNAPHTHALENE	1.4	J	0.73	1.8	ug/kg	J	J	FD, Z	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8315A	11/21/2013	PH129	9.2		150-00-0	FORMALDEHYDE	13000		1300	2200	ug/kg				1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	9045M	11/15/2013	PH129	9.2		1pH	PH	7.86		0.0100	0.0100	pH unit				1785404	267503.8	-118.71089	
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	160.3M	11/19/2013	PH129	10		1	MOIST	MOISTURE	10		0.10	0.10	%				1785404	267503.8	-118.71089
SL-518-SA5																													

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17440-47-3	CHROMIUM	20.6		0.173	3.24	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17440-48-4	COBALT	4.45		0.107	1.08	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17440-50-8	COPPER	7.21		0.313	2.16	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17440-62-2	VANADIUM (FUME OR DUST)	46.4		0.140	1.08	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17440-66-6	ZINC	43.1		0.216	4.31	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17440-67-7	ZIRCONIUM	4.06	J	0.906	5.39	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17440-70-2	CALCIUM METAL	3400	J	3.60	21.6	mg/kg		J	E	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17723-14-0	PHOSPHORUS	233	J	3.12	10.8	mg/kg		J	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6020A	11/27/2013	PH129	10		27440-22-4	SILVER	0.055	J	0.0280	0.216	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6020A	11/27/2013	PH129	10		27440-24-6	STRONTIUM	25.2		0.0734	0.431	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6020A	11/27/2013	PH129	10		27440-28-0	THALLIUM	0.233		0.0324	0.216	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6020A	11/27/2013	PH129	10		27782-49-2	SELENIUM	0.208	J	0.108	0.431	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	7199	11/26/2013	PH129	10		118540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	0.44	J	0.16	0.45	mg/kg	J	J	E, Q, Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	7471B	11/26/2013	PH129	10		17439-97-6	MERCURY	0.0181	U	0.0109	0.0181	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8015M	11/23/2013	PH129	10		1PHCC12C14	EFH (C12-C14)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8015M	11/23/2013	PH129	10		1PHCC15C20	EFH (C15-C20)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8015M	11/23/2013	PH129	10		1PHCC21C30	EFH (C21-C30)	7.9		2.2	5.6	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8015M	11/23/2013	PH129	10		1PHCC30C40	EFH (C30-C40)	15		4.4	11	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8015M	11/23/2013	PH129	10		1PHCC8C11	EFH (C8-C11)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8015M	11/21/2013	PH129	10	24.8	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		111096-82-5	Aroclor 1260	19	U	4.3	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		111097-69-1	Aroclor 1254	19	U	4.8	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		111100-14-4	Aroclor 1268	19	U	3.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		111104-28-2	Aroclor 1221	19	U	5.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		111126-42-4	Aroclor 5460	36	U	11	36	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		111141-16-5	Aroclor 1232	19	U	4.5	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		112642-23-8	Aroclor 5442	36	U	11	36	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		112672-29-6	Aroclor 1248	19	U	3.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		112674-11-2	Aroclor 1016	19	U	3.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		137324-23-5	Aroclor 1262	19	U	3.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		153469-21-9	Aroclor 1242	19	U	4.5	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		163496-31-1	Aroclor 5432	36	U	11	36	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	100-41-4	ETHYLBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	100-42-5	STYRENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	10061-01-5	CIS-1,3-DICHLOROPROPENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	10061-02-6	TRANS-1,3-DICHLOROPROPENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	103-65-1	N-PROPYLBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	104-51-8	N-BUTYLBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	106-43-4	4-CHLOROTOLUENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	106-46-7	1,4-DICHLOROBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	106-93-4	1,2-DIBROMOETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	107-02-8	ACROLEIN	110	U	21	110	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	107-06-2	1,2-DICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	107-13-1	ACRYLONITRILE	21	U	4	21	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	108-05-4	VINYL ACETATE	11	U	2	11	ug/kg	U			1785404	267503.8	-118.71089
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5																				

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1117-84-0	Di-n-octylphthalate	18	U	6.2	18	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1120-12-7	ANTHRACENE	1.7	UJ	0.34	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1129-00-0	PYRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1131-11-3	DIMETHYL PHTHALATE	18	U	6.2	18	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1192-97-2	Benzo(e)pyrene	1.7	UJ	3.4	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1205-99-2	BENZO(B)FLUORANTHENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1206-44-0	FLUORANTHENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1207-08-9	BENZO(K)FLUORANTHENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1208-96-8	ACENAPHTHYLENE	1.7	UJ	0.34	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1218-01-9	Chrysene	1.7	UJ	0.34	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		150-32-8	BENZO(A)PYRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		156-55-3	BENZO(A)ANTHRACENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		184-66-2	DIETHYL PHTHALATE	18	U	6.2	18	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		184-74-2	Di-n-butylphthalate	18	U	6.2	18	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		185-01-8	PHENANTHRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.2	18	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	9045M	11/13/2013	PH126	2.5	1pH	PH	7.76		0.0100	0.0100	pH unit				1785828	267382.4	-118.70949	
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	160.3M	11/19/2013	PH128	4.3	1	MOIST	MOISTURE	4.3		0.10	0.10	%				1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		11746-01-6	2,3,7,8-TCDD	1	U	0.0643	1.00	ng/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.417	J	0.0450	5.00	ng/kg	JB	J	Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		13268-87-9	OCDD	27.7	J	0.0419	10.0	ng/kg	B	J	FD	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	2.72	J	0.0503	5.00	ng/kg	JB	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		139001-02-0	OCDF	1.79	J	0.0486	10.0	ng/kg	JB	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.24	J	0.0481	5.00	ng/kg	JQ	J	Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5	UJ	0.0594	5.00	ng/kg	JBQ	UJ	B, FD	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1	UJ	0.0601	1.00	ng/kg	U	UJ	FD	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.304	J	0.0367	5.00	ng/kg	JB	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		157117-31-4	2,3,4,7,8-PECDF	5	U	0.0329	5.00	ng/kg	JBQ	U	B	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.385	J	0.0328	5.00	ng/kg	JBQ	J	Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		157117-44-9	1,2,3,6,7,8-HXCDF	5	U	0.0359	5.00	ng/kg	JB	U	B	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.39	J	0.0507	5.00	ng/kg	J	J	Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		160851-34-5	2,3,4,6,7,8-HXCDF	0.296	J	0.0389	5.00	ng/kg	JB	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-																				

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.2	U	0.0246	5.20	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		160851-34-5	2,3,4,6,7,8-HXCDF	5.2	U	0.0207	5.20	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.2	U	0.00947	5.20	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		170648-26-9	1,2,3,4,7,8-HXCDF	5.2	U	0.0214	5.20	ng/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		172918-21-9	1,2,3,7,8,9-HXCDF	5.2	U	0.0239	5.20	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		17CDD TEQ	TCDD TEQ	0.000105		0	0	ng/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17429-90-5	ALUMINUM (FUME OR DUST)	20100		7.51	41.7	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17439-89-6	IRON	25900		3.77	41.7	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17439-92-1	LEAD	8.2		0.521	3.13	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17439-93-2	LITHIUM	27.1		0.35	4.2	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17439-95-4	MAGNESIUM	5660		1.74	10.4	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17439-96-5	MANGANESE	235		0.0865	1.04	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17439-98-7	MOLYBDENUM	0.313	J	0.177	2.08	mg/kg	J	J	F	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-02-0	NICKEL	7.86		0.135	2.08	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-09-7	POTASSIUM	1590		8.69	104	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-23-5	SODIUM	129		17.4	104	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-31-5	TIN	10.4	U	0.229	10.4	mg/kg	J	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-32-6	TITANIUM METAL POWDER	1340		0.177	1.04	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-36-0	ANTIMONY	4.17	UJ	0.771	4.17	mg/kg	U	UJ	Q	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-38-2	ARSENIC	7.08		0.730	4.17	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-39-3	BARIUM	87.9		0.0344	1.04	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-41-7	BERYLLIUM	0.814	J	0.0698	1.04	mg/kg	J	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-42-8	BORON	2.91	J	0.875	10.4	mg/kg	J	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-43-9	CADMIUM	0.174	J	0.0792	1.04	mg/kg	J	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-47-3	CHROMIUM	23.4		0.167	3.13	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-48-4	COBALT	5.17		0.103	1.04	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-50-8	COPPER	8.97		0.302	2.08	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-62-2	VANADIUM (FUME OR DUST)	44.7		0.135	1.04	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-66-6	ZINC	51.6		0.208	4.17	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-67-7	ZIRCONIUM	1.24	J	0.875	5.21	mg/kg	J	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-70-2	CALCIUM METAL	2880		3.48	20.8	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17723-14-0	PHOSPHORUS	295		3.01	10.4	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6020A	12/3/2013	PH135	5		27440-22-4	SILVER	0.208	U	0.0271	0.208	mg/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6020A	12/3/2013	PH135	5		27782-49-2	SELENIUM	0.105	J	0.104	0.417	mg/kg	J	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6020A	12/3/2013	PH135	5		27440-24-6	STRONTIUM	23.1	J	0.0709	0.417	mg/kg		J	Q	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6020A	12/3/2013	PH135	5		27440-28-0	THALLIUM	0.244		0.0313	0.208	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	7471B	12/3/2013	PH135	5		17439-97-6	MERCURY	0.0134	J	0.010	0.0166	mg/kg	J	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8015M	12/7/2013	PH135	5		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8015M	12/7/2013	PH135	5		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8015M	12/7/2013	PH135	5		1PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8015M	12/7/2013	PH135	5		1PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8015M	12/7/2013	PH135	5		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8015M	12/5/2013	PH135	5	25.15	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8082A	12/9/2013	PH135	5		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8082A	12/9/2013	PH135	5		111097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8082A	12/9/2013																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	9045M	11/27/2013	PH135	5		1 pH	PH	6.48		0.0100	0.0100	pH unit				1786121	267810.2	-118.70853
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	160.3M	12/6/2013	PH135	3.2		1 MOIST	MOISTURE	3.2		0.10	0.10	%				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 1746-01-6	2,3,7,8-TCDD	1.02	U	0.0742	1.02	ng/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.08	U	0.0464	5.08	ng/kg	JBQ	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 3268-87-9	OCDD	89.2		0.0335	10.2	ng/kg	B			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	8.2		0.0537	5.08	ng/kg	B			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 39001-02-0	OCDF	6.8	J	0.0541	10.2	ng/kg	JB	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.08	U	0.0478	5.08	ng/kg	JBQ	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0589	J	0.0444	5.08	ng/kg	JQ	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0594	1.02	ng/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 55673-89-7	1,2,3,4,7,8,9-HPCDF	5.08	U	0.0267	5.08	ng/kg	JB	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 57117-31-4	2,3,4,7,8-PECDF	5.08	U	0.0270	5.08	ng/kg	JBQ	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.0634	J	0.0275	5.08	ng/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 57117-44-9	1,2,3,6,7,8-HXCDF	5.08	U	0.0348	5.08	ng/kg	JBQ	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.301	J	0.0510	5.08	ng/kg	JB	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 60851-34-5	2,3,4,6,7,8-HXCDF	5.08	U	0.0351	5.08	ng/kg	JB	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 67562-39-4	1,2,3,4,6,7,8-HPCDF	1.91	J	0.0182	5.08	ng/kg	JB	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 70648-26-9	1,2,3,4,7,8-HXCDF	5.08	U	0.0384	5.08	ng/kg	JB	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 72918-21-9	1,2,3,7,8,9-HXCDF	5.08	U	0.0420	5.08	ng/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 TCDD TEQ	TCDD TEQ	0.181		0	0	ng/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7429-90-5	ALUMINUM (FUME OR DUST)	7900		7.37	40.9	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7439-89-6	IRON	15800		3.70	40.9	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7439-92-1	LEAD	4.83		0.511	3.07	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7439-93-2	LITHIUM	14.7		0.35	4.1	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7439-95-4	MAGNESIUM	3350		1.71	10.2	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7439-96-5	MANGANESE	288		0.0849	1.02	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7439-98-7	MOLYBDENUM	2.05	U	0.174	2.05	mg/kg	J	U	F	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-02-0	NICKEL	4.72		0.133	2.05	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-09-7	POTASSIUM	2510		8.53	102	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-23-5	SODIUM	129		17.1	102	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-32-6	TITANIUM METAL POWDER	928		0.174	1.02	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-36-0	ANTIMONY	4.09	UJ	0.757	4.09	mg/kg	U	UJ	Q	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-38-2	ARSENIC	4	J	0.716	4.09	mg/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-39-3	BARIUM	54.8		0.0338	1.02	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-41-7	BERYLLIUM	0.369	J	0.0685	1.02	mg/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-42-8	BORON	2	J	0.859	10.2	mg/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-43-9	CADMIUM	0.241	J	0.0777	1.02	mg/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-47-3	CHROMIUM	12.2		0.164	3.07	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-48-4	COBALT	4.09		0.101	1.02	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-50-8	COPPER	5.35		0.297	2.05	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-62-2	VANADIUM (FUME OR DUST)	24.5		0.133	1.02	mg/kg				1786254	267824.5	-118.70809
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	8270D SIM	12/16/2013	PH135	3.2		1 205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	8270D SIM	12/16/2013	PH135	3.2		1 206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	8270D SIM	12/16/2013	PH135	3.2		1 207-08-9	BEN											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7439-89-6	IRON	20000		3.87	42.7	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7439-92-1	LEAD	5.83		0.534	3.21	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7439-93-2	LITHIUM	22.2		0.36	4.3	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7439-95-4	MAGNESIUM	4170		1.78	10.7	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7439-96-5	MANGANESE	326		0.0887	1.07	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7439-98-7	MOLYBDENUM	2.14	U	0.182	2.14	mg/kg	J	U	F	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-02-0	NICKEL	12.1		0.139	2.14	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-09-7	POTASSIUM	3600	J	8.91	107	mg/kg		J	Q	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-23-5	SODIUM	120		17.8	107	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-31-5	TIN	10.7	U	0.235	10.7	mg/kg	J	U	B	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-32-6	TITANIUM METAL POWDER	1080		0.182	1.07	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-36-0	ANTIMONY	4.27	UJ	0.791	4.27	mg/kg	U	UJ	Q	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-38-2	ARSENIC	4.68		0.748	4.27	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-39-3	BARIUM	123		0.0353	1.07	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-41-7	BERYLLIUM	0.636	J	0.0716	1.07	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-42-8	BORON	3.65	J	0.897	10.7	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-43-9	CADMIUM	1.07	U	0.0812	1.07	mg/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-47-3	CHROMIUM	18.4		0.171	3.21	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-48-4	COBALT	5.66		0.106	1.07	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-50-8	COPPER	12.2		0.310	2.14	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-62-2	VANADIUM (FUME OR DUST)	34		0.139	1.07	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-66-6	ZINC	57.7		0.214	4.27	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-67-7	ZIRCONIUM	4.14	J	0.897	5.34	mg/kg	J		J	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-70-2	CALCIUM METAL	2330	J	3.57	21.4	mg/kg		J	E	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7723-14-0	PHOSPHORUS	396	J	3.09	10.7	mg/kg		J	Q	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6020A	11/27/2013	PH129	10	2	7440-22-4	SILVER	0.0344	J	0.0278	0.214	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6020A	11/27/2013	PH129	10	2	7440-24-6	STRONTIUM	24.4		0.0726	0.427	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6020A	11/27/2013	PH129	10	2	7440-28-0	THALLIUM	0.277		0.0321	0.214	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6020A	11/27/2013	PH129	10	2	7782-49-2	SELENIUM	0.157	J	0.107	0.427	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	7199	11/26/2013	PH129	10	1	18540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	0.33	J	0.16	0.45	mg/kg	J	J	FD, E, Q, Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	7471B	11/26/2013	PH129	10	1	7439-97-6	MERCURY	0.0179	U	0.0107	0.0179	mg/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8015M	11/23/2013	PH129	10	1	PHCC12C14	EFH (C12-C14)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8015M	11/23/2013	PH129	10	1	PHCC15C20	EFH (C15-C20)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8015M	11/23/2013	PH129	10	1	PHCC21C30	EFH (C21-C30)	2.5	J	2.2	5.6	mg/kg	J	J	FD, Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8015M	11/23/2013	PH129	10	1	PHCC30C40	EFH (C30-C40)	5.4	J	4.4	11	mg/kg	J	J	FD, Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8015M	11/23/2013	PH129	10	1	PHCC8C11	EFH (C8-C11)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8015M	11/21/2013	PH129	10	25.25	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8082A	11/26/2013	PH129	10	1	11096-82-5	Aroclor 1260	19	U	4.3	19	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8082A	11/26/2013	PH129	10	1	11097-69-1	Aroclor 1254	19	U	4.8	19	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8082A	11/26/2013	PH129	10	1	11100-14-4	Aroclor 1268	19	U	3.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8082A	11/26/2013	PH129	10	1	11104-28-2	Aroclor 1221	19	U	5.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8082A	11/26/2013	PH129	10	1	11126-42-4	Aroclor 5460	36	U	11	3							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6020A	12/2/2013	PH131	2.3		2 7440-22-4	SILVER	0.0312	J	0.0263	0.203	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6020A	12/2/2013	PH131	2.3		2 7440-24-6	STRONTIUM	21.4	J	0.0689	0.405	mg/kg		J	Q, A	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6020A	12/2/2013	PH131	2.3		2 7440-28-0	THALLIUM	0.245		0.0304	0.203	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	7471B	11/28/2013	PH131	2.3		1 7439-97-6	MERCURY	0.0163	U	0.0098	0.0163	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8015M	11/26/2013	PH131	2.3		1 PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8015M	11/26/2013	PH131	2.3		1 PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8015M	11/26/2013	PH131	2.3		1 PHCC21C30	EFH (C21-C30)	5.1	U	2.0	5.1	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8015M	11/26/2013	PH131	2.3		1 PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8015M	11/26/2013	PH131	2.3		1 PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 11096-82-5	Aroclor 1262	17	U	4.0	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	13	J	6.1	18	ug/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 129-00-0	PYRENE	1.5	J	0.68	1.7	ug/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 191-24-2	BENZO(G,H,I)PERYLENE	0.71	J	0.68	1.7	ug/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 205-99-2	BENZO(B)FLUORANTHENE	3.9		0.68	1.7	ug/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 206-44-0	FLUORANTHENE	1	J	0.68	1.7	ug/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1 218-01-9	Chrysene	4.4		0.34	1.7	ug/kg				1786822	267092.9	-118.70619
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 50-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 83-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 84-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 85-01-8	PHENANTHRENE	0.76	J	0.68	1.7	ug/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 86-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-39-3	BARIUM	67.8		0.0339	1.03	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-41-7	BERYLLIUM	0.509	J	0.0688	1.03	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-42-8	BORON	10.3	U	0.863	10.3	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-43-9	CADMIUM	1.03	U	0.0781	1.03	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-47-3	CHROMIUM	25.5		0.164	3.08	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-48-4	COBALT	3.88		0.102	1.03	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-50-8	COPPER	5.21		0.298	2.05	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-62-2	VANADIUM (FUME OR DUST)	47.5		0.134	1.03	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-66-6	ZINC	48.2		0.205	4.11	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-67-7	ZIRCONIUM	3.35	J	0.863	5.14	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-70-2	CALCIUM METAL	3040		3.43	20.5	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17723-14-0	PHOSPHORUS	293	J	2.97	10.3	mg/kg		J	Q	1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6020A	12/2/2013	PH131	5.5		27782-49-2	SELENIUM	0.532		0.103	0.411	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6020A	12/2/2013	PH131	5.5		27440-22-4	SILVER	0.205	U	0.0267	0.205	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6020A	12/2/2013	PH131	5.5		27440-24-6	STRONTIUM	21.4	J	0.0699	0.411	mg/kg		J	Q, A	1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6020A	12/2/2013	PH131	5.5		27440-28-0	THALLIUM	0.251		0.0308	0.205	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	7471B	11/28/2013	PH131	5.5		17439-97-6	MERCURY	0.0216		0.0103	0.0172	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8015M	11/27/2013	PH131	5.5	25.1	GROCS612	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8015M	11/26/2013	PH131	5.5		1PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8015M	11/26/2013	PH131	5.5		1PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8015M	11/26/2013	PH131	5.5		1PHCC21C30	EFH (C21-C30)	5.3	U	2.1	5.3	mg/kg	U			1786356	267590.9	-118.70774
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	7471B	11/21/2013	PH126	1.7		17439-97-6	MERCURY	0.247		0.0096	0.0159	mg/kg				1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015C	11/19/2013	PH126	1.7		164-17-5	ETHANOL	1000	U	200	1000	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015C	11/19/2013	PH126	1.7		167-56-1	METHANOL	480	J	200	1000	ug/kg	J	J	FD, Z, *#	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015C	11/19/2013	PH126	1.7		167-63-0	ISOPROPYL ALCOHOL (MANUFACTURING-STRON	1000	U	200	1000	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015M	11/19/2013	PH126	1.7		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015M	11/19/2013	PH126	1.7		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015M	11/19/2013	PH126	1.7		1PHCC21C30	EFH (C21-C30)	11	J	2.0	5.1	mg/kg		J	FD, Q	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015M	11/19/2013	PH126	1.7		1PHCC30C40	EFH (C30-C40)	40	J	4.1	10	mg/kg		J	FD, Q	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015M	11/19/2013	PH126	1.7		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8082A	11/22/2013	PH126	1.7		11096-82-5	Aroclor 1260	17	U	3.9	17	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8082A	11/22/2013	PH126	1.7		11097-69-1	Aroclor 1254	23	J	4.4	17	ug/kg		J	FD	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8082A	11/22/2013	PH126	1.7		11100-14-4	Aroclor 1268	17	U	3.3	17	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8082A	11/22/2013	PH126	1.7		11104-28-2	Aroclor 1221	17	U	5.1	17	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8082A	11/22/2013	PH126	1.7		11126-42-4	Aroclor 5460	33	U	10	33	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8082A	11/22/2013	PH126	1.7		11141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8082A	11/22/2013	PH126	1.7		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1785828	267382.4	-118.70949
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	9045M	11/14/2013	PH128	5.7		1pH	PH	7.69		0.0100	0.0100	pH unit				1785719	267118	-118.70984
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	160.3M	11/19/2013	PH128	3.2		1MOIST	MOISTURE	3.2		0.10	0.10	%				1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	1613B	11/25/2013	PH128	3.2		1746-01-6	2,3,7,8-TCDD	1.01	U	0.0432	1.01	ng/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	1613B	11/25/2013	PH128	3.2		19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.428	J	0.0294	5.06	ng/kg	JBQ	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	1613B	11/25/2013	PH128	3.2		13268-87-9	OCDD	1.91	J	0.0318	10.1	ng/kg	JB	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	1613B	11/25/2013	PH128	3.2		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.06	U	0.0286	5.06	ng/kg	JBQ	U	B	1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	1613B	11/25/2013	PH128	3.2		139001-02-0	OCDF	10.1	U	0.0338	10.1	ng/kg	JBQ	U	B	1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	1613B	11/25/2013	PH128	3.2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.06	U	0.0296	5.06	ng/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0																									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	6010C	11/24/2013	PH128	3.2		17440-70-2	CALCIUM METAL	2430		3.35	20.1	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	6010C	11/24/2013	PH128	3.2		17723-14-0	PHOSPHORUS	345		2.90	10.0	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	6020A	11/26/2013	PH128	3.2		27782-49-2	SELENIUM	0.173	J	0.100	0.401	mg/kg	J	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	6020A	11/26/2013	PH128	3.2		27440-22-4	SILVER	0.0421	J	0.0261	0.201	mg/kg	J		Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	6020A	11/26/2013	PH128	3.2		27440-24-6	STRONTIUM	21	J	0.0682	0.401	mg/kg		J	Q	1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	6020A	11/26/2013	PH128	3.2		27440-28-0	THALLIUM	0.291		0.0301	0.201	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	7471B	11/25/2013	PH128	3.2		17439-97-6	MERCURY	0.0169	U	0.0101	0.0169	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8015M	11/22/2013	PH128	3.2		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8015M	11/22/2013	PH128	3.2		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8015M	11/22/2013	PH128	3.2		1PHCC21C30	EFH (C21-C30)	5.1	U	2.0	5.1	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8015M	11/22/2013	PH128	3.2		1PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8015M	11/22/2013	PH128	3.2		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		111096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		111097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		111100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		111104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		111141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		112672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		112674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		137324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1117-84-0	Di-n-octylphtalate	18	U	6.1	18	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1129-00-0	PYRENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1218-01-9	Chrysene	0.48	J	0.34	1.7	ug/kg	J	J	Z	1786874	267148.9	-118.70602
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		184-74-2	Di-n-butylphtalate	18	U	6.1	18	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		185-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		185-68-7												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8082A	11/29/2013	PH132	10.9		153469-21-9	Aroclor 1242	19	U	4.6	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8082A	11/29/2013	PH132	10.9		163496-31-1	Aroclor 5432	37	U	11	37	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	100-41-4	ETHYLBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	100-42-5	STYRENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	10061-01-5	CIS-1,3-DICHLOROPROPENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	10061-02-6	TRANS-1,3-DICHLOROPROPENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	103-65-1	N-PROPYLBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	104-51-8	N-BUTYLBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	106-43-4	4-CHLOROTOLUENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	106-46-7	1,4-DICHLOROBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	106-93-4	1,2-DIBROMOETHANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	107-02-8	ACROLEIN	100	U	20	100	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	107-06-2	1,2-DICHLOROETHANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	107-13-1	ACRYLONITRILE	20	U	4	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	108-05-4	VINYL ACETATE	10	U	2	10	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	108-10-1	4-Methyl-2-Pentanone (MIBK)	10	U	3	10	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	108-20-3	DIISOPROPYL ETHER	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	108-67-8	1,3,5-Trimethylbenzene	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	108-86-1	BROMOBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	108-88-3	TOLUENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	108-90-7	CHLOROBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	110-75-8	2-CHLOROETHYL VINYL ETHER	10	U	2	10	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	120-82-1	1,2,4-TRICHLOROBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	124-48-1	DIBROMOCHLOROMETHANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	127-18-4	TETRACHLOROETHENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	135-98-8	2-PHENYLBUTANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	142-28-9	1,3-DICHLOROPROPANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	156-59-2	CIS-1,2-DICHLOROETHENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	156-60-5	TRANS-1,2-DICHLOROETHENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	1634-04-4	METHYL TERT-BUTYL ETHER	5	U	0.5	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	179601-23-1	M,P-XYLENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	541-73-1	1,3-DICHLOROBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	544-10-5	1-Chlorohexane	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	56-23-5	CARBON TETRACHLORIDE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	563-58-6	1,1-Dichloropropene	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	591-78-6	2-Hexanone	10	U	3	10	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	594-20-7	2,2-DICHLOROPROPANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	630-20-6	1,1,1,2-TETRACHLOROETHANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	637-92-3	tert-Butyl ethyl ether	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	67-64-1	ACETONE	29		7	20	ug/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	67-66-3	CHLOROFORM	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	71-43-2	BENZENE	5	U	0.5	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	71-55-6	1,1,1-TRICHLOROETHANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	74-83-9	BROMOMETHANE	5	U	2	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	74-87-3	CHLOROMETHANE	5	U	2	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO																						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	117-84-0	Di-n-octylphthalate	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	120-12-7	ANTHRACENE	1.8	U	0.37	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	129-00-0	PYRENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	192-97-2	Benzo(e)pyrene	19	U	3.7	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	205-99-2	BENZO(B)FLUORANTHENE	1.1	J	0.74	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	206-44-0	FLUORANTHENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	208-96-8	ACENAPHTHYLENE	1.8	U	0.37	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	218-01-9	Chrysene	0.6	J	0.37	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	50-32-8	BENZO(A)PYRENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	83-32-9	ACENAPHTHENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	84-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	84-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	85-01-8	PHENANTHRENE	0.89	J	0.74	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	85-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	86-73-7	FLUORENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	90-12-0	1-METHYLNAPHTHALENE	0.75	J	0.74	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	91-20-3	NAPHTHALENE	0.88	J	0.74	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	91-57-6	2-METHYLNAPHTHALENE	0.75	J	0.74	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	9045M	11/21/2013	PH132	10.9	1	pH	PH	7.02		0.0100	0.0100	pH unit				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	160.3M	11/28/2013	PH132	12.3	1	MOIST	MOISTURE	12.3		0.10	0.10	%				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	1613B	12/6/2013	PH132	12.3	1	1746-01-6	2,3,7,8-TCDD	1.13	U	0.0750	1.13	ng/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	1613B	12/6/2013	PH132	12.3	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.64	U	0.0200	5.64	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	1613B	12/6/2013	PH132	12.3	1	3268-87-9	OCDD	11.3	U	0.0186	11.3	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	1613B	12/6/2013	PH132	12.3	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.64	U	0.0194	5.64	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	120-12-7	ANTHRACENE	1.9	U	0.38	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	129-00-0	PYRENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	131-11-3	DIMETHYL PHTHALATE	20	U	6.8	20	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	191-24-2	BENZO(G,H,I)PERYLENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	192-97-2	Benzo(e)pyrene	19	U	3.8	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	205-99-2	BENZO(B)FLUORANTHENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	206-44-0	FLUORANTHENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	207-08-9	BENZO(K)FLUORANTHENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.38	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	218-01-9	Chrysene	1.9	U	0.38	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	50-32-8	BENZO(A)PYRENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17439-98-7	MOLYBDENUM	2.12	U	0.181	2.12	mg/kg	J	U	F	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-02-0	NICKEL	12		0.138	2.12	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-09-7	POTASSIUM	2650	J	8.86	106	mg/kg		J	Q	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-23-5	SODIUM	102	J	17.7	106	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-31-5	TIN	10.6	U	0.234	10.6	mg/kg	J	U	B	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-32-6	TITANIUM METAL POWDER	1290		0.181	1.06	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-36-0	ANTIMONY	4.25	UJ	0.786	4.25	mg/kg	U	UJ	Q	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-38-2	ARSENIC	5.9		0.744	4.25	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-39-3	BARIUM	97.2		0.0351	1.06	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-41-7	BERYLLIUM	0.674	J	0.0712	1.06	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-42-8	BORON	4.38	J	0.892	10.6	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-43-9	CADMIUM	1.06	U	0.0807	1.06	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-47-3	CHROMIUM	22		0.170	3.19	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-48-4	COBALT	5.32		0.105	1.06	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-50-8	COPPER	15		0.308	2.12	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-62-2	VANADIUM (FUME OR DUST)	41.3		0.138	1.06	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-66-6	ZINC	58.1		0.212	4.25	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-67-7	ZIRCONIUM	2.74	J	0.892	5.31	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-70-2	CALCIUM METAL	2480		3.55	21.2	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17723-14-0	PHOSPHORUS	267	J	3.07	10.6	mg/kg		J	Q	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6020A	12/9/2013	PH133	6.8		27782-49-2	SELENIUM	0.125	J	0.106	0.425	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6020A	12/9/2013	PH133	6.8		27440-22-4	SILVER	0.0846	J	0.0276	0.212	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6020A	12/9/2013	PH133	6.8		27440-24-6	STRONTIUM	21.7		0.0722	0.425	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6020A	12/9/2013	PH133	6.8		27440-28-0	THALLIUM	0.249		0.0319	0.212	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	7471B	12/7/2013	PH133	6.8		17439-97-6	MERCURY	0.0141	J	0.0101	0.0168	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8015M	12/5/2013	PH133	6.8		1PHCC12C14	EFH (C12-C14)	5.4	U	2.1	5.4	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8015M	12/5/2013	PH133	6.8		1PHCC15C20	EFH (C15-C20)	5.4	U	2.1	5.4	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8015M	12/5/2013	PH133	6.8		1PHCC21C30	EFH (C21-C30)	7		2.1	5.4	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8015M	12/5/2013	PH133	6.8		1PHCC30C40	EFH (C30-C40)	25		4.3	11	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8015M	12/5/2013	PH133	6.8		1PHCC8C11	EFH (C8-C11)	5.4	U	2.1	5.4	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8015M	11/27/2013	PH133	6.8	26.54	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	0.5	J	0.2	1.1	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		111097-69-1	Aroclor 1254	18	U	4.7	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		111100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		111104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		111126-42-4	Aroclor 5460	35	U	11	35	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		111141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		112642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		112672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		112674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		137324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		153469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		163496-31-1	Aroclor 5432	35	U	11	35	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8270D SIM	12/14/2013	PH133	6.8		5117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	97	U	32	97	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8270D SIM	12/14/2013	PH133	6.8		5117-84-0	Di-n-octylphthalate	97	U	32	97	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8270D SIM	12/14/2013	PH133	6.8		5120-12-7	ANTHRACENE	8.9	U	1.8	8.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.48	U	0.0262	5.48	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		157117-44-9	1,2,3,6,7,8-HXCDF	5.48	U	0.0200	5.48	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.48	U	0.0278	5.48	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		160851-34-5	2,3,4,6,7,8-HXCDF	5.48	U	0.0186	5.48	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.48	U	0.0125	5.48	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		170648-26-9	1,2,3,4,7,8-HXCDF	5.48	U	0.0206	5.48	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		172918-21-9	1,2,3,7,8,9-HXCDF	5.48	U	0.0175	5.48	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		17CDD TEQ	TCDD TEQ	0.0342		0	0	ng/kg				1785346	267516.2	-118.71108
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17429-90-5	ALUMINUM (FUME OR DUST)	15500	J	7.86	43.6	mg/kg		J	E	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17439-89-6	IRON	18600		3.95	43.6	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17439-92-1	LEAD	5.84		0.545	3.27	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17439-93-2	LITHIUM	21.2		0.37	4.4	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17439-95-4	MAGNESIUM	3820		1.82	10.9	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17439-96-5	MANGANESE	361		0.0905	1.09	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17439-98-7	MOLYBDENUM	2.18	U	0.185	2.18	mg/kg	J	U	F	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-02-0	NICKEL	11		0.142	2.18	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-09-7	POTASSIUM	3210	J	9.09	109	mg/kg		J	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-23-5	SODIUM	117		18.2	109	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-31-5	TIN	10.9	U	0.240	10.9	mg/kg	J	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-32-6	TITANIUM METAL POWDER	1040		0.185	1.09	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-36-0	ANTIMONY	4.36	UJ	0.807	4.36	mg/kg	U	UJ	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-38-2	ARSENIC	4.3	J	0.763	4.36	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-39-3	BARIUM	104		0.0360	1.09	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-41-7	BERYLLIUM	0.562	J	0.0731	1.09	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-42-8	BORON	3.94	J	0.916	10.9	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-43-9	CADMIUM	1.09	U	0.0829	1.09	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-47-3	CHROMIUM	16.6		0.174	3.27	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-48-4	COBALT	5.48		0.108	1.09	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-50-8	COPPER	9.57		0.316	2.18	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-62-2	VANADIUM (FUME OR DUST)	30.9		0.142	1.09	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-66-6	ZINC	53.7		0.218	4.36	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-67-7	ZIRCONIUM	3.91	J	0.916	5.45	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-70-2	CALCIUM METAL	2250	J	3.64	21.8	mg/kg		J	E	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17723-14-0	PHOSPHORUS	340	J	3.15	10.9	mg/kg		J	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6020A	11/27/2013	PH129	9.2		27440-22-4	SILVER	0.0438	J	0.0284	0.218	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6020A	11/27/2013	PH129	9.2		27440-24-6	STRONTIUM	22.1		0.0741	0.436	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6020A	11/27/2013	PH129	9.2		27440-28-0	THALLIUM	0.254		0.0327	0.218	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6020A	11/27/2013	PH129	9.2		27782-49-2	SELENIUM	0.153	J	0.109	0.436	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	7199	11/26/2013	PH129	9.2		118540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	1.3	J	0.16	0.44	mg/kg		J	FD, E, Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	7471B	11/26/2013	PH129	9.2		17439-97-6	MERCURY	0.0171	U	0.0102	0.0171	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8015M	11/23/2013	PH129	9.2		1PHCC12C14	EFH (C12-C14)	5.5	U	2.2	5.5	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8015M	11/23/2013	PH129	9.2		1PHCC15C20	EFH (C15-C20)	5.5	U	2.2	5.5	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8015M	11/23/2013	PH129	9.2		1PHCC21C30	EFH (C21-C30)	5.7	J	2.2	5.5	mg/kg		J	FD, Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8015M	11/23/2013	PH129	9.2		1PHCC30C40	EFH (C30-C40)	12	J	4.4	11	mg/kg		J	FD, Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8015M	11/23/2013	PH129	9.2		1PHCC8C11	EFH (C8-C11)	5.5	U	2.2	5.5	mg/kg	U			1785404		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	135-98-8	2-PHENYLBUTANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	142-28-9	1,3-DICHLOROPROPANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	156-59-2	CIS-1,2-DICHLOROETHENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	156-60-5	TRANS-1,2-DICHLOROETHENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	1634-04-4	METHYL TERT-BUTYL ETHER	5	U	0.5	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	179601-23-1	M,P-XYLENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	541-73-1	1,3-DICHLOROBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	544-10-5	1-Chlorohexane	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	56-23-5	CARBON TETRACHLORIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	563-58-6	1,1-Dichloropropene	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	591-78-6	2-Hexanone	11	U	3	11	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	594-20-7	2,2-DICHLOROPROPANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	630-20-6	1,1,1,2-TETRACHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	637-92-3	tert-Butyl ethyl ether	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	67-64-1	ACETONE	32		7	21	ug/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	67-66-3	CHLOROFORM	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	71-43-2	BENZENE	5	U	0.5	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	71-55-6	1,1,1-TRICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	74-83-9	BROMOMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	74-87-3	CHLOROMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	74-88-4	Methyl Iodide	5	U	3	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	74-95-3	DIBROMOMETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	74-97-5	Bromochloromethane	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-00-3	CHLOROETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-01-4	VINYL CHLORIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-09-2	METHYLENE CHLORIDE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-15-0	CARBON DISULFIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-25-2	BROMOFORM	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-27-4	BROMODICHLOROMETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-34-3	1,1-DICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-35-4	1,1-DICHLOROETHENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-65-0	TERT-BUTYL ALCOHOL	53	U	21	53	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-69-4	TRICHLOROFLUOROMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-71-8	DICHLORODIFLUOROMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-88-7	2-Chloro-1,1,1-trifluoroethane	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	78-87-5	1,2-DICHLOROPROPANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	78-93-3	2-Butanone (MEK)	11	UJ	4	11	ug/kg	U	UJ	FD	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	79-00-5	1,1,2-TRICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	79-01-6	TRICHLOROETHENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	79-34-5	1,1,2,2-TETRACHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	79-38-9	Chlorotrifluoroethylene	5	UJ	2	5	ug/kg	U	UJ	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	87-61-6	1,2,3-TRICHLOROBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	1613B	12/14/2013	PH134	2.2		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.831	J	0.105	0.992	ng/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	1613B	12/14/2013	PH134	2.2		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.63	J	0.0389	4.96	ng/kg	JB	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	6020A	12/10/2013	PH134	2.2	2	7440-22-4	SILVER	0.0441	J	0.0263	0.202	mg/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	6020A	12/10/2013	PH134	2.2	2	7440-24-6	STRONTIUM	18.1		0.0688	0.405	mg/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	6020A	12/10/2013	PH134	2.2	2	7440-28-0	THALLIUM	0.238		0.0304	0.202	mg/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	7471B	12/10/2013	PH134	2.2	1	7439-97-6	MERCURY	0.0164	J	0.0101	0.0168	mg/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8015M	12/7/2013	PH134	2.2	5	PHCC12C14	EFH (C12-C14)	25	U	10	25	mg/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8015M	12/7/2013	PH134	2.2	5	PHCC15C20	EFH (C15-C20)	10	J	10	25	mg/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8015M	12/7/2013	PH134	2.2	5	PHCC21C30	EFH (C21-C30)	83		10	25	mg/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8015M	12/7/2013	PH134	2.2	5	PHCC30C40	EFH (C30-C40)	300		20	51	mg/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8015M	12/7/2013	PH134	2.2	5	PHCC8C11	EFH (C8-C11)	25	U	10	25	mg/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2	1	11096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2	1	11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2	1	11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2	1	11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2	1	11126-42-4	Aroclor 5460	14	J	10	34	ug/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2	1	11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2	1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2	1	12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2	1	12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2	1	37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2	1	53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2	1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	64	J	61	180	ug/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	117-84-0	Di-n-octylphtthalate	180	UJ	61	180	ug/kg	U	UJ	C	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	120-12-7	ANTHRACENE	17	U	3.4	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	129-00-0	PYRENE	26		6.8	17	ug/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	131-11-3	DIMETHYL PHTHALATE	180	U	61	180	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	191-24-2	BENZO(G,H,I)PERYLENE	9.2	J	6.8	17	ug/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	192-97-2	Benzo(e)pyrene	170	U	34	170	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	6.8	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	205-99-2	BENZO(B)FLUORANTHENE	25		6.8	17	ug/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	206-44-0	FLUORANTHENE	28		6.8	17	ug/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	207-08-9	BENZO(K)FLUORANTHENE	6.8	J	6.8	17	ug/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	208-96-8	ACENAPHTHYLENE	17	U	3.4	17	ug/kg	U			1786232	267383.5	-118.70815
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7	1	218-01-9	Chrysene	0.75	J	0.34	1.7	ug/kg	J	J	Z	1786868	267219.2	-118.70604
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	50-32-8	BENZO(A)PYRENE	9.2	J	6.8	17	ug/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	53-70-3	DIBENZO(A,H)ANTHRACENE	17	U	6.8	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	56-55-3	BENZO(A)ANTHRACENE	9.4	J	6.8	17	ug/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	17	U	6.8	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	83-32-9	ACENAPHTHENE	17	U	6.8	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	84-66-2	DIETHYL PHTHALATE	180	U	61	180	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	84-74-2	Di-n-butylphtthalate	180	U	61	180	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	85-01-8	PHENANTHRENE	18		6.8	17	ug/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	85-68-7	BENZYL BUTYL PHTHALATE	180	U	61	180	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	86-73-7	FLUORENE	17	U	6.8	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	90-12-0	1-METHYLNAPHTHALENE	13	J	6.8	17	ug/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134</															

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	6010C	11/21/2013	PH126	2.5		17440-38-2	ARSENIC	2.47	J	0.704	4.02	mg/kg	J	J	Z	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	6010C	11/21/2013	PH126	2.5		17440-39-3	BARIUM	84.4	J	0.0332	1.01	mg/kg	J	J	E	1785828	267382.4	-118.70949
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		85-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	9045M	11/24/2013	PH133	3.7		1pH	PH	6.62		0.0100	0.0100	pH unit				1786161	267398.6	-118.70838
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	160.3M	12/6/2013	PH135	3.9		1MOIST	MOISTURE	3.9		0.10	0.10	%				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		1746-01-6	2,3,7,8-TCDD	1.03	U	0.0549	1.03	ng/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.17	U	0.0259	5.17	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		13268-87-9	OCDD	8.08	J	0.0229	10.3	ng/kg	JB	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.643	J	0.0350	5.17	ng/kg	JB	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		139001-02-0	OCDF	10.3	U	0.0470	10.3	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.17	U	0.0260	5.17	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.116	J	0.0385	5.17	ng/kg	JQ	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.03	U	0.0431	1.03	ng/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.17	U	0.0193	5.17	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		157117-31-4	2,3,4,7,8-PECDF	5.17	U	0.0214	5.17	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.0721	J	0.0216	5.17	ng/kg	JQ	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		157117-44-9	1,2,3,6,7,8-HXCDF	5.17	U	0.0238	5.17	ng/kg	JB	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.17	U	0.0279	5.17	ng/kg	JB	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		160851-34-5	2,3,4,6,7,8-HXCDF	5.17	U	0.0237	5.17	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.17	U	0.0144	5.17	ng/kg	JB	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		170648-26-9	1,2,3,4,7,8-HXCDF	5.17	U	0.0236	5.17	ng/kg	JB	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		172918-21-9	1,2,3,7,8,9-HXCDF	5.17	U	0.0276	5.17	ng/kg	JB	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		17429-90-5	ALUMINIUM (FUME OR DUST)	0.0351		0	0	ng/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17429-90-5	ALUMINIUM (FUME OR DUST)	18500		7.21	40.0	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17439-89-6	IRON	21500		3.62	40.0	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17439-92-1	LEAD	7.17		0.500	3.00	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17439-93-2	LITHIUM	23.3		0.34	4.0	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17439-95-4	MAGNESIUM	4210		1.67	10.0	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17439-96-5	MANGANESE	326		0.0830	1.00	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17439-98-7	MOLYBDENUM	1.26	J	0.170	2.00	mg/kg	J	J	F	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-02-0	NICKEL	9.21		0.130	2.00	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-09-7	POTASSIUM	1960		8.34	100	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-23-5	SODIUM	126		16.7	100	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-31-5	TIN	10	U	0.220	10.0	mg/kg	J	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-32-6	TITANIUM METAL POWDER	1110		0.170	1.00	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-36-0	ANTIMONY	4	UJ	0.740	4.00	mg/kg	U	UJ	Q	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-38-2	ARSENIC	5.83		0.700	4.00	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-39-3	BARIUM	86.1		0.0330	1.00	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-41-7	BERYLLIUM	0.767	J	0.0670	1.00	mg/kg	J	J	Z	1786121	267810.2	-118.708

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1218-01-9	Chrysene	1.4	J	0.33	1.7	ug/kg	J	J	Z	1786797	267207.1	-118.70628
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	9045M	11/27/2013	PH135	3.9		1pH	PH	6.44		0.0100	0.0100	pH unit				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	160.3M	12/6/2013	PH135	5		1MOIST	MOISTURE	5		0.10	0.10	%				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		11746-01-6	2,3,7,8-TCDD	0.0776	J	0.0576	1.04	ng/kg	JQ	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.2	U	0.0223	5.20	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		13268-87-9	OCDD	10.4	U	0.0207	10.4	ng/kg	JB	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.2	U	0.0260	5.20	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		139001-02-0	OCDF	10.4	U	0.0364	10.4	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.2	U	0.0231	5.20	ng/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0338	J	0.0277	5.20	ng/kg	JQ	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.04	U	0.0442	1.04	ng/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.2	U	0.0133	5.20	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		157117-31-4	2,3,4,7,8-PECDF	5.2	U	0.0185	5.20	ng/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.054	J	0.0186	5.20	ng/kg	JQ	J	Z	1786121	267810.2	-118.70853
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	6020A	12/3/2013	PH135	3		27440-24-6	STRONTIUM	19.1	J	0.0694	0.408	mg/kg		J	Q	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	6020A	12/3/2013	PH135	3		27440-28-0	THALLIUM	0.263		0.0306	0.204	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	7471B	12/3/2013	PH135	3		17439-97-6	MERCURY	0.0104	J	0.0102	0.0170	mg/kg	J	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8015M	12/7/2013	PH135	3		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8015M	12/7/2013	PH135	3		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8015M	12/7/2013	PH135	3		1PHCC21C30	EFH (C21-C30)	5.2		2.0	5.1	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8015M	12/7/2013	PH135	3		1PHCC30C40	EFH (C30-C40)	14		4.1	10	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8015M	12/7/2013	PH135	3		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8082A	12/9/2013	PH135	3		111096-82-5	Aroclor 1260	18	U	4.0	18	ug/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8082A	12/9/2013	PH135	3		111097-69-1	Aroclor 1254	18	U	4.5	18	ug/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8082A	12/9/2013	PH135	3		111100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1786574	267615	-118.70702
SL-76																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	160.3M	12/6/2013	PH135	3.2		1	MOIST	MOISTURE	3.2		0.10	0.10	%				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	1746-01-6	2,3,7,8-TCDD	0.992	U	0.0507	0.992	ng/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.266	J	0.0274	4.96	ng/kg	JBQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	3268-87-9	OCDD	49.8		0.0239	9.92	ng/kg	B			1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	3.05	J	0.0301	4.96	ng/kg	JB	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	39001-02-0	OCDF	1.12	J	0.0249	9.92	ng/kg	JB	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.96	U	0.0285	4.96	ng/kg	JBQ	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.262	J	0.0325	4.96	ng/kg	JQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.089	J	0.0426	0.992	ng/kg	JQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	4.96	U	0.0159	4.96	ng/kg	JB	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	57117-31-4	2,3,4,7,8-PECDF	4.96	U	0.0192	4.96	ng/kg	JBQ	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.275	J	0.0199	4.96	ng/kg	J	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	57117-44-9	1,2,3,6,7,8-HXCDF	4.96	U	0.0233	4.96	ng/kg	JB	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.232	J	0.0304	4.96	ng/kg	JBQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	60851-34-5	2,3,4,6,7,8-HXCDF	4.96	U	0.0220	4.96	ng/kg	JBQ	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.526	J	0.0125	4.96	ng/kg	JB	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	70648-26-9	1,2,3,4,7,8-HXCDF	4.96	U	0.0243	4.96	ng/kg	JBQ	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	72918-21-9	1,2,3,7,8,9-HXCDF	4.96	U	0.0235	4.96	ng/kg	JBQ	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	TCDD TEQ	TCDD TEQ	0.0757		0	0	ng/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7429-90-5	ALUMINUM (FUME OR DUST)	15300		7.37	40.9	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7439-89-6	IRON	21200		3.70	40.9	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7439-92-1	LEAD	7.03		0.511	3.07	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7439-93-2	LITHIUM	21.7		0.35	4.1	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7439-95-4	MAGNESIUM	4430		1.71	10.2	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7439-96-5	MANGANESE	336		0.0849	1.02	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7439-98-7	MOLYBDENUM	2.05	U	0.174	2.05	mg/kg	J	U	F	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-02-0	NICKEL	10.6		0.133	2.05	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-09-7	POTASSIUM	3590		8.53	102	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-23-5	SODIUM	77.4	J	17.1	102	mg/kg	J	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-32-6	TITANIUM METAL POWDER	1130		0.174	1.02	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-36-0	ANTIMONY	4.09	UJ	0.757	4.09	mg/kg	U	UJ	Q	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-38-2	ARSENIC	4.76		0.716	4.09	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-39-3	BARIUM	105		0.0338	1.02	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-41-7	BERYLLIUM	0.586	J	0.0685	1.02	mg/kg	J	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-42-8	BORON	4.26	J	0.859	10.2	mg/kg	J	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-43-9	CADMIUM	0.328	J	0.0777	1.02	mg/kg	J	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-47-3	CHROMIUM	20.4		0.164	3.07	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-48-4	COBALT	5.83		0.101	1.02	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-50-8	COPPER	11.8		0.297	2.05	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-62-2	VANADIUM (FUME OR DUST)	37.5		0.133	1.02	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-66-6	ZINC	61.1		0.205	4.09	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-67-7	ZIRCONIUM	1.66	J	0.859	5.11	mg/kg	J	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-70-2	CALCIUM METAL	2340		3.42	20.5	mg/kg				178657		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		1	TCDD TEQ	TCDD TEQ	0.116		0					1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7429-90-5	ALUMINUM (FUME OR DUST)	14900		7.44	41.3	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7439-89-6	IRON	20500		3.74	41.3	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7439-92-1	LEAD	6.34		0.516	3.10	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7439-93-2	LITHIUM	22		0.35	4.1	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7439-95-4	MAGNESIUM	4500		1.72	10.3	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7439-96-5	MANGANESE	298		0.0857	1.03	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7439-98-7	MOLYBDENUM	2.06	U	0.175	2.06	mg/kg	J	U	F	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-02-0	NICKEL	10.9		0.134	2.06	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-09-7	POTASSIUM	3670	J	8.61	103	mg/kg		J	Q	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-23-5	SODIUM	72.2	J	17.2	103	mg/kg	J	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-31-5	TIN	10.3	U	0.227	10.3	mg/kg	J	U	B	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-32-6	TITANIUM METAL POWDER	1150		0.175	1.03	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-36-0	ANTIMONY	4.13	UJ	0.764	4.13	mg/kg	U	UJ	Q	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-38-2	ARSENIC	3.36	J	0.722	4.13	mg/kg	J	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-39-3	BARIUM	89.9		0.0341	1.03	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-41-7	BERYLLIUM	0.573	J	0.0691	1.03	mg/kg	J	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-42-8	BORON	10.3	U	0.867	10.3	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-43-9	CADMIUM	1.03	U	0.0784	1.03	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-47-3	CHROMIUM	21.1		0.165	3.10	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-48-4	COBALT	5.46		0.102	1.03	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-50-8	COPPER	5.71		0.299	2.06	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-62-2	VANADIUM (FUME OR DUST)	35.2		0.134	1.03	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-66-6	ZINC	51.7		0.206	4.13	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-67-7	ZIRCONIUM	2.37	J	0.867	5.16	mg/kg	J	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-70-2	CALCIUM METAL	2280		3.45	20.6	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7723-14-0	PHOSPHORUS	407	J	2.98	10.3	mg/kg		J	Q	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6020A	12/2/2013	PH131	3.1		2	7782-49-2	SELENIUM	0.189	J	0.103	0.413	mg/kg	J	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6020A	12/2/2013	PH131	3.1		2	7440-22-4	SILVER	0.206	U	0.0268	0.206	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6020A	12/2/2013	PH131	3.1		2	7440-24-6	STRONTIUM	16.1	J	0.0702	0.413	mg/kg		J	Q, A	1786201	267727	-118.70826
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	1613B	12/14/2013	PH134	2		1	TCDD TEQ	TCDD TEQ	9.41		0	0	ng/kg			1786218	267870	-118.7082	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6020A	12/2/2013	PH131	3.1		2	7440-28-0	THALLIUM	0.299		0.0310	0.206	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	7471B	11/28/2013	PH131	3.1		1	7439-97-6	MERCURY	0.0167	U	0.0100	0.0167	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8015M	11/26/2013	PH131	3.1		1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8015M	11/26/2013	PH131	3.1		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8015M	11/26/2013	PH131	3.1		1	PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8015M	11/26/2013	PH131	3.1		1	PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8015M	11/26/2013	PH131	3.1		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	11096-82-5	Aroclor 1260	18	U	4.0	18	ug/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	11097-69-1	Aroclor 1254	18	U	4.5	18	ug/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	11100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	11104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	11141-16-5	Aroclor 1232	18	U	4.2	18	ug/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	12672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U		1786201			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	2.8	J	0.0304	4.92	ng/kg	JB	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		139001-02-0	OCDF	1.34	J	0.0377	9.83	ng/kg	JB	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.92	U	0.0355	4.92	ng/kg	JBQ	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.134	J	0.0300	4.92	ng/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0488	J	0.0479	0.983	ng/kg	JQ	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.92	U	0.0233	4.92	ng/kg	JBQ	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		157117-31-4	2,3,4,7,8-PECDF	4.92	U	0.0216	4.92	ng/kg	JB	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.92	U	0.0246	4.92	ng/kg	JBQ	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		157117-44-9	1,2,3,6,7,8-HXCDF	4.92	U	0.0258	4.92	ng/kg	JBQ	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.183	J	0.0374	4.92	ng/kg	JQ	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		160851-34-5	2,3,4,6,7,8-HXCDF	4.92	U	0.0281	4.92	ng/kg	JBQ	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.585	J	0.0155	4.92	ng/kg	JB	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		170648-26-9	1,2,3,4,7,8-HXCDF	0.0959	J	0.0284	4.92	ng/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		172918-21-9	1,2,3,7,8,9-HXCDF	4.92	U	0.0277	4.92	ng/kg	JBQ	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		1TCDD TEQ	TCDD TEQ	0.248		0	0	ng/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17429-90-5	ALUMINUM (FUME OR DUST)	16900		7.31	40.5	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17439-89-6	IRON	26100		3.67	40.5	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17439-92-1	LEAD	9.27		0.507	3.04	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17439-93-2	LITHIUM	22.7		0.34	4.1	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17439-95-4	MAGNESIUM	6220		1.69	10.1	mg/kg				1786356	267590.9	-118.70774
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	10.3		0.0536	4.88	ng/kg	B			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		139001-02-0	OCDF	6.17	J	0.0404	9.77	ng/kg	JB	J	Z	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.88	U	0.0475	4.88	ng/kg	JB	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.88	U	0.0644	4.88	ng/kg	JBQ	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.977	U	0.0684	0.977	ng/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.88	U	0.0247	4.88	ng/kg	JB	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		157117-31-4	2,3,4,7,8-PECDF	4.88	U	0.0378	4.88	ng/kg	JBQ	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.88	U	0.0408	4.88	ng/kg	JB	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		157117-44-9	1,2,3,6,7,8-HXCDF	4.88	U	0.0336	4.88	ng/kg	JBQ	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.457	J	0.0499	4.88	ng/kg	JB	J	Z	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		160851-34-5	2,3,4,6,7,8-HXCDF	4.88	U	0.0327	4.88	ng/kg	JBQ	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		167562-39-4	1,2,3,4,6,7,8-HPCDF	1.89	J	0.0177	4.88	ng/kg	JB	J	Z	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		170648-26-9	1,2,3,4,7,8-HXCDF	4.88	U	0.0391	4.88	ng/kg	JBQ	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		172918-21-9	1,2,3,7,8,9-HXCDF	4.88	U	0.0383	4.88	ng/kg	JBQ	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		1TCDD TEQ	TCDD TEQ	0.228		0	0	ng/kg				1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17429-90-5	ALUMINUM (FUME OR DUST)	10900	J	7.25	40.2	mg/kg	J		E	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17439-89-6	IRON	18400	J	3.64	40.2	mg/kg	J		E	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17439-93-2	LITHIUM	24.7	J	0.34	4.0	mg/kg	J		E	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17439-95-4	MAGNESIUM	3700	J	1.68	10.1	mg/kg	J		E	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17440-09-7	POTASSIUM	3070	J	8.39	101	mg/kg	J		E, Q	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17440-23-5	SODIUM	121		16.8	101	mg/kg				1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17440-70-2	CALCIUM METAL	2670	J	3.36	20.1	mg/kg	J		E	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17439-92-1	LEAD	5.06		0.503	3.02	mg/kg				1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17439-96-5	MANGANESE	275	J	0.0835	1.01							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-657-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	8270D SIM	11/25/2013	PH128	6		191-20-3	NAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	8270D SIM	11/25/2013	PH128	6		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	9045M	11/14/2013	PH128	6		pH	PH	7.53		0.0100	0.0100	pH unit				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	160.3M	11/19/2013	PH128	5.7		MOIST	MOISTURE	5.7		0.10	0.10	%				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		11746-01-6	2,3,7,8-TCDD	0.0638	J	0.0543	1.04	ng/kg	JQ	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.22	U	0.0273	5.22	ng/kg	JB	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		13268-87-9	OCDD	2.37	J	0.0408	10.4	ng/kg	JB	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.22	U	0.0369	5.22	ng/kg	JB	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		139001-02-0	OCDF	10.4	U	0.0437	10.4	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0552	J	0.0285	5.22	ng/kg	JQ	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.22	U	0.0503	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.04	U	0.0563	1.04	ng/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.22	U	0.0220	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		157117-31-4	2,3,4,7,8-PECDF	5.22	U	0.0264	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.22	U	0.0251	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		157117-44-9	1,2,3,6,7,8-HXCDF	5.22	U	0.0231	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0899	J	0.0306	5.22	ng/kg	JQ	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		160851-34-5	2,3,4,6,7,8-HXCDF	5.22	U	0.0249	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.22	U	0.0135	5.22	ng/kg	JB	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		170648-26-9	1,2,3,4,7,8-HXCDF	5.22	U	0.0261	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		172918-21-9	1,2,3,7,8,9-HXCDF	5.22	U	0.0276	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		17TCDD TEQ	TCDD TEQ	0.0144		0	0	ng/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17429-90-5	ALUMINUM (FUME OR DUST)			7.42	41.2	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17439-89-6	IRON	22800	J	3.73	41.2	mg/kg		J	A	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17439-92-1	LEAD	4.96		0.515	3.09	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17439-93-2	LITHIUM	24.6		0.35	4.1	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17439-95-4	MAGNESIUM	5400		1.72	10.3	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17439-96-5	MANGANESE	416		0.0855	1.03	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17439-98-7	MOLYBDENUM	2.06	U	0.175	2.06	mg/kg	J	U	F	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-02-0	NICKEL	10.6		0.134	2.06	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-09-7	POTASSIUM	1770		8.59	103	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-23-5	SODIUM	107		17.2	103	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-31-5	TIN	10.3	U	0.227	10.3	mg/kg	J	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-32-6	TITANIUM METAL POWDER	1250		0.175	1.03	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-36-0	ANTIMONY	4.12	UJ	0.762	4.12	mg/kg	U	UJ	Q	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-38-2	ARSENIC	4.51		0.721	4.12	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-39-3	BARIUM	90.4		0.0340	1.03	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-41-7	BERYLLIUM	0.523	J	0.0690	1.03	mg/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-42-8	BORON	1.89	J	0.865	10.3	mg/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-43-9	CADMIUM	0.0875	J	0.0782	1.03	mg/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-47-3	CHROMIUM	19.7		0.165	3.09	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-48-4	COBALT	6.2		0.102	1.03	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-50-8	COPPER	8.7		0.299	2.06	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-62-2	VANADIUM (FUME OR DUST)	37.6		0.134	1.03	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-66-6	ZINC	52.4		0.206	4.12	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		1218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		150-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		183-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		184-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		184-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		185-01-8	PHENANTHRENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		186-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		191-20-3	NAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17439-93-2	LITHIUM	22.6		0.35	4.1	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17439-95-4	MAGNESIUM	4040		1.70	10.2	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17439-96-5	MANGANESE	289		0.0846	1.02	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17439-98-7	MOLYBDENUM	2.04	U	0.173	2.04	mg/kg	J	U	F	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-02-0	NICKEL	7.57		0.132	2.04	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-09-7	POTASSIUM	2720		8.50	102	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-23-5	SODIUM	81.2	J	17.0	102	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-31-5	TIN	10.2	U	0.224	10.2	mg/kg	J	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-32-6	TITANIUM METAL POWDER	1050		0.173	1.02	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-36-0	ANTIMONY	4.08	UJ	0.754	4.08	mg/kg	U	UJ	Q	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-38-2	ARSENIC	4.6		0.713	4.08	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-39-3	BARIUM	82		0.0336	1.02	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-41-7	BERYLLIUM	0.48	J	0.0683	1.02	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-42-8	BORON	2.91	J	0.856	10.2	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-43-9	CADMIUM	0.201	J	0.0774	1.02	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-47-3	CHROMIUM	17.1		0.163	3.06	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-48-4	COBALT	4.56		0.101	1.02	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-50-8	COPPER	7.73		0.295	2.04	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-62-2	VANADIUM (FUME OR DUST)	30.5		0.132	1.02	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-66-6	ZINC	54.4		0.204	4.08	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-67-7	ZIRCONIUM	1.91	J	0.856	5.09	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-70-2	CALCIUM METAL	2660		3.40	20.4	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17723-14-0	PHOSPHORUS	331		2.94	10.2	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6020A	12/3/2013	PH132	4.7		27440-24-6	STRONTIUM	13.7	J	0.0693	0.408	mg/kg		J	Q	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6020A	12/3/2013	PH132	4.7		27440-28-0	THALLIUM	0.234		0.0306	0.204	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6020A	12/3/2013	PH132	4.7		27440-22-4	SILVER	0.0793	J	0.0265	0.204	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6020A	12/3/2013	PH132	4.7		27782-49-2	SELENIUM	0.408	U	0.102	0.408	mg/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	7471B	12/3/2013	PH132	4.7		17439-97-6	MERCURY	0.0157	J	0.0098	0.0163	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8015M	12/3/2013	PH132	4.7		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8015M	12/3/2013	PH132	4.7		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1785346	267516.2	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8270D SIM	12/5/2013	PH132	4.7		185-01-8	PHENANTHRENE	7		0.70	1.7	ug/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8270D SIM	12/5/2013	PH132	4.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8270D SIM	12/5/2013	PH132	4.7		186-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8270D SIM	12/5/2013	PH132	4.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8270D SIM	12/5/2013	PH132	4.7		191-20-3	NAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8270D SIM	12/5/2013	PH132	4.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	9045M	11/21/2013	PH132	4.7		pH	PH	7.11		0.0100	0.0100	pH unit				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	160.3M	11/28/2013	PH132	10.9		1MOIST	MOISTURE	10.9		0.10	0.10	%				1785346	267516.2	-118.71108
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		11746-01-6	2,3,7,8-TCDD	0.0583	J	0.0474	1.06	ng/kg	JQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.406	J	0.0575	5.28	ng/kg	JB	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		13268-87-9	OCDD	605		0.0817	10.6	ng/kg	B			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	49.4		0.117	5.28	ng/kg	B			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		139001-02-0	OCDF	3.38	J	0.0605	10.6	ng/kg	JB	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.28	U	0.0580	5.28	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.28	U	0.0609	5.28	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0723	J	0.0542	1.06	ng/kg	JQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.28	U	0.0369	5.28	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		157117-31-4	2,3,4,7,8-PECDF	5.28	U	0.0384	5.28	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	1.26	J	0.0418	5.28	ng/kg	JBQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		157117-44-9	1,2,3,6,7,8-HXCDF	0.255	J	0.0402	5.28	ng/kg	JBQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.708	J	0.0621	5.28	ng/kg	JBQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		160851-34-5	2,3,4,6,7,8-HXCDF	5.28	U	0.0427	5.28	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	1.51	J	0.0301	5.28	ng/kg	JB	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		170648-26-9	1,2,3,4,7,8-HXCDF	5.28	U	0.0418	5.28	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		172918-21-9	1,2,3,7,8,9-HXCDF	5.28	U	0.0408	5.28	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		1TCDD TEQ	TCDD TEQ	0.887		0	0	ng/kg				1785404	267503.8	-118.71089
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17429-90-5	ALUMINUM (FUME OR DUST)	13900		7.93	44.0	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17439-89-6	IRON	18800		3.98	44.0	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17439-92-1	LEAD	7.67		0.550	3.30	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17439-93-2	LITHIUM	19.3		0.37	4.4	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17439-95-4	MAGNESIUM	3530		1.84	11.0	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17439-96-5	MANGANESE	280		0.0913	1.10	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17439-98-7	MOLYBDENUM	2.2	U	0.187	2.20	mg/kg	J	U	F	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-02-0	NICKEL	7.77		0.143	2.20	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-09-7	POTASSIUM	2890		9.18	110	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-23-5	SODIUM	102	J	18.4	110	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-31-5	TIN	11	U	0.242	11.0	mg/kg	J	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-32-6	TITANIUM METAL POWDER	1030		0.187	1.10	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-36-0	ANTIMONY	4.4	UJ	0.814	4.40	mg/kg	U	UJ	Q	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-38-2	ARSENIC	3.69	J	0.770	4.40	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-39-3	BARIUM	112		0.0363	1.10	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-41-7	BERYLLIUM	0.542	J	0.0737	1.10	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-42-8	BORON	4.02	J	0.924	11.0	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-43-9	CADMIUM	0.246	J	0.0836	1.10	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10														

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8082A	12/3/2013	PH133	2.2		153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8082A	12/3/2013	PH133	2.2		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	92	U	31	92	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5117-84-0	Di-n-octylphthalate	92	U	31	92	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5120-12-7	ANTHRACENE	2.4	J	1.7	8.5	ug/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5129-00-0	PYRENE	17	J	3.4	8.5	ug/kg		J	L	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5131-11-3	DIMETHYL PHTHALATE	92	U	31	92	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5191-24-2	BENZO(G,H,I)PERYLENE	5.9	J	3.4	8.5	ug/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5192-97-2	Benzo(e)pyrene	87	U	17	87	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5193-39-5	INDENO(1,2,3-CD)PYRENE	3.7	J	3.4	8.5	ug/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5205-99-2	BENZO(B)FLUORANTHENE	21		3.4	8.5	ug/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5206-44-0	FLUORANTHENE	19		3.4	8.5	ug/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5207-08-9	BENZO(K)FLUORANTHENE	5.4	J	3.4	8.5	ug/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5208-96-8	ACENAPHTHYLENE	8.5	U	1.7	8.5	ug/kg	U			1785931	267112.4	-118.70914
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1218-01-9	Chrysene	1.5	J	0.34	1.7	ug/kg	J	J	Z	1786878	267286.4	-118.70601
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		550-32-8	BENZO(A)PYRENE	8.6		3.4	8.5	ug/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		553-70-3	DIBENZO(A,H)ANTHRACENE	8.5	U	3.4	8.5	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		556-55-3	BENZO(A)ANTHRACENE	7.2	J	3.4	8.5	ug/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		562-75-9	METHANAMINE, N-METHYL-N-NITROSO	8.5	U	3.4	8.5	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		583-32-9	ACENAPHTHENE	8.5	U	3.4	8.5	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		584-66-2	DIETHYL PHTHALATE	92	U	31	92	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		584-74-2	Di-n-butylphthalate	92	U	31	92	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		585-01-8	PHENANTHRENE	23		3.4	8.5	ug/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		585-68-7	BENZYL BUTYL PHTHALATE	92	U	31	92	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		586-73-7	FLUORENE	8.5	U	3.4	8.5	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		590-12-0	1-METHYLNAPHTHALENE	13		3.4	8.5	ug/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		591-20-3	NAPHTHALENE	8.5		3.4	8.5	ug/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		591-57-6	2-METHYLNAPHTHALENE	16		3.4	8.5	ug/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	9045M	11/24/2013	PH133	2.2		pH	PH	7.52		0.0100	0.0100	pH unit				1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	160.3M	12/5/2013	PH133	11.7		1MOIST	MOISTURE	11.7		0.10	0.10	%				1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		11746-01-6	2,3,7,8-TCDD	0.0709	J	0.0583	1.09	ng/kg	JQ	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.0727	J	0.0314	5.46	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		13268-87-9	OCDD	10.9	U	0.0496	10.9	ng/kg	JB	U	B	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.46	U	0.0429	5.46	ng/kg	JB	U	B	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		139001-02-0	OCDF	10.9	U	0.0817	10.9	ng/kg	JBQ	U	B	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.46	U	0.0306	5.46	ng/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.46	U	0.0454	5.46	ng/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0986	J	0.0666	1.09	ng/kg	JQ	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.46	U	0.0290	5.46	ng/kg	JBQ	U	B	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		157117-31-4	2,3,4,7,8-PECDF	5.46	U	0.0310	5.46	ng/kg	JB	U	B	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.46	U	0.0293	5.46	ng/kg	JBQ	U	B	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		157117-44-9	1,2,3,6,7,8-HXCDF	0.0448	J	0.0296	5.46	ng/kg	JQ	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.46	U	0.0322	5.46	ng/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		160851-34-5	2,3,4,6,7,8-HXCDF	0.0312	J	0.0307	5.46	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	161																	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8015M	12/4/2013	PH133	11.7	1	PHCC21C30	EFH (C21-C30)	5.7	U	2.3	5.7	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8015M	12/4/2013	PH133	11.7	1	PHCC30C40	EFH (C30-C40)	11	U	4.5	11	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8015M	12/4/2013	PH133	11.7	1	PHCC8C11	EFH (C8-C11)	5.7	U	2.3	5.7	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8015M	11/27/2013	PH133	11.7	23.41	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	11096-82-5	Aroclor 1260	19	U	4.4	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	11097-69-1	Aroclor 1254	19	U	5.0	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	11100-14-4	Aroclor 1268	19	U	3.7	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	11104-28-2	Aroclor 1221	19	U	5.8	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	11126-42-4	Aroclor 5460	37	U	11	37	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	11141-16-5	Aroclor 1232	19	U	4.6	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	12642-23-8	Aroclor 5442	37	U	11	37	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	12672-29-6	Aroclor 1248	19	U	3.7	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	12674-11-2	Aroclor 1016	19	U	3.7	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	37324-23-5	Aroclor 1262	19	U	3.7	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	53469-21-9	Aroclor 1242	19	U	4.6	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	63496-31-1	Aroclor 5432	37	U	11	37	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.8	20	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	117-84-0	Di-n-octylphtthalate	20	U	6.8	20	ug/kg	U			1785931	267112.4	-118.70914
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	207-08-9	BENZO(K)FLUORANTHENE	3.9		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1785972	267369.5	-118.70901
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8270D SIM	6/23/2013	PH057	0.67	1	1218-01-9	Chrysene	2.4	J	0.33	1.7	ug/kg		J	FD	1786856	267386.7	-118.70608
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	50-32-8	BENZO(A)PYRENE	5.3		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	53-70-3	DIBENZO(A,H)ANTHRACENE	0.8	J	0.68	1.7	ug/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	56-55-3	BENZO(A)ANTHRACENE	5.6		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	83-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	84-74-2	Di-n-butylphtthalate	18	U	6.1	18	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	85-01-8	PHENANTHRENE	3.7		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	86-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	91-20-3	NAPHTHALENE	0.9	J	0.68	1.7	ug/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	91-57-6	2-METHYLNAPHTHALENE	0.77	J	0.68	1.7	ug/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	9045M	12/4/2013	PH136	2.5	1	pH	PH	6.95		0.0100	0.0100	pH unit				1785972	267369.5	-118.70901
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	160.3M	11/19/2013	PH129	7.4	1	MOIST	MOISTURE	7.4		0.10	0.10	%				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	1746-01-6	2,3,7,8-TCDD	1.06	UJ	0.0566	1.06	ng/kg	U	UJ	FD	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.409	J	0.0370	5.31	ng/kg	JBQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	3268-87-9	OCDD	2.27	J	0.0448	10.6	ng/kg	JB	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.31	U	0.0453	5.31	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	39001-02-0	OCDF	10.6	U	0.0530	10.6	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.31	UJ	0.0378	5.31	ng/kg	JBQ	UJ	B, FD	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.31	UJ	0.0472	5.31	ng/kg	JBQ	UJ	B, FD	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0626	J	0.0548	1.06	ng/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B</																	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	6020A	11/27/2013	PH129	7.4		2 7440-24-6	STRONTIUM	19.8		0.0720	0.423	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	6020A	11/27/2013	PH129	7.4		2 7440-28-0	THALLIUM	0.288		0.0318	0.212	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	6020A	11/27/2013	PH129	7.4		2 7782-49-2	SELENIUM	0.154	J	0.106	0.423	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	7199	11/26/2013	PH129	7.4		1 18540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	0.43	R	0.15	0.43	mg/kg	U	R	E, Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	7471B	11/26/2013	PH129	7.4		1 7439-97-6	MERCURY	0.0167	U	0.0100	0.0167	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8015M	11/23/2013	PH129	7.4		1 PHCC12C14	EFH (C12-C14)	5.4	U	2.2	5.4	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8015M	11/23/2013	PH129	7.4		1 PHCC15C20	EFH (C15-C20)	5.4	U	2.2	5.4	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8015M	11/23/2013	PH129	7.4		1 PHCC21C30	EFH (C21-C30)	5.4	U	2.2	5.4	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8015M	11/23/2013	PH129	7.4		1 PHCC30C40	EFH (C30-C40)	11	U	4.3	11	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8015M	11/23/2013	PH129	7.4		1 PHCC8C11	EFH (C8-C11)	5.4	U	2.2	5.4	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 11096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 11097-69-1	Aroclor 1254	18	U	4.7	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 11100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 11104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 11126-42-4	Aroclor 5460	29	J	11	35	ug/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 11141-16-5	Aroclor 1232	18	U	4.4	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 12642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 12672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 12674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 37324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 53469-21-9	Aroclor 1242	18	U	4.4	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 63496-31-1	Aroclor 5432	35	U	11	35	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 110-91-8	MORPHOLINE	22	U	22	22	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10	J	6.4	19	ug/kg	J	J	L, Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 117-84-0	Di-n-octylphthalate	19	UJ	6.4	19	ug/kg	U	UJ	L	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 129-00-0	PYRENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 131-11-3	DIMETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 191-24-2	BENZO(C,H,I)PERYLENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 192-97-2	Benzo(e)pyrene	18	UJ	3.6	18	ug/kg	U	UJ	L	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 206-44-0	FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8270D SIM	8/8/2013	PH077	2.2		1 218-01-9	Chrysene	1.6	J	0.51	2.6	ug/kg	J	J	Z	1786807	267367.9	-118.70625
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 50-32-8	BENZO(A)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 83-32-9	ACENAPHTHENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 84-66-2	DIETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 84-74-2	Di-n-butylphthalate	45		6.4	19	ug/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 85-01-8	PHENANTHRENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.4	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft																							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17429-90-5	ALUMINUM (FUME OR DUST)	14500		7.31	40.5	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17439-89-6	IRON	20100		3.67	40.5	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17439-92-1	LEAD	6.2		0.507	3.04	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17439-93-2	LITHIUM	23.6		0.34	4.1	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17439-95-4	MAGNESIUM	4430		1.69	10.1	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17439-96-5	MANGANESE	294		0.0841	1.01	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17439-98-7	MOLYBDENUM	2.03	U	0.172	2.03	mg/kg	J	U	F	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-02-0	NICKEL	10.9		0.132	2.03	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-09-7	POTASSIUM	3420	J	8.45	101	mg/kg		J	Q	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-23-5	SODIUM	88.1	J	16.9	101	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-32-6	TITANIUM METAL POWDER	1290		0.172	1.01	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-36-0	ANTIMONY	4.05	UJ	0.750	4.05	mg/kg	U	UJ	Q	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-38-2	ARSENIC	2.95	J	0.709	4.05	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-39-3	BARIUM	89.9		0.0334	1.01	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-41-7	BERYLLIUM	0.605	J	0.0679	1.01	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-42-8	BORON	1.6	J	0.851	10.1	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-43-9	CADMIUM	1.01	U	0.0770	1.01	mg/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-47-3	CHROMIUM	17.4		0.162	3.04	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-48-4	COBALT	4.55		0.100	1.01	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-50-8	COPPER	17		0.294	2.03	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-62-2	VANADIUM (FUME OR DUST)	35.6		0.132	1.01	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-66-6	ZINC	60.5	J	0.203	4.05	mg/kg		J	Q	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-67-7	ZIRCONIUM	3.14	J	0.851	5.07	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-70-2	CALCIUM METAL	2920		3.38	20.3	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17723-14-0	PHOSPHORUS	387		2.93	10.1	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6020A	12/10/2013	PH134	4.2		27782-49-2	SELENIUM	0.123	J	0.101	0.405	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6020A	12/10/2013	PH134	4.2		27440-22-4	SILVER	0.0282	J	0.0263	0.203	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6020A	12/10/2013	PH134	4.2		27440-24-6	STRONTIUM	17.2		0.0689	0.405	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6020A	12/10/2013	PH134	4.2		27440-28-0	THALLIUM	0.263		0.0304	0.203	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	7471B	12/10/2013	PH134	4.2		17439-97-6	MERCURY	0.0108	J	0.0101	0.0168	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8015M	12/7/2013	PH134	4.2		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8015M	12/7/2013	PH134	4.2		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8015M	12/7/2013	PH134	4.2		1PHCC21C30	EFH (C21-C30)	4.7	J	2.1	5.2	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8015M	12/7/2013	PH134	4.2		1PHCC30C40	EFH (C30-C40)	12		4.2	10	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8015M	12/7/2013	PH134	4.2		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		111097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		111100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		111104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		111141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		112672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		112674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		137324-23-5	Aroclor 1262	18										

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude		
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	1613B	12/14/2013	PH134	2.2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.853	J	0.0426	4.96	ng/kg	JB	J	Z	1786232	267383.5	-118.70815		
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	1613B	12/14/2013	PH134	2.2		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.96	U	0.0519	4.96	ng/kg	JBQ	J	B	1786232	267383.5	-118.70815		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		11746-01-6	2,3,7,8-TCDD	0.128	J	0.0697	1.03	ng/kg	JQ	J	Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.319	J	0.0468	5.15	ng/kg	JQ	J	Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		13268-87-9	OCDD	3.25	J	0.0540	10.3	ng/kg	JB	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.584	J	0.0475	5.15	ng/kg	JBQ	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		139001-02-0	OCDF	10.3	UJ	0.0908	10.3	ng/kg	JB	UJ	B, FD	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.244	J	0.0469	5.15	ng/kg	JQ	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.385	J	0.0543	5.15	ng/kg	JBQ	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.106	J	0.0688	1.03	ng/kg	JQ	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.15	U	0.0317	5.15	ng/kg	JBQ	U	B	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		157117-31-4	2,3,4,7,8-PECDF	5.15	UJ	0.0331	5.15	ng/kg	JBQ	UJ	B, FD	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.486	J	0.0340	5.15	ng/kg	JBQ	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		157117-44-9	1,2,3,6,7,8-HXCDF	0.353	J	0.0407	5.15	ng/kg	J	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.15	U	0.0468	5.15	ng/kg	JB	U	B	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		160851-34-5	2,3,4,6,7,8-HXCDF	0.368	J	0.0434	5.15	ng/kg	J	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.15	UJ	0.0256	5.15	ng/kg	JBQ	UJ	B, FD	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		170648-26-9	1,2,3,4,7,8-HXCDF	5.15	UJ	0.0435	5.15	ng/kg	JB	UJ	B, FD	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		172918-21-9	1,2,3,7,8,9-HXCDF	0.389	J	0.0494	5.15	ng/kg	J	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		17TCDD TEQ	TCDD TEQ	0.174			0	ng/kg				1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17429-90-5	ALUMINIUM (FUME OR DUST)	19000			7.20	39.9	mg/kg				1786161	267398.6	-118.70838	
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17439-89-6	IRON	22700	J		3.61	39.9	mg/kg		J	Q		1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17439-92-1	LEAD	8.45			0.499	3.00	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17439-93-2	LITHIUM	20.2			0.34	4.0	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17439-95-4	MAGNESIUM	4300			1.67	9.98	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17439-96-5	MANGANESE	321			0.0829	0.998	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17439-98-7	MOLYBDENUM	2	UJ		0.170	2.00	mg/kg	J	UJ	F, FD	1786161	267398.6	-118.70838	
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-02-0	NICKEL	13			0.130	2.00	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-09-7	POTASSIUM	3110	J		8.33	99.8	mg/kg	J		Q		1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-23-5	SODIUM	171			16.7	99.8	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-31-5	TIN	9.98	U		0.220	9.98	mg/kg	J	U	B		1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-32-6	TITANIUM METAL POWDER	1290			0.170	0.998	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-36-0	ANTIMONY	3.99	UJ		0.739	3.99	mg/kg	U	UJ	Q		1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-38-2	ARSENIC	5.35			0.699	3.99	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-39-3	BARIUM	105			0.0329	0.998	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-41-7	BERYLLIUM	0.715	J		0.0669	0.998	mg/kg	J	J	Z		1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-42-8	BORON	4.18	J		0.839	9.98	mg/kg	J	J	Z		1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-43-9	CADMIUM	0.998	U		0.0759	0.998	mg/kg	U				1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-47-3	CHROMIUM	23.9			0.160	3.00	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-48-4	COBALT	6.3			0.0988	0.998	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-50-8	COPPER	15.4												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		111141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		112672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		112674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		113724-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		1153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		1163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1120-36-5	DICHLORPROP	18	U	9.3	18	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		11918-00-9	DICAMBA	12	U	4.1	12	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1175-99-0	2,2-DICHLOROPROPIONIC ACID	240	U	240	240	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1188-85-7	DINITROBUTYL PHENOL	25	U	9.3	25	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1193-65-2	MCPP	2600	U	780	2600	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1193-72-1	2,4,5-TP (Silvex)	1.8	U	0.78	1.8	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1193-76-5	2,4,5-T	1.8	U	0.85	1.8	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1194-74-6	MCPA (2-METHYL-4-CHLOROPHENOXYACETIC ACID)	2600	U	790	2600	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1194-75-7	2,4-D	37	U	12	37	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1194-82-6	2,4-DB	18	U	6.4	18	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		11205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		11206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		11207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		11208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		11218-01-9	Chrysene	1.7	UJ	0.35	1.7	ug/kg	U	UJ	FD	1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786161	267398.6	-118.70838
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	1613B	12/13/2013	PH135	7.8		1172918-21-9	1,2,3,7,8,9-HXCDF	5.37	U	0.0207	5.37	ng/kg	JBQ	U	B	1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	1613B	12/13/2013	PH135	7.8		11TCDD TEQ	TCDD TEQ	0.0013		0	0	ng/kg				1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	6010C	12/3/2013	PH135	7.8		517439-89-6	IRON	45700		19.4	215	mg/kg				1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	6010C	12/3/2013	PH135	7.8		117429-90-5	ALUMINUM (FUME OR DUST)	29800		7.74	43.0	mg/kg				1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	6010C	12/3/2013	PH135	7.8		117439-92-1	LE											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		111126-42-4	Aroclor 5460	36	U	11	36	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		111141-16-5	Aroclor 1232	18	U	4.4	18	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		12642-23-8	Aroclor 5442	36	U	11	36	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		12672-29-6	Aroclor 1248	18	U	3.6	18	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		12674-11-2	Aroclor 1016	18	U	3.6	18	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		137324-23-5	Aroclor 1262	18	U	3.6	18	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		153469-21-9	Aroclor 1242	18	U	4.4	18	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		163496-31-1	Aroclor 5432	36	U	11	36	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.4	19	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1117-84-0	Di-n-octylphthalate	19	U	6.4	19	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		129-00-0	PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		131-11-3	DIMETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		192-97-2	Benzo(e)pyrene	18	U	3.6	18	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1206-44-0	FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1218-01-9	Chrysene	1.8	U	0.36	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		150-32-8	BENZO(A)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		183-32-9	ACENAPHTHENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		184-66-2	DIETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		184-74-2	Di-n-butylphthalate	19	U	6.4	19	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		185-01-8	PHENANTHRENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		186-73-7	FLUORENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		191-20-3	NAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	9045M	11/27/2013	PH135	7.8		pH	PH	7.11		0.0100	0.0100	pH unit				1786500	267642.2	-118.70727
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	160.3M	12/6/2013	PH135	3		1	MOIST	3		0.10	0.10	%				1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		11746-01-6	2,3,7,8-TCDD	0.111	J	0.0618	0.995	ng/kg	JQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.245	J	0.0280	4.98	ng/kg	JBQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		13268-87-9	OCDD	138		0.0305	9.95	ng/kg	B			1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.68	J	0.0327	4.98	ng/kg	JB	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		139001-02-0	OCDF	1.39	J	0.0325	9.95	ng/kg	JB	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.98	U	0.0282	4.98	ng/kg	JBQ	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0955	J	0.0325	4.98	ng/kg	JQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0553	J	0.0495	0.995	ng/kg	JQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.98	U	0.0207	4.98	ng/kg	JBQ	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/1																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	6020A	12/3/2013	PH135	3		2 7782-49-2	SELENIUM	0.129	J	0.102	0.408	mg/kg	J	J	Z	1786574	267615	-118.70702
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1 90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	J			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1 91-20-3	NAPHTHALENE	0.74	J	0.69	1.7	ug/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1 91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	J			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	9045M	11/20/2013	PH131	3.4		1 pH	PH	7.16		0.0100	0.0100	pH unit				1786090	267710.9	-118.70863
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	160.3M	11/26/2013	PH131	2.1		1 MOIST	MOISTURE	2.1		0.10	0.10	%				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 1746-01-6	2,3,7,8-TCDD	0.0925	J	0.0515	0.993	ng/kg	JQ	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.572	J	0.0257	4.96	ng/kg	JB	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 3268-87-9	OCDD	4.27	J	0.0275	9.93	ng/kg	JB	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.96	U	0.0315	4.96	ng/kg	JBQ	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 39001-02-0	OCDF	9.93	U	0.0422	9.93	ng/kg	JB	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.96	U	0.0256	4.96	ng/kg	JBQ	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.235	J	0.0378	4.96	ng/kg	J	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0689	J	0.0488	0.993	ng/kg	JQ	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 55673-89-7	1,2,3,4,7,8,9-HPCDF	4.96	U	0.0182	4.96	ng/kg	JBQ	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 57117-31-4	2,3,4,7,8-PECDF	4.96	U	0.0251	4.96	ng/kg	JB	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.96	U	0.0254	4.96	ng/kg	JBQ	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 57117-44-9	1,2,3,6,7,8-HXCDF	0.143	J	0.0232	4.96	ng/kg	JB	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.301	J	0.0253	4.96	ng/kg	JQ	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 60851-34-5	2,3,4,6,7,8-HXCDF	4.96	U	0.0238	4.96	ng/kg	JB	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 67562-39-4	1,2,3,4,6,7,8-HPCDF	4.96	U	0.0113	4.96	ng/kg	JBQ	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 70648-26-9	1,2,3,4,7,8-HXCDF	0.119	J	0.0255	4.96	ng/kg	JQ	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 72918-21-9	1,2,3,7,8,9-HXCDF	0.416	J	0.0259	4.96	ng/kg	JBQ	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 TCDD TEQ	TCDD TEQ	0.372		0	0	ng/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7429-90-5	ALUMINUM (FUME OR DUST)	14800		7.36	40.9	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7439-89-6	IRON	19300		3.70	40.9	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7439-92-1	LEAD	6		0.511	3.06	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7439-93-2	LITHIUM	20.3		0.35	4.1	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7439-95-4	MAGNESIUM	4010		1.71	10.2	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7439-96-5	MANGANESE	305		0.0848	1.02	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7439-98-7	MOLYBDENUM	2.04	U	0.174	2.04	mg/kg	J	U	F	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-02-0	NICKEL	10.9		0.133	2.04	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-09-7	POTASSIUM	3360	J	8.52	102	mg/kg		J	Q	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-23-5	SODIUM	67	J	17.1	102	mg/kg	J	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-32-6	TITANIUM METAL POWDER	1030		0.174	1.02	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-36-0	ANTIMONY	4.09	UJ	0.756	4.09	mg/kg	U	UJ	Q	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-38-2	ARSENIC	3.17	J	0.715	4.09	mg/kg	J	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-39-3	BARIUM	88.7		0.0337	1.02	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-41-7	BERYLLIUM	0.579	J	0.0684	1.02	mg/kg	J	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-42-8	BORON	1.52	J	0.858	10.2	mg/kg	J	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-43-9	CADMIUM	1.02	U	0.0776	1.02	mg/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-47-3	CHROMIUM	17.5		0.163	3.06	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-48-4	COBALT	4.95		0.101	1.02	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-50-8</												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		1206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1218-01-9	Chrysene	3.7		0.34	1.7	ug/kg				1786689	267422.5	-118.70664
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		187-68-3	HEXACHLORO-1,3-BUTADIENE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		187-86-5	PENTACHLOROPHENOL	170	U	34	170	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		188-06-2	2,4,6-TRICHLOROPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		188-74-4	2-NITROANILINE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		188-75-5	2-NITROPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		190-12-0	1-METHYLNAPHTHALENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		191-20-3	NAPHTHALENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		191-57-6	2-METHYLNAPHTHALENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		191-58-7	2-CHLORONAPHTHALENE	34	U	7	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		191-94-1	3,3'-DICHLORO BENZIDINE	340	U	100	340	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		192-52-4	1,1'-Biphenyl	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		192-87-5	BENZIDINE	1700	U	710	1700	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		195-48-7	2-METHYLPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		195-50-1	1,2-DICHLORO BENZENE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		195-57-8	2-CHLOROPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		195-95-4	2,4,5-TRICHLOROPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		198-95-3	NITROBENZENE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		199-09-2	3-NITROANILINE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-43-9	CADMIUM	0.11	J	0.0775	1.02	mg/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-47-3	CHROMIUM	19.7		0.163	3.06	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-48-4	COBALT	6.13		0.101	1.02	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-50-8	COPPER	14.8		0.296	2.04	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-62-2	VANADIUM (FUME OR DUST)	37.6		0.133	1.02	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-66-6	ZINC	53		0.204	4.08	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-67-7	ZIRCONIUM	2.57	J	0.857	5.10	mg/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-70-2	CALCIUM METAL	2490		3.41	20.4	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17723-14-0	PHOSPHORUS	397		2.95	10.2	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6020A	11/26/2013	PH128	2.9		27782-49-2	SELENIUM	0.123	J	0.102	0.408	mg/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6020A	11/26/2013	PH128	2.9		27440-22-4	SILVER	0.0291	J	0.0265	0.204	mg/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6020A	11/26/2013	PH128	2.9		27440-24-6	STRONTIUM	17	J	0.0693	0.408	mg/kg		J	Q	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6020A	11/26/2013	PH128	2.9		27440-28-0	THALLIUM	0.259		0.0306	0.204	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	7471B	11/25/2013	PH128	2.9		17439-97-6	MERCURY	0.0163	U	0.0098	0.0163	mg/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8015M	11/22/2013	PH128	2.9		1PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8015M	11/22/2013	PH128	2.9		1PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8015M	11/22/2013	PH128	2.9		1PHCC21C30	EFH (C21-C30)	5.1	U	2.1	5.1	mg/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8015M	11/22/2013	PH128	2.9		1PHCC30C40	EFH (C30-C40)	10	U	4								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8270D SIM	11/25/2013	PH128	2.9		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785719	267118	-118.70984	
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8270D SIM	11/25/2013	PH128	2.9		91-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785719	267118	-118.70984	
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8270D SIM	11/25/2013	PH128	2.9		91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785719	267118	-118.70984	
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	9045M	11/14/2013	PH128	2.9		pH	PH	6.81		0.0100	0.0100	pH unit				1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	160.3M	11/19/2013	PH128	6		1MOIST	MOISTURE	6		0.10	0.10	%				1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		11746-01-6	2,3,7,8-TCDD	0.0826	J	0.0410	1.06	ng/kg	J	J	Z	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.29	U	0.0233	5.29	ng/kg	JBQ	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		13268-87-9	OCDD	10.6	U	0.0316	10.6	ng/kg	JB	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.29	U	0.0276	5.29	ng/kg	JBQ	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		139001-02-0	OCDF	10.6	U	0.0345	10.6	ng/kg	JB	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0695	J	0.0229	5.29	ng/kg	J	J	Z	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.29	U	0.0310	5.29	ng/kg	JBQ	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0707	J	0.0417	1.06	ng/kg	JQ	J	Z	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.29	U	0.0153	5.29	ng/kg	JBQ	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		157117-31-4	2,3,4,7,8-PECDF	5.29	U	0.0204	5.29	ng/kg	JB	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.29	U	0.0195	5.29	ng/kg	JB	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		157117-44-9	1,2,3,6,7,8-HXCDF	5.29	U	0.0190	5.29	ng/kg	JB	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0951	J	0.0246	5.29	ng/kg	JQ	J	Z	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		160851-34-5	2,3,4,6,7,8-HXCDF	5.29	U	0.0195	5.29	ng/kg	JBQ	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.29	U	0.00947	5.29	ng/kg	JB	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		170648-26-9	1,2,3,4,7,8-HXCDF	5.29	U	0.0216	5.29	ng/kg	JB	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		172918-21-9	1,2,3,7,8,9-HXCDF	5.29	U	0.0238	5.29	ng/kg	JBQ	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		1TCDD TEQ	TCDD TEQ	0.206		0	0	ng/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17429-90-5	ALUMINUM (FUME OR DUST)	15300		7.59	42.1	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17439-89-6	IRON	22600	J	3.81	42.1	mg/kg		J	A		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17439-92-1	LEAD	5.41		0.527	3.16	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17439-93-2	LITHIUM	29.2		0.36	4.2	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17439-95-4	MAGNESIUM	5030		1.76	10.5	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17439-96-5	MANGANESE	256		0.0874	1.05	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17439-98-7	MOLYBDENUM	2.11	U	0.179	2.11	mg/kg	J	U	F		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-02-0	NICKEL	10.5		0.137	2.11	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-09-7	POTASSIUM	1600		8.78	105	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-23-5	SODIUM	104	J	17.6	105	mg/kg	J	J	Z		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-31-5	TIN	10.5	U	0.232	10.5	mg/kg	J	U	B		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-32-6	TITANIUM METAL POWDER	1160		0.179	1.05	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-36-0	ANTIMONY	4.21	UJ	0.779	4.21	mg/kg	U	UJ	Q		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-38-2	ARSENIC	3.83	J	0.737	4.21	mg/kg	J	J	Z		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-39-3	BARIUM	81.8		0.0348	1.05	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-41-7	BERYLLIUM	0.607	J	0.0706	1.05	mg/kg	J	J	Z		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-42-8	BORON	1.75	J	0.885	10.5	mg/kg	J	J	Z		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-43-9	CADMIUM	1.05	U	0.0801	1.05	mg/kg	U				1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-47-3	CHROMIUM	19.4		0.169	3.16	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-48-4	COBALT	5.53		0.104	1.05	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-50-8	COPPER	7.1		0.305	2.11	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-62-2	VANADIUM (FUME OR DUST)	38.1		0.137	1.05	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	1613B	11/26/2013	PH128	2.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.138	J	0.0411	5.09	ng/kg	JQ	J	Z	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	1613B	11/26/2013	PH128	2.7		160851-34-5	2,3,4,6,7,8-HXCDF	5.09	U	0.0219	5.09	ng/kg	JBQ	U	B	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	1613B	11/26/2013	PH128	2.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.09	U	0.0129	5.09	ng/kg	JB	U	B	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	1613B	11/26/2013	PH128	2.7		170648-26-9	1,2,3,4,7,8-HXCDF	5.09	U	0.0231	5.09	ng/kg	JBQ	U	B	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	1613B	11/26/2013	PH128	2.7		172918-21-9	1,2,3,7,8,9-HXCDF	5.09	U	0.0228	5.09	ng/kg	JB	U	B	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	1613B	11/26/2013	PH128	2.7		17CDD TEQ	TCDD TEQ	0.427		0	0	ng/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17429-90-5	ALUMINUM (FUME OR DUST)	16200		7.34	40.7	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17439-89-6	IRON	24000	J	3.68	40.7	mg/kg		J	A	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17439-92-1	LEAD	7.17		0.509	3.05	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17439-93-2	LITHIUM	24.8		0.35	4.1	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17439-95-4	MAGNESIUM	5020		1.70	10.2	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17439-96-5	MANGANESE	285		0.0845	1.02	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17439-98-7	MOLYBDENUM	2.04	U	0.173	2.04	mg/kg	J	U	F	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-02-0	NICKEL	12.8		0.132	2.04	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-09-7	POTASSIUM	2280		8.49	102	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-23-5	SODIUM	342		17.0	102	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-31-5	TIN	10.2	U	0.224	10.2	mg/kg	J	U	B	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-32-6	TITANIUM METAL POWDER	1180		0.173	1.02	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-36-0	ANTIMONY	4.07	UJ	0.753	4.07	mg/kg	U	UJ	Q	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-38-2	ARSENIC	6.09		0.712	4.07	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-39-3	BARIUM	93.9		0.0336	1.02	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-41-7	BERYLLIUM	0.698	J	0.0682	1.02	mg/kg	J	J	Z	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-42-8	BORON	4.9	J	0.855	10.2	mg/kg	J	J	Z	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-43-9	CADMIUM	0.275	J	0.0773	1.02	mg/kg	J	J	Z	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-47-3	CHROMIUM	20.3		0.163	3.05	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-48-4	COBALT	6.74		0.101	1.02	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-50-8	COPPER	12.3		0.295	2.04	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-62-2	VANADIUM (FUME OR DUST)	40.4		0.132	1.02	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-66-6	ZINC	66.4		0.204	4.07	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-67-7	ZIRCONIUM	4.24	J	0.855	5.09	mg/kg	J	J	Z	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-70-2	CALCIUM METAL	8180		3.40	20.4	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17723-14-0	PHOSPHORUS	322		2.94	10.2	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6020A	11/26/2013	PH128	2.7		27782-49-2	SELENIUM	0.407	U	0.102	0.407	mg/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6020A	11/26/2013	PH128	2.7		27440-22-4	SILVER	0.0276	J	0.0265	0.204	mg/kg	J	J	Z	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6020A	11/26/2013	PH128	2.7		27440-24-6	STRONTIUM	38.3	J	0.0692	0.407	mg/kg		J	Q	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6020A	11/26/2013	PH128	2.7		27440-28-0	THALLIUM	0.257		0.0305	0.204	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	7471B	11/25/2013	PH128	2.7		17439-97-6	MERCURY	0.0161	U	0.0096	0.0161	mg/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8015M	11/22/2013	PH128	2.7		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8015M	11/22/2013	PH128	2.7		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8015M	11/22/2013	PH128	2.7		1PHCC21C30	EFH (C21-C30)	5.1	U	2.0	5.1	mg/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8015M	11/22/2013	PH128	2.7		1PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8015M	11/22/2013	PH128	2.7		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8082A	11/22/2013	PH128	2.7		111096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8082A	11/22/2013	PH128	2.7		111097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8082A	11/22/2013	PH128	2.7		111100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		727																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	160.3M	11/28/2013	PH132	4.7		1	MOIST			0.10	0.10	%				1785346	267516.2	-118.71108	
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	1746-01-6	2,3,7,8-TCDD	0.109	J	0.0478	1.09	ng/kg	JQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.43	U	0.0403	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	3268-87-9	OCDD	8.66	J	0.0518	10.9	ng/kg	JB	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.971	J	0.0574	5.43	ng/kg	JBQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	39001-02-0	OCDF	10.9	U	0.0718	10.9	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.43	U	0.0448	5.43	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.43	U	0.0717	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.09	U	0.0524	1.09	ng/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.43	U	0.0246	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	57117-31-4	2,3,4,7,8-PECDF	5.43	U	0.0378	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.43	U	0.0382	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	57117-44-9	1,2,3,6,7,8-HXCDF	5.43	U	0.0372	5.43	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.43	U	0.0472	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.43	U	0.0349	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.43	U	0.0200	5.43	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.43	U	0.0397	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	72918-21-9	1,2,3,7,8,9-HXCDF	5.43	U	0.0267	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	TCDD TEQ	TCDD TEQ	0.0293		0	0	ng/kg				1785404	267503.8	-118.71089
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		1	7429-90-5	ALUMINUM (FUME OR DUST)	12100		7.35	40.8	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		1	7439-89-6	IRON	19900		3.69	40.8	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		1	7439-92-1	LEAD	7.44		0.509	3.06	mg/kg				1785346	267516.2	-118.71108
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.4	U	0.0242	5.40	ng/kg	JB	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.4	U	0.0182	5.40	ng/kg	JB	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.4	U	0.0246	5.40	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		1	72918-21-9	1,2,3,7,8,9-HXCDF	5.4	U	0.0265	5.40	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		1	TCDD TEQ	TCDD TEQ	0.0317		0	0	ng/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7429-90-5	ALUMINUM (FUME OR DUST)	18800		7.68	42.6	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7439-92-1	LEAD	9.89		0.533	3.20	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7439-93-2	LITHIUM	29.3		0.36	4.3	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7439-95-4	MAGNESIUM	6440		1.78	10.7	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7439-96-5	MANGANESE	337		0.0884	1.07	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7439-98-7	MOLYBDENUM	2.13	U	0.181	2.13	mg/kg	J	U	F	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-02-0	NICKEL	15.2		0.139	2.13	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-09-7	POTASSIUM	1960		8.89	107	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-23-5	SODIUM	133		17.8	107	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-31-5	TIN	10.7	U	0.234	10.7	mg/kg	J	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-32-6	TITANIUM METAL POWDER	1220		0.181	1.07	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-36-0	ANTIMONY	4.26	UJ	0.789	4.26	mg/kg	U	UJ	Q	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-38-2	ARSENIC	10.7		0.746	4.26	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-39-3	BARIUM	129		0.0352	1.07	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-41-7	BERYLLIUM	0.987	J	0.0714	1.07	mg/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-42-8	BORON	3.8	J	0.895	10.7	mg/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-43-9	CADMIUM	0.226	J	0.0810	1.07	mg/kg	J	J	Z	1785429	267	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1131-11-3	DIMETHYL PHTHALATE	20	U	6.5	20	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1191-24-2	BENZO(G,H,I)PERYLENE	1.2	J	0.72	1.8	ug/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1192-97-2	Benzo(e)pyrene	18	U	3.6	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1205-99-2	BENZO(B)FLUORANTHENE	3.3		0.72	1.8	ug/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1206-44-0	FLUORANTHENE	1.4	J	0.72	1.8	ug/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1218-01-9	Chrysene	2.3		0.36	1.8	ug/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		150-32-8	BENZO(A)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		156-55-3	BENZO(A)ANTHRACENE	0.96	J	0.72	1.8	ug/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	0.75	J	0.72	1.8	ug/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		183-32-9	ACENAPHTHENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		184-66-2	DIETHYL PHTHALATE	20	U	6.5	20	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		184-74-2	Di-n-butylphthalate	20	U	6.5	20	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		185-01-8	PHENANTHRENE	19		0.72	1.8	ug/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.5	20	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		186-73-7	FLUORENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		191-20-3	NAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	9045M	11/21/2013	PH132	8		pH	PH	6.27		0.0100	0.0100	pH unit				1785429	267430.3	-118.71081
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	160.3M	12/5/2013	PH133	2.2		1MOIST	MOISTURE	2.2		0.10	0.10	%				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		11746-01-6	2,3,7,8-TCDD	0.183	J	0.0637	1.01	ng/kg	JQ	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.24	J	0.0943	5.05	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		13268-87-9	OCDD	3570		0.239	10.1	ng/kg	B			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	176		0.194	5.05	ng/kg	B			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		139001-02-0	OCDF	67.9		0.133	10.1	ng/kg	B			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	2.47	J	0.0925	5.05	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	1.43	J	0.0947	5.05	ng/kg	JBQ	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.475	J	0.0888	1.01	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		155673-89-7	1,2,3,4,7,8,9-HPCDF	1.69	J	0.0937	5.05	ng/kg	JBQ	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		157117-31-4	2,3,4,7,8-PECDF	1.5	J	0.0537	5.05	ng/kg	JB	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	1.18	J	0.0545	5.05	ng/kg	JB	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		157117-44-9	1,2,3,6,7,8-HXCDF	1.4	J	0.0725	5.05	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.25		0.0981	5.05	ng/kg	B			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		160851-34-5	2,3,4,6,7,8-HXCDF	1.61	J	0.0718	5.05	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		167562-39-4	1,2,3,4,6,7,8-HPCDF	34.3		0.0729	5.05	ng/kg	B			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		170648-26-9	1,2,3,4,7,8-HXCDF	2.18	J	0.0752	5.05	ng/kg	JB	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		172918-21-9	1,2,3,7,8,9-HXCDF	1.53	J	0.0862	5.05	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		1TCDD TEQ	TCDD TEQ	5.59		0	0	ng/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	6010C	12/9/2013	PH133	2.2		17429-90-5	ALUMINUM (FUME OR DUST)	14900		7.23	40.1	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	6010C	12/9/2013	PH133	2.2		17439-89-6	IRON	22200	J	3.63	40.1	mg/kg		J	Q	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	6010C	12/9/2013	PH133	2.2		17439-92-1	LEAD	13.5		0.501	3.01	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/201																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8082A	12/9/2013	PH136	3.2		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8082A	12/9/2013	PH136	3.2		153469-21-9	Aroclor 1242	18	U	4.2	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8082A	12/9/2013	PH136	3.2		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1129-00-0	PYRENE	2		0.68	1.7	ug/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1191-24-2	BENZO(G,H,I)PERYLENE	1.2	J	0.68	1.7	ug/kg	J	J	Z	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1205-99-2	BENZO(B)FLUORANTHENE	2.3		0.68	1.7	ug/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1206-44-0	FLUORANTHENE	2.3		0.68	1.7	ug/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1207-08-9	BENZO(K)FLUORANTHENE	0.95	J	0.68	1.7	ug/kg	J	J	Z	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	8270D SIM	6/28/2013	PH059	2.7		1218-01-9	Chrysene	1.6	J	0.34	1.7	ug/kg	J	J	Z	1786724	267467.5	-118.70652
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		150-32-8	BENZO(A)PYRENE	1.1	J	0.68	1.7	ug/kg	J	J	Z	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		185-01-8	PHENANTHRENE	0.91	J	0.68	1.7	ug/kg	J	J	Z	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	9045M	12/4/2013	PH136	3.2		1pH	PH	6.49		0.0100	0.0100	pH unit				1785801	267429.2	-118.70958
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	160.3M	12/5/2013	PH136	2.5		1MOIST	MOISTURE	2.5		0.10	0.10	%				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		11746-01-6	2,3,7,8-TCDD	0.065	J	0.0608	1.02	ng/kg	JQ	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.856	J	0.0480	5.12	ng/kg	JB	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		13268-87-9	OCDD	338		0.0417	10.2	ng/kg	B			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35.6		0.0503	5.12	ng/kg	B			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		139001-02-0	OCDF	13.4		0.0326	10.2	ng/kg	B			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.363	J	0.0515	5.12	ng/kg	JBQ	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.272	J	0.0494	5.12	ng/kg	JQ	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.177	J	0.0857	1.02	ng/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.413	J	0.0269	5.12	ng/kg	JBQ	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		157117-31-4	2,3,4,7,8-PECDF	1.02	J	0.0378	5.12	ng/kg	JB	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.561	J	0.0428	5.12	ng/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		157117-44-9	1,2,3,6,7,8-HXCDF	0.48	J	0.0373	5.12	ng/kg	JB	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.36	J	0.0547	5.12	ng/kg	JB	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		160851-34-5	2,3,4,6,7,8-HXCDF	0.689	J	0.0358	5.12	ng/kg	JB	J	Z	1785972		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	Remarks	X Coordina	Y Coordina	Longitude	
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8015M	12/7/2013	PH136	2.5		2	PHCC15C20	EFH (C15-C20)	6.4	J	4.1	10	mg/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8015M	12/7/2013	PH136	2.5		2	PHCC21C30	EFH (C21-C30)	42		4.1	10	mg/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8015M	12/7/2013	PH136	2.5		2	PHCC30C40	EFH (C30-C40)	140		8.1	20	mg/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8015M	12/7/2013	PH136	2.5		2	PHCC8C11	EFH (C8-C11)	10	U	4.1	10	mg/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	11096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	11126-42-4	Aroclor 5460	18	J	10	34	ug/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	12	J	6.1	18	ug/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	120-12-7	ANTHRACENE	0.51	J	0.34	1.7	ug/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	129-00-0	PYRENE	12		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	191-24-2	BENZO(G,H,I)PERYLENE	2.6		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	192-97-2	Benzo(e)pyrene	5.7	J	3.4	17	ug/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	205-99-2	BENZO(B)FLUORANTHENE	12		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	206-44-0	FLUORANTHENE	12		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	11096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1	117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1	129-00-0	PYRENE	1.4	J	0.68	1.7	ug/kg	J	J	Z	1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1785951	267730.2	-118.70909

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	1613B	12/4/2013	PH131	4		170648-26-9	1,2,3,4,7,8-HXCDF	5.17	U	0.0492	5.17	ng/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	1613B	12/4/2013	PH131	4		172918-21-9	1,2,3,7,8,9-HXCDF	5.17	U	0.0479	5.17	ng/kg	JBQ	U	B	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	1613B	12/4/2013	PH131	4		1TCDD TEQ	TCDD TEQ	0.000313		0	0	ng/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17429-90-5	ALUMINUM (FUME OR DUST)	15200		7.36	40.8	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17439-89-6	IRON	22600		3.70	40.8	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17439-92-1	LEAD	6.45		0.511	3.06	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17439-93-2	LITHIUM	29		0.35	4.1	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17439-95-4	MAGNESIUM	5050		1.71	10.2	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17439-96-5	MANGANESE	246		0.0848	1.02	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17439-98-7	MOLYBDENUM	2.04	U	0.174	2.04	mg/kg	J	U	F	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-02-0	NICKEL	8.79		0.133	2.04	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-09-7	POTASSIUM	1480	J	8.52	102	mg/kg		J	Q	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-23-5	SODIUM	114		17.1	102	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-32-6	TITANIUM METAL POWDER	1090		0.174	1.02	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-36-0	ANTIMONY	4.08	UJ	0.756	4.08	mg/kg	U	UJ	Q	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-38-2	ARSENIC	4.75		0.715	4.08	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-39-3	BARIUM	79.3		0.0337	1.02	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-41-7	BERYLLIUM	0.588	J	0.0684	1.02	mg/kg	J	J	Z	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-42-8	BORON	0.975	J	0.858	10.2	mg/kg	J	J	Z	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-43-9	CADMIUM	1.02	U	0.0776	1.02	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-47-3	CHROMIUM	16.8		0.163	3.06	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-48-4	COBALT	4.86		0.101	1.02	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-50-8	COPPER	4.41		0.296	2.04	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-62-2	VANADIUM (FUME OR DUST)	36.2		0.133	1.02	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-66-6	ZINC	45.8		0.204	4.08	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-67-7	ZIRCONIUM	3.02	J	0.858	5.11	mg/kg	J	J	Z	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-70-2	CALCIUM METAL	2750		3.41	20.4	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17723-14-0	PHOSPHORUS	296	J	2.95	10.2	mg/kg		J	Q	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6020A	12/2/2013	PH131	4		27782-49-2	SELENIUM	0.136	J	0.102	0.408	mg/kg	J	J	Z	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6020A	12/2/2013	PH131	4		27440-22-4	SILVER	0.0272	J	0.0266	0.204	mg/kg	J	J	Z	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6020A	12/2/2013	PH131	4		27440-24-6	STRONTIUM	20.9	J	0.0694	0.408	mg/kg		J	Q, A	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6020A	12/2/2013	PH131	4		27440-28-0	THALLIUM	0.222		0.0306	0.204	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	7471B	11/28/2013	PH131	4		17439-97-6	MERCURY	0.0172	U	0.0103	0.0172	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8015M	11/27/2013	PH131	4	26.48	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8015M	11/26/2013	PH131	4		1PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8015M	11/26/2013	PH131	4		1PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8015M	11/26/2013	PH131	4		1PHCC21C30	EFH (C21-C30)	5.1	U	2.1	5.1	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8015M	11/26/2013	PH131	4		1PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8015M	11/26/2013	PH131	4		1PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8082A	12/1/2013	PH131	4		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8082A	12/1/2013	PH131	4		111097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8082A	12/1/2013	PH131	4		111100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8082A	12/1/2013	PH131	4		111104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8082A	12/1/2013	PH131	4		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8082A	12/1/2013	PH131	4		111141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL</																		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		1218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		150-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		183-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		184-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		184-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		185-01-8	PHENANTHRENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		186-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		191-20-3	NAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	9045M	11/21/2013	PH132	5.7		1pH	PH	6.99		0.0100	0.0100	pH unit				1786122	267614.4	-118.70852
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	160.3M	11/28/2013	PH132	3.5		1MOIST	MOISTURE	3.5		0.10	0.10	%				1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		11746-01-6	2,3,7,8-TCDD	1.01	U	0.0525	1.01	ng/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.07	U	0.0188	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		13268-87-9	OCDD	10.1	U	0.0188	10.1	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.07	U	0.0256	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		139001-02-0	OCDF	10.1	U	0.0299	10.1	ng/kg	JB	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.07	U	0.0196	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.07	U	0.0336	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0467	J	0.0449	1.01	ng/kg	JQ	J	Z	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.07	U	0.0128	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		157117-31-4	2,3,4,7,8-PECDF	5.07	U	0.0173	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.07	U	0.0190	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		157117-44-9	1,2,3,6,7,8-HXCDF	5.07	U	0.0172	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.07	U	0.0208	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		160851-34-5	2,3,4,6,7,8-HXCDF	5.07	U	0.0168	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.07	U	0.0104	5.07	ng/kg	JB	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		170648-26-9	1,2,3,4,7,8-HXCDF	5.07	U	0.0176	5.07	ng/kg	JB	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		172918-21-9	1,2,3,7,8,9-HXCDF	5.07	U	0.0184	5.07	ng/kg	JB	U	B	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		1TCDD TEQ	TCDD TEQ	0.00943		0	0	ng/kg				1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17429-90-5	ALUMINUM (FUME OR DUST)	15000		7.47	41.5	mg/kg				1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17439-89-6	IRON	21600		3.75	41.5	mg/kg				1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17439-92-1	LEAD	6.86		0.518	3.11	mg/kg				1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17439-93-2	LITHIUM	16.8		0.35	4.1	mg/kg				1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17439-95-4	MAGNESIUM	4360		1.73	10.4	mg/kg				1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17439-96-5	MANGANESE	198		0.0860	1.04	mg/kg				1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17439-98-7	MOLYBDENUM	2.07	U	0.176	2.07	mg/kg	J	U	F	1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17440-02-0	NICKEL	6.97		0.135	2.07	mg/kg				1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17440-09-7	POTASSIUM	1780		8.64	104	mg/kg						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8082A	11/29/2013	PH132	3.5		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8082A	11/29/2013	PH132	3.5		153469-21-9	Aroclor 1242	18	U	4.2	18	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8082A	11/29/2013	PH132	3.5		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4	10	218-01-9	Chrysene	13	J	3.3	17	ug/kg	J	J	Z	1786775	267533.9	-118.70635
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	9045M	11/21/2013	PH132	3.5	1	pH	PH	6.76		0.0100	0.0100	pH unit				1786228	267553.2	-118.70817
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	160.3M	12/5/2013	PH133	3.7	1	MOIST	MOISTURE	3.7		0.10	0.10	%				1786161	267398.6	-118.70838
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	160.3M	12/6/2013	PH135	5.5	1	MOIST	MOISTURE	5.5		0.10	0.10	%				1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5		11746-01-6	2,3,7,8-TCDD	1.06	U	0.0642	1.06	ng/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.29	U	0.0207	5.29	ng/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	3268-87-9	OCDD	10.6	U	0.0192	10.6	ng/kg	JB	U	B	1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.29	U	0.0213	5.29	ng/kg	JBQ	U	B	1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	39001-02-0	OCDF	10.6	U	0.0311	10.6	ng/kg	JBQ	U	B	1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.29	U	0.0212	5.29	ng/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.29	U	0.0382	5.29	ng/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.06	U	0.0512	1.06	ng/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.29	U	0.0115	5.29	ng/kg	JBQ	U	B	1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	57117-31-4	2,3,4,7,8-PECDF	5.29	U	0.0211	5.29	ng/kg	JBQ	U	B	1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.29	U	0.0225	5.29	ng/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.29	U	0.0193	5.29	ng/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.29	U	0.02								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8015M	12/7/2013	PH135	5.5		1	PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8015M	12/7/2013	PH135	5.5		1	PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8015M	12/7/2013	PH135	5.5		1	PHCC21C30	EFH (C21-C30)	5.3	U	2.1	5.3	mg/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8015M	12/7/2013	PH135	5.5		1	PHCC30C40	EFH (C30-C40)	5	J	4.2	11	mg/kg	J	J	Z	1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8015M	12/7/2013	PH135	5.5		1	PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	11096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	11097-69-1	Aroclor 1254	18	U	4.7	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	11100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	11104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	11126-42-4	Aroclor 5460	35	U	11	35	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	11141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	12642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	12672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	12674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	37324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	53469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	63496-31-1	Aroclor 5432	35	U	11	35	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8	10	218-01-9	Chrysene	21		3.5	17	ug/kg				1786786	267465.2	-118.70632	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	50-32-8	BENZO(A)PYRENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	83-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	85-01-8	PHENANTHRENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	86-73-7	FLUORENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	91-20-3	NAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	9045M	11/27/2013	PH135	5.5		1	pH	PH	6.85		0.0100	0.0100	pH unit			1786500	267642.2	-118.70727	
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	160.3M	12/6/2013	PH135	7.8		1	MOIST	MOISTURE	7.8		0.10	0.10	%			1786500	267642.2	-118.70727	
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	1613B	12/13/2013																	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		185-01-8	PHENANTHRENE	2.8	J	0.68	1.7	ug/kg		J	FD	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	9045M	11/20/2013	PH131	2.3		1pH	PH	6.63		0.0100	0.0100	pH unit				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	160.3M	11/26/2013	PH131	3.4		1MOIST	MOISTURE	3.4		0.10	0.10	%				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		11746-01-6	2,3,7,8-TCDD	0.0756	J	0.0451	1.00	ng/kg	JQ	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.01	U	0.0316	5.01	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		13268-87-9	OCDD	13		0.0286	10.0	ng/kg	B			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.18	J	0.0324	5.01	ng/kg	JB	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		139001-02-0	OCDF	10	U	0.0385	10.0	ng/kg	JB	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.01	U	0.0311	5.01	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.217	J	0.0337	5.01	ng/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0551	J	0.0488	1.00	ng/kg	JQ	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.01	U	0.0208	5.01	ng/kg	JB	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		157117-31-4	2,3,4,7,8-PECDF	5.01	U	0.0219	5.01	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.01	U	0.0218	5.01	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		157117-44-9	1,2,3,6,7,8-HXCDF	0.22	J	0.0267	5.01	ng/kg	JB	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.191	J	0.0316	5.01	ng/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		160851-34-5	2,3,4,6,7,8-HXCDF	0.188	J	0.0287	5.01	ng/kg	JBQ	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.01	U	0.0152	5.01	ng/kg	JB	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		170648-26-9	1,2,3,4,7,8-HXCDF	0.171	J	0.0265	5.01	ng/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		172918-21-9	1,2,3,7,8,9-HXCDF	5.01	U	0.0327	5.01	ng/kg	JB	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		1TCDD TEQ	TCDD TEQ	0.322		0	0	ng/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17429-90-5	ALUMINIUM (FUME OR DUST)	14300		7.46	41.4	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17439-89-6	IRON	18900		3.75	41.4	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17439-92-1	LEAD	5.9		0.518	3.11	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17439-93-2	LITHIUM	22.9		0.35	4.1	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17439-95-4	MAGNESIUM	3880		1.73	10.4	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17439-96-5	MANGANESE	196		0.0859	1.04	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17439-98-7	MOLYBDENUM	2.07	U	0.176	2.07	mg/kg	J	U	F	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-02-0	NICKEL	8.1		0.135	2.07	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-09-7	POTASSIUM	1880	J	8.63	104	mg/kg		J	Q	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-23-5	SODIUM	138		17.3	104	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-31-5	TIN	10.4	U	0.228	10.4	mg/kg	J	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-32-6	TITANIUM METAL POWDER	1150		0.176	1.04	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-36-0	ANTIMONY	4.14	UJ	0.766	4.14	mg/kg	U	UJ	Q	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-38-2	ARSENIC	2.85	J	0.725	4.14	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-39-3	BARIUM	63.4		0.0342	1.04	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-41-7	BERYLLIUM	0.557	J	0.0694	1.04	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-42-8	BORON	1.22	J	0.870	10.4	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/14/2013	PH131	3.4		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/14/2013	PH131	3.4		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/14/2013	PH131	3.4		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/14/2013	PH131	3.4		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/14/2013	PH131	3.4		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8270D SIM	12/14/2013	PH131	2		1185-01-8	PHENANTHRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8270D SIM	12/14/2013	PH131	2		1185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8270D SIM	12/14/2013	PH131	2		1186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8270D SIM	12/14/2013	PH131	2		1190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8270D SIM	12/14/2013	PH131	2		1191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8270D SIM	12/14/2013	PH131	2		1191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	9045M	11/20/2013	PH131	2		11pH	PH	6.68		0.0100	0.0100	pH unit				1786090	267710.9	-118.70863
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	160.3M	12/6/2013	PH134	2.5		11MOIST	MOISTURE	2.5		0.10	0.10	%				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		111746-01-6	2,3,7,8-TCDD	0.262	J	0.0733	1.02	ng/kg	J	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.12	J	0.0583	5.11	ng/kg	JB	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		113268-87-9	OCDD	29900	J	0.272	10.2	ng/kg	BE	J	FD, *	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	547	J	0.240	5.11	ng/kg	B	J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1139001-02-0	OCDF	245	J	0.0825	10.2	ng/kg	B	J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.75	J	0.0586	5.11	ng/kg	JB	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	1.02	J	0.0661	5.11	ng/kg	JB	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.231	J	0.0872	1.02	ng/kg	J	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1155673-89-7	1,2,3,4,7,8,9-HPCDF	13.1	J	0.0639	5.11	ng/kg	B	J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1157117-31-4	2,3,4,7,8-PECDF	5.11	U	0.0400	5.11	ng/kg	JBQ	U	B	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.11	U	0.0402	5.11	ng/kg	JB	U	B	1786218	267870	-118.7082
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0817	J	0.0562	0.985	ng/kg	JQ	J	FD, Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1155673-89-7	1,2,3,4,7,8,9-HPCDF	4.92	UJ	0.0571	4.92	ng/kg	JB	UJ	B, FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1157117-31-4	2,3,4,7,8-PECDF	4.92	U	0.0286	4.92	ng/kg	JBQ	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.52	J	0.0290	4.92	ng/kg	JB	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1157117-44-9	1,2,3,6,7,8-HXCDF	4.92	U	0.0307	4.92	ng/kg	JBQ	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.404	J	0.0503	4.92	ng/kg	JQ	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1160851-34-5	2,3,4,6,7,8-HXCDF	4.92	UJ	0.0317	4.92	ng/kg	JBQ	UJ	B, FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1167562-39-4	1,2,3,4,6,7,8-HPCDF	1.25	J	0.0386	4.92	ng/kg	JB	J	FD, Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1170648-26-9	1,2,3,4,7,8-HXCDF	4.92	U	0.0359	4.92	ng/kg	JBQ	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1172918-21-9	1,2,3,7,8,9-HXCDF	4.92	U	0.0366	4.92	ng/kg	JB	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		11TCDD TEQ	TCDD TEQ	0.212		0	0	ng/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117429-90-5	ALUMINUM (FUME OR DUST)	19900		7.46	41.4	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117439-89-6	IRON	26800	J	3.74	41.4	mg/kg	J		A	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117439-92-1	LEAD	7.63		0.517	3.10	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117439-93-2	LITHIUM	30.3		0.35	4.1	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117439-95-4	MAGNESIUM	5770		1.73	10.3	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117439-96-5	MANGANESE	337		0.0858	1.03	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117439-98-7	MOLYBDENUM	2.07	U	0.176	2.07	mg/kg	J	U	F	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117440-02-0	NICKEL	14.4		0.134	2.07	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8082A	11/22/2013	PH128	3.3		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8082A	11/22/2013	PH128	3.3		153469-21-9	Aroclor 1242	18	U	4.2	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8082A	11/22/2013	PH128	3.3		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1120-12-7	ANTHRACENE	0.42	J	0.34	1.7	ug/kg	J	J	FD, Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1129-00-0	PYRENE	3.9	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1191-24-2	BENZO(G,H,I)PERYLENE	4.5	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1192-97-2	Benzo(e)pyrene	7.1	J	3.4	17	ug/kg	J	J	FD, Q, Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1193-39-5	INDENO(1,2,3-CD)PYRENE	5.4	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1205-99-2	BENZO(B)FLUORANTHENE	11	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1206-44-0	FLUORANTHENE	4.4	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1207-08-9	BENZO(K)FLUORANTHENE	3.6	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1218-01-9	Chrysene	6.1	J	0.34	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		150-32-8	BENZO(A)PYRENE	6.2	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		153-70-3	DIBENZO(A,H)ANTHRACENE	1.5	J	0.68	1.7	ug/kg	J	J	FD, Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		156-55-3	BENZO(A)ANTHRACENE	4.1	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		185-01-8	PHENANTHRENE	1.6	J	0.68	1.7	ug/kg	J	J	FD, Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	9045M	11/14/2013	PH128	3.3		pH	PH	8.18		0.0100	0.0100	pH unit				1785651	267151.3	-118.71006
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	160.3M	11/19/2013	PH128	2.9		1MOIST	MOISTURE	2.9		0.10	0.10	%				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		11746-01-6	2,3,7,8-TCDD	0.0629	J	0.0568	1.03	ng/kg	JQ	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.449	J	0.0428	5.13	ng/kg	JB	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		13268-87-9	OCDD	24.6		0.0443	10.3	ng/kg	B			1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.67	J	0.0437	5.13	ng/kg	JB	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		139001-02-0	OCDF	0.944	J	0.0535	10.3	ng/kg	JBQ	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0459	J	0.0438	5.13	ng/kg	JQ	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.13	U	0.0528	5.13	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0996	J	0.0608	1.03	ng/kg	JQ	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.13	U	0.0301	5.13	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		157117-31-4	2,3,4,7,8-PECDF	5.13	U	0.0311	5.13	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.13	U	0.0291	5.13	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		157117-44-9	1,2,3,6,7,8-HXCDF	5.13	U	0.0306	5.13	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.318	J	0.0474	5.13	ng/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		160851-34-5	2,3,4,6,7,8-HXCDF	5.13	U	0.0312	5.13	ng/kg	JBQ	U	B			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	9045M	11/14/2013	PH128	4.2		1pH	PH	5.87		0.0100	0.0100	pH unit				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	160.3M	11/19/2013	PH128	4.1		1MOIST	MOISTURE	4.1		0.10	0.10	%				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		11746-01-6	2,3,7,8-TCDD	1.02	U	0.0441	1.02	ng/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.11	U	0.0216	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		13268-87-9	OCDD	10.2	U	0.0504	10.2	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.11	U	0.0338	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		139001-02-0	OCDF	10.2	U	0.0460	10.2	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.11	U	0.0235	5.11	ng/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.11	U	0.0462	5.11	ng/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0432	1.02	ng/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.11	U	0.0222	5.11	ng/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		157117-31-4	2,3,4,7,8-PECDF	5.11	U	0.0208	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.11	U	0.0211	5.11	ng/kg	JB	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		157117-44-9	1,2,3,6,7,8-HXCDF	5.11	U	0.0168	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0347	J	0.0245	5.11	ng/kg	JQ	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		160851-34-5	2,3,4,6,7,8-HXCDF	5.11	U	0.0181	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.11	U	0.0152	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		170648-26-9	1,2,3,4,7,8-HXCDF	5.11	U	0.0189	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		172918-21-9	1,2,3,7,8,9-HXCDF	5.11	U	0.0187	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		1TCDD TEQ	TCDD TEQ	0.00136		0	0	ng/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17429-90-5	ALUMINUM (FUME OR DUST)	14400		7.37	40.9	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17439-89-6	IRON	21600	J	3.70	40.9	mg/kg		J	A	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17439-92-1	LEAD	5.78		0.511	3.07	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17439-93-2	LITHIUM	24		0.35	4.1	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17439-95-4	MAGNESIUM	4220		1.71	10.2	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17439-96-5	MANGANESE	158		0.0849	1.02	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17439-98-7	MOLYBDENUM	2.04	U	0.174	2.04	mg/kg	J	U	F	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-02-0	NICKEL	9.16		0.133	2.04	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-09-7	POTASSIUM	1530		8.53	102	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-23-5	SODIUM	308		17.1	102	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-32-6	TITANIUM METAL POWDER	993		0.174	1.02	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-36-0	ANTIMONY	4.09	UJ	0.757	4.09	mg/kg	U	UJ	Q	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-38-2	ARSENIC	5.47		0.716	4.09	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-39-3	BARIUM	76.2		0.0337	1.02	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-41-7	BERYLLIUM	0.541	J	0.0685	1.02	mg/kg	J	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-42-8	BORON	1.53	J	0.859	10.2	mg/kg	J	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-43-9	CADMIUM	1.02	U	0.0777	1.02	mg/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-47-3	CHROMIUM	17.7		0.164	3.07	mg/kg				1785834</		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		1192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	9045M	11/14/2013	PH128	4.1		1pH	PH	7.55		0.0100	0.0100	pH unit				1785834	267057.2	-118.70946
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	160.3M	11/19/2013	PH128	2.7		1MOIST	MOISTURE	2.7		0.10	0.10	%				1785849	267135.5	-118.70941
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	9045M	11/21/2013	PH132	9.6		1pH	PH	6.87		0.0100	0.0100	pH unit				1785346	267516.2	-118.71108
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	160.3M	11/28/2013	PH132	5.1		1MOIST	MOISTURE	5.1		0.10	0.10	%				1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		11746-01-6	2,3,7,8-TCDD	1.05	U	0.0687	1.05	ng/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.559	J	0.0372	5.26	ng/kg	JB	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		13268-87-9	OCDD	243		0.0311	10.5	ng/kg	B			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	16.6		0.0484	5.26	ng/kg	B			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		139001-02-0	OCDF	4.44	J	0.0242	10.5	ng/kg	JB	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.26	U	0.0392	5.26	ng/kg	JB	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.26	U	0.0440	5.26	ng/kg	JB	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.05	U	0.0593	1.05	ng/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.256	J	0.0166	5.26	ng/kg	JBQ	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		157117-31-4	2,3,4,7,8-PECDF	5.26	U	0.0279	5.26	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.26	U	0.0300	5.26	ng/kg	JB	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		157117-44-9	1,2,3,6,7,8-HXCDF	5.26	U	0.0294	5.26	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.68	J	0.0420	5.26	ng/kg	JBQ	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		160851-34-5	2,3,4,6,7,8-HXCDF	5.26	U	0.0274	5.26	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		167562-39-4	1,2,3,4,6,7,8-HPCDF	2.26	J	0.0149	5.26	ng/kg	JB	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		170648-26-9	1,2,3,4,7,8-HXCDF	5.26	U	0.0300	5.26	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		172918-21-9	1,2,3,7,8,9-HXCDF	5.26	U	0.0282	5.26	ng/kg	JB	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		1TCDD TEQ	TCDD TEQ	0.554		0	0	ng/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	6010C	12/3/2013	PH132	5.1		17429-90-5	ALUMINUM (FUME OR DUST)	12900		7.45	41.3	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	6010C	12/3/2013	PH132	5.1		17439-89-6	IRON	18400		3.74	41.3	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	6010C	12/3/2013	PH132	5.1		17439-92-1	LEAD	6.62		0.517	3.10	mg/kg			</			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1		111100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1		111104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1		111126-42-4	Aroclor 5460	35	U	11	35	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1		111141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1		112642-23-8	Aroclor 5144	35	U	11	35	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1		112672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1		112674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1		137324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1		153469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1		163496-31-1	Aroclor 5432	35	U	11	35	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		1117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		1120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		1129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		1131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		1191-24-2	BENZO(G,H,I)PERYLENE	0.99	J	0.70	1.8	ug/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		1205-99-2	BENZO(B)FLUORANTHENE	2.6		0.70	1.8	ug/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		1206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		1208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2	10	218-01-9	Chrysene	25		3.4	17	ug/kg				1786829	267467.5	-118.70617
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		150-32-8	BENZO(A)PYRENE	0.8	J	0.70	1.8	ug/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	0.72	J	0.70	1.8	ug/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		183-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		184-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		184-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		185-01-8	PHENANTHRENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		186-73-7	FLUORENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		191-20-3	NAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	9045M	11/21/2013	PH132	5.1		pH	PH	6.32		0.0100	0.0100	pH unit				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	160.3M	11/28/2013	PH132	8	1	MOIST	MOISTURE	8		0.10	0.10	%				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		11746-01-6	2,3,7,8-TCDD	1.08	U	0.0803	1.08	ng/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.4	U	0.0298	5.40	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		13268-87-9	OCDD	5.02	J	0.0257	10.8	ng/kg	JB	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.675	J	0.0413	5.40	ng/kg	JBQ	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		139001-02-0	OCDF	10.8	U	0.0438	10.8	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.4	U	0.0311	5.40	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.4	U	0.0437	5.40	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		111104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		111141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		112672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		112674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		137324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		1120-36-5	DICHLORPROP	17	U	9.1	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		11918-00-9	DICAMBA	12	U	4.0	12	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		175-99-0	2,2-DICHLOROPROPIONIC ACID	180	U	180	180	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		188-85-7	DINITROBUTYL PHENOL	24	U	9.1	24	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		193-65-2	MCPP	2500	U	760	2500	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		193-72-1	2,4,5-TP (Silvex)	1.7	U	0.76	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		193-76-5	2,4,5-T	1.7	U	0.83	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		194-74-6	MCPA (2-METHYL-4-CHLOROPHENOXYACETIC ACID)	2500	U	770	2500	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		194-75-7	2,4-D	36	U	12	36	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		194-82-6	2,4-DB	17	U	6.3	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1129-00-0	PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1191-24-2	BENZO(C,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10218-01-9	Chrysene	10	J	3.4	17	ug/kg	J	J	Z	1786877	267461.2	-118.70602
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		185-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	9045M	11/24/2013	PH133	2.4		1pH												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-42-8	BORON	1.74	J	0.851	10.1	mg/kg	J	J	Z	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-43-9	CADMIUM	1.01	U	0.0770	1.01	mg/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-47-3	CHROMIUM	21.8		0.162	3.04	mg/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-48-4	COBALT	4.88		0.100	1.01	mg/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-50-8	COPPER	18.8		0.294	2.03	mg/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-62-2	VANADIUM (FUME OR DUST)	44.9		0.132	1.01	mg/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-66-6	ZINC	62.6	J	0.203	4.05	mg/kg		J	Q	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-67-7	ZIRCONIUM	3.98	J	0.851	5.06	mg/kg	J	J	Z	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-70-2	CALCIUM METAL	6570		3.38	20.3	mg/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7723-14-0	PHOSPHORUS	687		2.93	10.1	mg/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6020A	12/10/2013	PH136	3.2		2	7782-49-2	SELENIUM	0.308	J	0.101	0.405	mg/kg	J	J	Z	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6020A	12/10/2013	PH136	3.2		2	7440-22-4	SILVER	0.203	U	0.0263	0.203	mg/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6020A	12/10/2013	PH136	3.2		2	7440-24-6	STRONTIUM	44.3		0.0689	0.405	mg/kg				1785801	267429.2	-118.70958
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-36-0	ANTIMONY	4.29	UJ	0.793	4.29	mg/kg	U	UJ	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-38-2	ARSENIC	4.15	J	0.750	4.29	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-39-3	BARIUM	81.4		0.0354	1.07	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-41-7	BERYLLIUM	0.549	J	0.0718	1.07	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-42-8	BORON	2.39	J	0.900	10.7	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-43-9	CADMIUM	1.07	U	0.0815	1.07	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-47-3	CHROMIUM	14.3		0.172	3.22	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-48-4	COBALT	4.4		0.106	1.07	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-50-8	COPPER	6.59		0.311	2.14	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-62-2	VANADIUM (FUME OR DUST)	30.2		0.139	1.07	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-66-6	ZINC	49.3		0.214	4.29	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-67-7	ZIRCONIUM	2.81	J	0.900	5.36	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-70-2	CALCIUM METAL	2810	J	3.58	21.4	mg/kg		J	E	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7723-14-0	PHOSPHORUS	266	J	3.10	10.7	mg/kg		J	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6020A	11/27/2013	PH129	10.3		2	7440-22-4	SILVER	0.0281	J	0.0279	0.214	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6020A	11/27/2013	PH129	10.3		2	7440-24-6	STRONTIUM	18.9		0.0729	0.429	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6020A	11/27/2013	PH129	10.3		2	7440-28-0	THALLIUM	0.256		0.0322	0.214	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6020A	11/27/2013	PH129	10.3		2	7782-49-2	SELENIUM	0.138	J	0.107	0.429	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	7199	11/26/2013	PH129	10.3		1	18540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	0.41	J	0.15	0.44	mg/kg	J	J	E, Q, Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	7471B	11/26/2013	PH129	10.3		1	7439-97-6	MERCURY	0.0125	J	0.0109	0.0181	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8015M	11/23/2013	PH129	10.3		1	PHCC12C14	EFH (C12-C14)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8015M	11/23/2013	PH129	10.3		1	PHCC15C20	EFH (C15-C20)	4.6	J	2.2	5.6	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8015M	11/23/2013	PH129	10.3		1	PHCC21C30	EFH (C21-C30)	14		2.2	5.6	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8015M	11/23/2013	PH129	10.3		1	PHCC30C40	EFH (C30-C40)	22		4.5	11	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8015M	11/23/2013	PH129	10.3		1	PHCC8C11	EFH (C8-C11)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8015M	11/21/2013	PH129	10.3	22.64	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8082A	11/26/2013	PH129	10.3		1	11096-82-5	Aroclor 1260	19	U	4.3	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8082A	11/26/2013	PH129	10.3		1	11097-69-1	Aroclor 1254	19	U	4.8	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8082A	11/26/2013	PH129	10.3		1	11100-14-4	Aroclor 1268	19	U	3.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8082A	11/26/2013	PH129	10.3		1	11104-28-2	Aroclor 1221	19	U	5.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8082A	11/26/2013	PH129	10.3		1	11126-42-4	Aroclor 5460	36	U	11	36	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8082A	11/26/2013	PH129	10.3		1	11141-16-5												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		11746-01-6	2,3,7,8-TCDD	1	U	0.0951	1.00	ng/kg	U			1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.324	J	0.0425	5.00	ng/kg	JBQ	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		13268-87-9	OCDD	49.8		0.0638	10.0	ng/kg	B			1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.12	J	0.0706	5.00	ng/kg	JB	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		139001-02-0	OCDF	2.21	J	0.0765	10.0	ng/kg	JBQ	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5	U	0.0482	5.00	ng/kg	U			1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5	U	0.0593	5.00	ng/kg	U			1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1	U	0.103	1.00	ng/kg	U			1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	5	U	0.0436	5.00	ng/kg	JBQ	U	B	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		157117-31-4	2,3,4,7,8-PECDF	5	U	0.0447	5.00	ng/kg	JBQ	U	B	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5	U	0.0458	5.00	ng/kg	JBQ	U	B	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		157117-44-9	1,2,3,6,7,8-HXCDF	5	U	0.0574	5.00	ng/kg	U			1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.184	J	0.0485	5.00	ng/kg	JQ	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		160851-34-5	2,3,4,6,7,8-HXCDF	5	U	0.0512	5.00	ng/kg	JB	U	B	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.894	J	0.0299	5.00	ng/kg	JB	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		170648-26-9	1,2,3,4,7,8-HXCDF	0.115	J	0.0614	5.00	ng/kg	JQ	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		172918-21-9	1,2,3,7,8,9-HXCDF	5	U	0.0463	5.00	ng/kg	JBQ	U	B	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		1TCDD TEQ	TCDD TEQ	0.0712		0	0	ng/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17429-90-5	ALUMINUM (FUME OR DUST)	14200		7.31	40.6	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17439-89-6	IRON	18400		3.67	40.6	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17439-92-1	LEAD	7.69		0.507	3.04	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17439-93-2	LITHIUM	18.6		0.34	4.1	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17439-95-4	MAGNESIUM	3800		1.69	10.1	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17439-96-5	MANGANESE	274		0.0842	1.01	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17439-98-7	MOLYBDENUM	2.03	U	0.172	2.03	mg/kg	J	U	F	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-02-0	NICKEL	10.1		0.132	2.03	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-09-7	POTASSIUM	3440	J	8.46	101	mg/kg		J	Q	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-23-5	SODIUM	137		16.9	101	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-32-6	TITANIUM METAL POWDER	1080		0.172	1.01	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-36-0	ANTIMONY	4.06	UJ	0.751	4.06	mg/kg	U		UJ	Q	1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-38-2	ARSENIC	3.06	J	0.710	4.06	mg/kg	J	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-39-3	BARIUM	105		0.0335	1.01	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-41-7	BERYLLIUM	0.509	J	0.0680	1.01	mg/kg	J	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-42-8	BORON	2.11	J	0.852	10.1	mg/kg	J	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-43-9	CADMIUM	0.166	J	0.0771	1.01	mg/kg	J	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-47-3	CHROMIUM	17.2		0.162	3.04	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-48-4	COBALT	4.24		0.100	1.01	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-50-8	COPPER	12.1		0.294	2.03	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-62-2	VANADIUM (FUME OR DUST)	31.6		0.132	1.01	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-66-6	ZINC	199		0.203	4.06	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-67-7	ZIRCONIUM	3.62	J	0.852	5.07	mg/kg	J	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-70-2	CALCIUM METAL	13700		3.39	20.3	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17723-14-0	PHOSPHORUS	367	J	2.93	10.1	mg/kg		J	Q	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6020A	12/2/2013	PH131	2.4		27782-49-2	SELENIUM	0.148	J	0.101	0.406	mg/kg	J	J	Z	17			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		184-66-2	DIETHYL PHTHALATE	18	U	6.2	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		184-74-2	Di-n-butylphthalate	18	U	6.2	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		185-01-8	PHENANTHRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.2	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	9045M	11/21/2013	PH132	3.8		1pH	PH	6.81		0.0100	0.0100	pH unit				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	160.3M	11/28/2013	PH132	5.7		1MOIST	MOISTURE	5.7		0.10	0.10	%				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		11746-01-6	2,3,7,8-TCDD	1.05	U	0.0713	1.05	ng/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.27	U	0.0279	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		13268-87-9	OCDD	1.39	J	0.0248	10.5	ng/kg	JB	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.27	U	0.0288	5.27	ng/kg	JB	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		139001-02-0	OCDF	10.5	U	0.0343	10.5	ng/kg	JB	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.27	U	0.0296	5.27	ng/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.27	U	0.0424	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0694	J	0.0625	1.05	ng/kg	JQ	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.27	U	0.0179	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		157117-31-4	2,3,4,7,8-PECDF	5.27	U	0.0222	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.27	U	0.0245	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		157117-44-9	1,2,3,6,7,8-HXCDF	5.27	U	0.0242	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.27	U	0.0302	5.27	ng/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		160851-34-5	2,3,4,6,7,8-HXCDF	5.27	U	0.0241	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.27	U	0.0153	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		170648-26-9	1,2,3,4,7,8-HXCDF	5.27	U	0.0242	5.27	ng/kg	JB	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		172918-21-9	1,2,3,7,8,9-HXCDF	5.27	U	0.0246	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		1TCDD TEQ	TCDD TEQ	0.0109		0		ng/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17429-90-5	ALUMINIUM (FUME OR DUST)	18200		7.65	42.4	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17439-89-6	IRON	21700		3.84	42.4	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17439-92-1	LEAD	6.71		0.530	3.18	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17439-93-2	LITHIUM	18.4		0.36	4.2	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17439-95-4	MAGNESIUM	4000		1.77	10.6	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17439-96-5	MANGANESE	241		0.0880	1.06	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17439-98-7	MOLYBDENUM	2.12	U	0.180	2.12	mg/kg	J	U	F	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-02-0	NICKEL	8.64		0.138	2.12	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-09-7	POTASSIUM	1570		8.84	106	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-23-5	SODIUM	136		17.7	106	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-31-5	TIN	10.6	U	0.233	10.6	mg/kg	J	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-32-6	TITANIUM METAL POWDER	1130		0.180	1.06	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-36-0	ANTIMONY	4.24	UJ	0.785	4.24	mg/kg	U	UJ	Q	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-38-2	ARSENIC	5.08		0.742	4.24	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-39-3	BARIUM	102		0.0350	1.06	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-41-7	BERYLLIUM	0.725	J	0.0710	1.06	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-42-8	BORON	3.78	J	0.891	10.6	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-7																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8081B	12/3/2013	PH132	5.7		172-55-9	4,4'-DDE	1.8	U	0.35	1.8	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8081B	12/3/2013	PH132	5.7		17421-93-4	ENDRIN ALDEHYDE	1.8	U	0.35	1.8	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8081B	12/3/2013	PH132	5.7		176-44-8	HEPTACHLOR	0.87	U	0.18	0.87	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8081B	12/3/2013	PH132	5.7		18001-35-2	Toxaphene	35	U	15	35	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8081B	12/3/2013	PH132	5.7		1959-98-8	ENDOSULFAN I	0.87	U	0.23	0.87	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		111097-69-1	Aroclor 1254	18	U	4.7	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		111100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		111104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		111126-42-4	Aroclor 5460	35	U	11	35	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		111141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		112642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		112672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		112674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		137324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U			1786122	267614.4	-118.70852
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		153469-21-9	Aroclor 1242	18	U	4.2	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1129-00-0	PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66	10	218-01-9	Chrysene	5.9	J	3.3	17	ug/kg	J	J	Z	1786945	267465.9	-118.70579
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		185-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	9045M	11/27/2013	PH135	3.1		pH	PH	8.81		0.0100	0.0100	pH unit				1786269	267786.4	-118.70804
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	160.3M	12/6/2013	PH135	2		1MOIST	MOISTURE	2		0.1								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-43-9	CADMIUM	0.304	J	0.0760	1.00	mg/kg	J	J	Z	1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-47-3	CHROMIUM	18.1		0.160	3.00	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-48-4	COBALT	5.39		0.0990	1.00	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-50-8	COPPER	9.06		0.290	2.00	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-62-2	VANADIUM (FUME OR DUST)	34.4		0.130	1.00	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-66-6	ZINC	59.6		0.200	4.00	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-67-7	ZIRCONIUM	5	U	0.840	5.00	mg/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-70-2	CALCIUM METAL	2110		3.34	20.0	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17723-14-0	PHOSPHORUS	551		2.89	10.0	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6020A	12/3/2013	PH135	2	2	7440-22-4	SILVER	0.2	U	0.0260	0.200	mg/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6020A	12/3/2013	PH135	2	2	7782-49-2	SELENIUM	0.136	J	0.100	0.400	mg/kg	J	J	Z	1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6020A	12/3/2013	PH135	2	2	7440-24-6	STRONTIUM	13.6	J	0.0680	0.400	mg/kg		J	Q	1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6020A	12/3/2013	PH135	2	2	7440-28-0	THALLIUM	0.278		0.0300	0.200	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	7471B	12/3/2013	PH135	2	1	7439-97-6	MERCURY	0.011	J	0.0097	0.0161	mg/kg	J	J	Z	1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8015M	12/7/2013	PH135	2		1PHCC12C14	EFH (C12-C14)	5	U	2.0	5.0	mg/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8015M	12/7/2013	PH135	2		1PHCC15C20	EFH (C15-C20)	5	U	2.0	5.0	mg/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8015M	12/7/2013	PH135	2		1PHCC21C30	EFH (C21-C30)	2	J	2.0	5.0	mg/kg	J	J	Z	1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8015M	12/7/2013	PH135	2		1PHCC30C40	EFH (C30-C40)	5.3	J	4.0	10	mg/kg	J	J	Z	1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8015M	12/7/2013	PH135	2		1PHCC8C11	EFH (C8-C11)	5	U	2.0	5.0	mg/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		111096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		111097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		111100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		111104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		111141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		112672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		112674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		137324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1129-00-0	PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786952	267402.2	-118.70577
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8082A	12/1/2013	PH131	2.1		137324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8082A	12/1/2013	PH131	2.1		153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8082A	12/1/2013	PH131	2.1		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1129-00-0	PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1205-99-2	BENZO(B)FLUORANTHENE	0.69	J	0.68	1.7	ug/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	8270D SIM	6/23/2013	PH057	1.8		1218-01-9	Chrysene	0.74	J	0.33	1.7	ug/kg	J	J	Z	1786993	267371	-118.70563
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		185-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	9045M	11/20/2013	PH131	2.1		pH	PH	6.5		0.0100	0.0100	pH unit				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	160.3M	11/26/2013	PH131	2.3		1MOIST	MOISTURE	2.3		0.10	0.10	%				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		11746-01-6	2,3,7,8-TCDD	0.999	U	0.115	0.999	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.99	U	0.0719	4.99	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		13268-87-9	OCDD	82.8		0.0485	9.99	ng/kg	B			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	6.49		0.0915	4.99	ng/kg	B			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		139001-02-0	OCDF	4	J	0.0719	9.99	ng/kg	JBQ	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.99	UJ	0.0658	4.99	ng/kg	JBQ	UJ	B, FD	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0932	J	0.0769	4.99	ng/kg	JQ	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.999	U	0.122	0.999	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.99	U	0.0501	4.99	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		157117-31-4	2,3,4,7,8-PECDF	4.99	U	0.0497	4.99	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.99	U	0.0532	4.99	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		157117-44-9	1,2,3,6,7,8-HXCDF	0.177	J	0.0564	4.99	ng/kg	JBQ	J	FD, Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.391	J	0.0656	4.99	ng/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		160851-34-5	2,3,4,6,7,8-HXCDF	4.99	U	0.0596	4.99	ng/kg	JB	U	B	17		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	801SM	11/22/2013	PH128	9.2		1	PHCC8C11	EFH (C8-C11)	5.4	U	2.2	5.4	mg/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	801SM	11/21/2013	PH128	9.2	23.5	GROCS6C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U		1785732	267079.7	-118.7098		
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2		1	11096-82-5	Aroclor 1260	19	U	4.3	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2		1	11097-69-1	Aroclor 1254	19	U	4.8	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2		1	11100-14-4	Aroclor 1268	19	U	3.6	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2		1	11104-28-2	Aroclor 1221	19	U	5.6	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2		1	11126-42-4	Aroclor 5460	36	U	11	36	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2		1	11141-16-5	Aroclor 1232	19	U	4.5	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2		1	12642-23-8	Aroclor 5442	36	U	11	36	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2		1	12672-29-6	Aroclor 1248	19	U	3.6	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2		1	12674-11-2	Aroclor 1016	19	U	3.6	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2		1	37324-23-5	Aroclor 1262	19	U	3.6	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2		1	53469-21-9	Aroclor 1242	19	U	4.5	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2		1	63496-31-1	Aroclor 5432	36	U	11	36	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.6	20	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	117-84-0	Di-n-octylphthalate	20	U	6.6	20	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	120-12-7	ANTHRACENE	1.8	U	0.37	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	129-00-0	PYRENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	192-97-2	Benzo(e)pyrene	19	U	3.7	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	208-96-8	ACENAPHTHYLENE	1.8	U	0.37	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	218-01-9	Chrysene	1.8	U	0.37	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	50-32-8	BENZO(A)PYRENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	83-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	84-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	84-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	85-01-8	PHENANTHRENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	85-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	86-73-7	FLUORENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	91-20-3	NAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2		1	91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	9045M	11/14/2013	PH128	9.2		1	pH	PH	7.45		0.0100	0.0100	pH unit			1785732	267079.7	-118.7098	
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	160.3M	11/19/2013	PH128	4.2		1	MOIST	MOISTURE	4.2		0.10	0.10	%			1785834	267057.2	-118.70946	
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	1613B	11/26/2013	PH128	4.2		1	1746-01-6	2,3,7,8-TCDD	0.0422	J	0.0411	1.03	ng/kg	JQ	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	1613B	11/26/2013	PH128	4.2		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.441	J	0.0287	5.13	ng/kg	JB	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	1613B	11/26/2013	PH128	4.2		1	3268-87-9	OCDD	10.3	U	0.0330	10.3	ng/kg	JB	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	1613B	11/26/2013	PH128	4.2		1	35822-46-9	1,											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6010C	11/24/2013	PH128	4.2		1	7440-62-2	VANADIUM (FUME OR DUST)	34.5		0.130	1.00	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6010C	11/24/2013	PH128	4.2		1	7440-66-6	ZINC	48		0.201	4.01	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6010C	11/24/2013	PH128	4.2		1	7440-67-7	ZIRCONIUM	3.2	J	0.843	5.02	mg/kg	J	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6010C	11/24/2013	PH128	4.2		1	7440-70-2	CALCIUM METAL	1580		3.35	20.1	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6010C	11/24/2013	PH128	4.2		1	7723-14-0	PHOSPHORUS	231		2.90	10.0	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6020A	11/26/2013	PH128	4.2		2	7782-49-2	SELENIUM	0.144	J	0.100	0.401	mg/kg	J	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6020A	11/26/2013	PH128	4.2		2	7440-22-4	SILVER	0.0283	J	0.0261	0.201	mg/kg	J	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6020A	11/26/2013	PH128	4.2		2	7440-24-6	STRONTIUM	19.2	J	0.0683	0.401	mg/kg		J	Q	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6020A	11/26/2013	PH128	4.2		2	7440-28-0	THALLIUM	0.289		0.0301	0.201	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	7471B	11/25/2013	PH128	4.2		1	7439-97-6	MERCURY	0.0171	U	0.0102	0.0171	mg/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8015M	11/22/2013	PH128	4.2		1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8015M	11/22/2013	PH128	4.2		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8015M	11/22/2013	PH128	4.2		1	PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8015M	11/22/2013	PH128	4.2		1	PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8015M	11/22/2013	PH128	4.2		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	11096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	11097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	11100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	11104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	11141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	12672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	12674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	37324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	53469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		1	117-84-0	Di-n-octylphtthalate	19	U	6.2	19	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		1	120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		1	129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1785834	267057.2	-118.70946
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-36-0	ANTIMONY	4.38	UJ	0.810	4.38	mg/kg	U	UJ	Q	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-38-2	ARSENIC	3.22	J	0.767	4.38	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-39-3	BARIUM	81.8		0.0361	1.10	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-41-7	BERYLLIUM	0.422	J	0.0734	1.10	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-42-8	BORON	3.17	J	0.920	11.0	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-43-9	CADMIUM	0.18	J	0.0832	1.10	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-47-3	CHROMIUM	12.1		0.175	3.29	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-48-4	COBALT	3.97		0.108	1.10	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-50-8	COPPER	6.48		0.318	2.19	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-62-2	VANADIUM (FUME OR DUST)	25.5		0.142	1.10	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-66-6	ZINC	56.2		0.219	4.38	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-67-7	ZIRCONIUM	1.1	J	0.920	5.48	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-70-2	CALCIUM METAL	2750		3.66	21.9	mg/kg				1		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	107-13-1	ACRYLONITRILE	23	U	5	23	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	108-05-4	VINYL ACETATE	11	U	2	11	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	108-10-1	4-Methyl-2-Pentanone (MIBK)	11	U	3	11	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	108-20-3	DIISOPROPYL ETHER	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	108-67-8	1,3,5-Trimethylbenzene	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	108-86-1	BROMOBENZENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	108-88-3	TOLUENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	108-90-7	CHLOROBENZENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	110-75-8	2-CHLOROETHYL VINYL ETHER	11	U	2	11	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	120-82-1	1,2,4-TRICHLOROBENZENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	124-48-1	DIBROMOCHLOROMETHANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	127-18-4	TETRACHLOROETHENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	135-98-8	2-PHENYLBUTANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	142-28-9	1,3-DICHLOROPROPANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	156-59-2	CIS-1,2-DICHLOROETHENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	156-60-5	TRANS-1,2-DICHLOROETHENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	1634-04-4	METHYL TERT-BUTYL ETHER	6	U	0.6	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	179601-23-1	M,P-XYLENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	541-73-1	1,3-DICHLOROBENZENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	56-23-5	CARBON TETRACHLORIDE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	563-58-6	1,1-Dichloropropene	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	591-78-6	2-Hexanone	11	U	3	11	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	594-20-7	2,2-DICHLOROPROPANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	630-20-6	1,1,1,2-TETRACHLOROETHANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	637-92-3	tert-Butyl ethyl ether	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	67-64-1	ACETONE	62		8	23	ug/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	67-66-3	CHLOROFORM	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	71-43-2	BENZENE	6	U	0.6	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	71-55-6	1,1,1-TRICHLOROETHANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	74-83-9	BROMOMETHANE	6	U	2	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	74-87-3	CHLOROMETHANE	6	U	2	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	74-88-4	Methyl Iodide	6	U	3	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	74-95-3	DIBROMOMETHANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	74-97-5	Bromochloromethane	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-00-3	CHLOROETHANE	6	U	2	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-01-4	VINYL CHLORIDE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-09-2	METHYLENE CHLORIDE	6	U	2	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-15-0	CARBON DISULFIDE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-25-2	BROMOFORM	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-27-4	BROMODICHLOROMETHANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-34-3	1,1-DICHLOROETHANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-35-4	1,1-DICHLOROETHENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-65-0	TERT-BUTYL ALCOHOL	57	U	23	57	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-69-4	TRICHLOROFLUOROMETHANE	6	U	2	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-71-8	DICHLORODIFLUOROMETHANE	6	U	2	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-88-7	2-Chloro-1,1,1-trifluoroethane	6	U	2	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft																							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		183-32-9	ACENAPHTHENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		184-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		184-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		185-01-8	PHENANTHRENE	1.1	J	0.74	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		186-73-7	FLUORENE	0.75	J	0.74	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		191-20-3	NAPHTHALENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	1613B	12/12/2013	PH133	9.5		1TCDD TEQ	TCDD TEQ	0.0172		0		ng/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17429-90-5	ALUMINUM (FUME OR DUST)	24100		7.81	43.3	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17439-89-6	IRON	27600	J	3.92	43.3	mg/kg		J	Q	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17439-92-1	LEAD	8.56		0.542	3.25	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17439-93-2	LITHIUM	30		0.37	4.3	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17439-95-4	MAGNESIUM	5090		1.81	10.8	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17439-96-5	MANGANESE	283		0.0899	1.08	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17439-98-7	MOLYBDENUM	2.17	U	0.184	2.17	mg/kg	J	U	F	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-02-0	NICKEL	13.7		0.141	2.17	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-09-7	POTASSIUM	1730	J	9.03	108	mg/kg		J	Q	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-23-5	SODIUM	97.5	J	18.1	108	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-31-5	TIN	10.8	U	0.238	10.8	mg/kg	J	U	B	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-32-6	TITANIUM METAL POWDER	1380		0.184	1.08	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-36-0	ANTIMONY	4.33	UJ	0.802	4.33	mg/kg	U	UJ	Q	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-38-2	ARSENIC	7.44		0.758	4.33	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-39-3	BARIUM	114		0.0357	1.08	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-41-7	BERYLLIUM	0.882	J	0.0726	1.08	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-42-8	BORON	4.23	J	0.910	10.8	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-43-9	CADMIUM	1.08	U	0.0823	1.08	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-47-3	CHROMIUM	25		0.173	3.25	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-48-4	COBALT	6.01		0.107	1.08	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-50-8	COPPER	14.6		0.314	2.17	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-62-2	VANADIUM (FUME OR DUST)	49.3		0.141	1.08	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-66-6	ZINC	49.8		0.217	4.33	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-67-7	ZIRCONIUM	3	J	0.910	5.42	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-70-2	CALCIUM METAL	2670		3.62	21.7	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17723-14-0	PHOSPHORUS	177	J	3.13	10.8	mg/kg		J	Q	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6020A	12/9/2013	PH133	9.5		27782-49-2	SELENIUM	0.433	U	0.108	0.433	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6020A	12/9/2013	PH133	9.5		27440-22-4	SILVER	0.0405	J	0.0282	0.217	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6020A	12/9/2013	PH133	9.5		27440-24-6	STRONTIUM	27.5		0.0737	0.433	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6020A	12/9/2013	PH133	9.5		27440-28-0	THALLIUM	0.259		0.0325	0.217	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	7471B	12/7/2013	PH133	9.5		17439-97-6	MERCURY	0.0112	J	0.0110	0.0183	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8015M	12/4/2013	PH133	9.5		1PHCC12C14	EFH (C12-C14)	5.5	U	2.2	5.5	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8015M	12/4/2013	PH133	9.5		1PHCC15C20	EFH (C15-C20)	5.5	U	2.2	5.5	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8015M	12/4/2013	PH133	9.5		1PHCC21C30	EFH (C21-C30)	5.5	U	2.2	5.5	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4																									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8270D SIM	12/14/2013	PH133	9.5		185-01-8	PHENANTHRENE	1.8	U	0.74	1.8	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8270D SIM	12/14/2013	PH133	9.5		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8270D SIM	12/14/2013	PH133	9.5		186-73-7	FLUORENE	1.8	U	0.74	1.8	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8270D SIM	12/14/2013	PH133	9.5		190-12-0	1-METHYLNAPHTHALENE	1.1	J	0.74	1.8	ug/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8270D SIM	12/14/2013	PH133	9.5		191-20-3	NAPHTHALENE	2		0.74	1.8	ug/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8270D SIM	12/14/2013	PH133	9.5		191-57-6	2-METHYLNAPHTHALENE	2.4		0.74	1.8	ug/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	9045M	11/24/2013	PH133	9.5		pH	PH	7.15		0.0100	0.0100	pH unit				1785955	267194.2	-118.70906
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	160.3M	12/5/2013	PH133	2.4		1MOIST	MOISTURE	2.4		0.10	0.10	%				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		11746-01-6	2,3,7,8-TCDD	0.0856	J	0.0552	1.02	ng/kg	JQ	J	Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.364	J	0.0447	5.08	ng/kg	J	J	Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		13268-87-9	OCDD	61.6	J	0.0476	10.2	ng/kg	B	J	FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.89	J	0.0438	5.08	ng/kg	B	J	FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		139001-02-0	OCDF	5.97	J	0.0583	10.2	ng/kg	JB	J	FD, Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.116	J	0.0466	5.08	ng/kg	J	J	FD, Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.08	UJ	0.0422	5.08	ng/kg	JBQ	UJ	B, FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	UJ	0.0561	1.02	ng/kg	U	UJ	FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.08	U	0.0288	5.08	ng/kg	JBQ	U	B	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		157117-31-4	2,3,4,7,8-PECDF	5.08	UJ	0.0295	5.08	ng/kg	JBQ	UJ	B, FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.08	UJ	0.0308	5.08	ng/kg	JB	UJ	B, FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		157117-44-9	1,2,3,6,7,8-HXCDF	0.138	J	0.0340	5.08	ng/kg	JQ	J	FD, Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.317	J	0.0491	5.08	ng/kg	JBQ	J	Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		160851-34-5	2,3,4,6,7,8-HXCDF	0.155	J	0.0358	5.08	ng/kg	JQ	J	FD, Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	1.32	J	0.0232	5.08	ng/kg	JB	J	FD, Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		170648-26-9	1,2,3,4,7,8-HXCDF	5.08	UJ	0.0362	5.08	ng/kg	JBQ	UJ	B, FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		172918-21-9	1,2,3,7,8,9-HXCDF	0.208	J	0.0409	5.08	ng/kg	J	J	FD, Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		1TCDD TEQ	TCDD TEQ	0.168		0	0	ng/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17429-90-5	ALUMINUM (FUME OR DUST)	16800		7.31	40.6	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17439-89-6	IRON	22100	J	3.67	40.6	mg/kg		J	Q	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17439-92-1	LEAD	5.87		0.507	3.04	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17439-93-2	LITHIUM	23.4		0.34	4.1	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17439-95-4	MAGNESIUM	4710		1.69	10.1	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17439-96-5	MANGANESE	316		0.0842	1.01	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17439-98-7	MOLYBDENUM	2.03	UJ	0.172	2.03	mg/kg	J	UJ	F, FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-02-0	NICKEL	12.3		0.132	2.03	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-09-7	POTASSIUM	3410	J	8.46	101	mg/kg		J	Q	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-23-5	SODIUM	124		16.9	101	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-32-6	TITANIUM METAL POWDER	1260		0.172	1.01	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-36-0	ANTIMONY	4.06	UJ	0.751	4.06	mg/kg	U	UJ	Q	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-38-2	ARSENIC	4.79		0.710	4.06	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-39-3	BARIUM	98.9		0.0335	1.01	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-41-7	BERYLLIUM	0.591	J	0.0680	1.01	mg/kg	J	J	Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-42-8	BORON	4.7	J	0.852	10.1	mg/kg	J	J	Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-43-9	CADMIUM	1.01	U	0.0771	1.01	mg/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-47-3												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	67-66-3	CHLOROFORM	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	71-43-2	BENZENE	5	U	0.5	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	71-55-6	1,1,1-TRICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	74-83-9	BROMOMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	74-87-3	CHLOROMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	74-88-4	Methyl Iodide	5	U	3	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	74-95-3	DIBROMOMETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	74-97-5	Bromochloromethane	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-00-3	CHLOROETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-01-4	VINYL CHLORIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-09-2	METHYLENE CHLORIDE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-15-0	CARBON DISULFIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-25-2	BROMOFORM	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-27-4	BROMODICHLOROMETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-34-3	1,1-DICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-35-4	1,1-DICHLOROETHENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-65-0	TERT-BUTYL ALCOHOL	53	U	21	53	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-69-4	TRICHLOROFLUOROMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-71-8	DICHLORODIFLUOROMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-88-7	2-Chloro-1,1,1-trifluoroethane	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	78-87-5	1,2-DICHLOROPROPANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	78-93-3	2-Butanone (MEK)	11	U	4	11	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	79-00-5	1,1,2-TRICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	79-01-6	TRICHLOROETHENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	79-34-5	1,1,2,2-TETRACHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	79-38-9	Chlorotrifluoroethylene	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	87-61-6	1,2,3-TRICHLOROBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	87-68-3	HEXACHLORO-1,3-BUTADIENE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	95-47-6	O-XYLENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	95-49-8	2-CHLOROTOLUENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	95-50-1	1,2-DICHLOROBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	95-63-6	1,2,4-TRIMETHYLBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	96-12-8	1,2-Dibromo-3-Chloropropane	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	96-18-4	1,2,3-Trichloropropane	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	98-06-6	TERT-BUTYLBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	98-82-8	Isopropylbenzene	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	99-87-6	CYMENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	994-05-8	Tert-Amyl-Methyl-Ether	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B SIM	11/25/2013	PH129	10	25.2	123-91-1	1,4-DIOXANE	17	U	5.6	17	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8270D SIM	11/26/2013	PH129	10		1110-91-8	MORPHOLINE	22	U	22	22	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8270D SIM	11/26/2013	PH129	10		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	UJ	6.6	20	ug/kg	U	UJ	L	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8270D SIM	11/26/2013	PH129	10		1117-84-0	Di-n-octylphthalate	20	UJ	6.6	20	ug/kg	U	UJ	L	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8270D SIM	11/26/2013	PH129	10		1120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8270D SIM	11/26/2013	PH129	10		1129-00-0	PYRENE	1.7	J	0.73	1.8	ug/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8270D SIM	11/26/2013	PH129	10		1131-11-3	DIMETHYL PHTHALATE											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	1613B	11/27/2013	PH129	10.3	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.37	U	0.0435	5.37	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	1613B	11/27/2013	PH129	10.3	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.37	U	0.0589	5.37	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	1613B	11/27/2013	PH129	10.3	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.37	U	0.0424	5.37	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	1613B	11/27/2013	PH129	10.3	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.385	J	0.0311	5.37	ng/kg	JBQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	1613B	11/27/2013	PH129	10.3	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.37	U	0.0441	5.37	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	1613B	11/27/2013	PH129	10.3	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.37	U	0.0446	5.37	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	1613B	11/27/2013	PH129	10.3	1	TCDD TEQ	TCDD TEQ	0.0506		0	0	ng/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7429-90-5	ALUMINUM (FUME OR DUST)	14800	J	7.73	42.9	mg/kg		J	E	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7439-89-6	IRON	18800		3.88	42.9	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7439-92-1	LEAD	5.55		0.536	3.22	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7439-93-2	LITHIUM	24.3		0.36	4.3	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7439-95-4	MAGNESIUM	3990		1.79	10.7	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7439-96-5	MANGANESE	253		0.0890	1.07	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7439-98-7	MOLYBDENUM	2.14	U	0.182	2.14	mg/kg	J	U	F	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7440-02-0	NICKEL	7.91		0.139	2.14	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7440-09-7	POTASSIUM	2700	J	8.94	107	mg/kg		J	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7440-23-5	SODIUM	141		17.9	107	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7440-31-5	TIN	10.7	U	0.236	10.7	mg/kg	J	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7440-32-6	TITANIUM METAL POWDER	1070		0.182	1.07	mg/kg				1785404	267503.8	-118.71089
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8015M	11/22/2013	PH128	4.3	1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8015M	11/20/2013	PH128	4.3	26.26	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	11096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	11097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	11100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	11104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	11141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	12672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	12674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	37324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	53469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	117-84-0	Di-n-octylphtalate	19	U	6.2	19	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	120-12-7	ANTHRACENE	1.7	UJ	0.34	1.7	ug/kg	U	UJ	FD	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	129-00-0	PYRENE	0.9	J	0.69	1.7	ug/kg	J	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	191-24-2	BENZO(G,H,I)PERYLENE	1.1	J	0.69	1.7	ug/kg	J	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	192-97-2	Benzo(e)pyrene	18	UJ	3.4	18	ug/kg	U	UJ	FD	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.1	J	0.69	1.7	ug/kg	J	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	205-99-2	BENZO(B)FLUORANTHENE	2.8	J	0.69	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	206-44-0	FLUORANTHENE	1.1	J	0.69	1.7	ug/kg	J	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4																								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17439-92-1	LEAD	7.05	J	0.515	3.09	mg/kg		J	FD	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17439-93-2	LITHIUM	19.9		0.35	4.1	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17439-95-4	MAGNESIUM	3950		1.72	10.3	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17439-96-5	MANGANESE	311		0.0854	1.03	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17439-98-7	MOLYBDENUM	2.06	UJ	0.175	2.06	mg/kg	J	UJ	F, FD	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-02-0	NICKEL	8.91		0.134	2.06	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-09-7	POTASSIUM	2750		8.58	103	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-23-5	SODIUM	71.2	J	17.2	103	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-31-5	TIN	10.3	U	0.226	10.3	mg/kg	J	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-32-6	TITANIUM METAL POWDER	1110		0.175	1.03	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-36-0	ANTIMONY	4.12	UJ	0.762	4.12	mg/kg	U	UJ	Q	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-38-2	ARSENIC	4.91		0.720	4.12	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-39-3	BARIUM	99.4		0.0340	1.03	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-41-7	BERYLLIUM	0.634	J	0.0690	1.03	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-42-8	BORON	4.43	J	0.865	10.3	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-43-9	CADMIUM	0.308	J	0.0782	1.03	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-47-3	CHROMIUM	19.2		0.165	3.09	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-48-4	COBALT	5.65		0.102	1.03	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-50-8	COPPER	8.45		0.298	2.06	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-62-2	VANADIUM (FUME OR DUST)	36.5		0.134	1.03	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-66-6	ZINC	51.6		0.206	4.12	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-67-7	ZIRCONIUM	1.98	J	0.865	5.15	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-70-2	CALCIUM METAL	1910		3.44	20.6	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17723-14-0	PHOSPHORUS	229		2.97	10.3	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6020A	12/3/2013	PH132	3.8		27440-24-6	STRONTIUM	18.6	J	0.0700	0.412	mg/kg		J	Q	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6020A	12/3/2013	PH132	3.8		27440-28-0	THALLIUM	0.28		0.0309	0.206	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6020A	12/3/2013	PH132	3.8		27440-22-4	SILVER	0.104	J	0.0268	0.206	mg/kg	J	J	FD, Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6020A	12/3/2013	PH132	3.8		27782-49-2	SELENIUM	0.412	UJ	0.103	0.412	mg/kg	U	UJ	FD	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	7471B	12/3/2013	PH132	3.8		17439-97-6	MERCURY	0.0113	J	0.0097	0.0162	mg/kg	J	J	FD, Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8015M	12/3/2013	PH132	3.8		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8015M	12/3/2013	PH132	3.8		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8015M	12/3/2013	PH132	3.8		1PHCC21C30	EFH (C21-C30)	3.3	J	2.1	5.2	mg/kg	J	J	Q, Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8015M	12/3/2013	PH132	3.8		1PHCC30C40	EFH (C30-C40)	9	J	4.2	10	mg/kg	J	J	Q, Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8015M	12/3/2013	PH132	3.8		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		11024-57-3	HEPTACHLOR EPOXIDE	0.86	U	0.18	0.86	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		11031-07-8	ENDOSULFAN SULFATE	1.8	UJ	0.34	1.8	ug/kg	U	UJ	FD	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		12385-85-5	MIREX	1.8	U	0.36	1.8	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		1309-00-2	ALDRIN	0.86	U	0.18	0.86	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		1319-84-6	ALPHA-BHC	0.86	U	0.18	0.86	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		1319-85-7	BETA-BHC	2	U	0.99	2.0	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		1319-86-8	DELTA-BHC	0.86	U	0.47	0.86	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		133213-65-9	ENDOSULFAN II	1.8	U	0.34	1.8	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		150-29-3	4,4'-DDT	11	J	0.36	1.8	ug/kg		J	FD, Q	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		153494-70-5	ENDRIN KETONE	1.9	U	0.62	1.9	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		157-74-9	CHLORDANE	18	U	4.1	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		158-89-9	gamma-BHC (Lindane)	0.86	U	0.18								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8082A	12/9/2013	PH135	3.2		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8082A	12/9/2013	PH135	3.2		112672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8082A	12/9/2013	PH135	3.2		112674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8082A	12/9/2013	PH135	3.2		1137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8082A	12/9/2013	PH135	3.2		1153469-21-9	Aroclor 1242	18	U	4.2	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8082A	12/9/2013	PH135	3.2		1163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1129-00-0	PYRENE	0.74	J	0.68	1.7	ug/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1206-44-0	FLUORANTHENE	0.82	J	0.68	1.7	ug/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	8270D SIM	6/18/2013	PH050	2.8		1218-01-9	Chrysene	1.7	UJ	0.34	1.7	ug/kg	U	UJ	FD	1787118	267439.2	-118.70522
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		185-01-8	PHENANTHRENE	1.2	J	0.68	1.7	ug/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		191-20-3	NAPHTHALENE	0.85	J	0.68	1.7	ug/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	9045M	11/27/2013	PH135	3.2		1pH	PH	10.3		0.0100	0.0100	pH unit				1786254	267824.5	-118.70809
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	160.3M	12/6/2013	PH135	3.1		1MOIST	MOISTURE	3.1		0.10	0.10	%				1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		11746-01-6	2,3,7,8-TCDD	1.01	U	0.0620	1.01	ng/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.03	U	0.0189	5.03	ng/kg	JB	U	B	1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		13268-87-9	OCDD	1.86	J	0.0179	10.1	ng/kg	JB	J	Z	1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.03	U	0.0258	5.03	ng/kg	JB	U	B	1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		139001-02-0	OCDF	10.1	U	0.0323	10.1	ng/kg	JB	U	B	1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.03	U	0.0195	5.03	ng/kg	JBQ	U	B	1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.03	U	0.0336	5.03	ng/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.01	U	0.0488	1.01	ng/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.03	U	0.0148	5.03	ng/kg	JBQ	U	B	1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		157117-31-4	2,3,4,7,8-PECDF	5.03	U	0.0216	5.03	ng/kg	JBQ	U	B	1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.03	U	0.0219	5.03	ng/kg						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	6020A	12/3/2013	PH135	3.1		2 7440-28-0	THALLIUM	0.217		0.0304	0.202	mg/kg				1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	7471B	12/3/2013	PH135	3.1		1 7439-97-6	MERCURY	0.0164	U	0.0099	0.0164	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015B	12/10/2013	PH135	3.1		1 84-15-1	O-TERPHENYL	0.18	U	0.069	0.18	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015B	12/10/2013	PH135	3.1		1 92-06-8	m-Terphenyl	0.18	U	0.069	0.18	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015B	12/10/2013	PH135	3.1		1 92-94-4	p-Terphenyl	0.18	U	0.069	0.18	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015M	12/7/2013	PH135	3.1		1 PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015M	12/7/2013	PH135	3.1		1 PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015M	12/7/2013	PH135	3.1		1 PHCC21C30	EFH (C21-C30)	5.1	U	2.1	5.1	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015M	12/7/2013	PH135	3.1		1 PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015M	12/7/2013	PH135	3.1		1 PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 11096-82-5	Aroclor 1260	18	U	4.0	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 11097-69-1	Aroclor 1254	18	U	4.5	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 11100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 11104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 11141-16-5	Aroclor 1232	18	U	4.2	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 12672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 12674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1786269	267786.4	-118.70804
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	541-73-1	1,3-DICHLORO BENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	544-10-5	1-Chlorohexane	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	56-23-5	CARBON TETRACHLORIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	563-58-6	1,1-Dichloropropene	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	591-78-6	2-Hexanone	11	U	3	11	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	594-20-7	2,2-DICHLOROPROPANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	630-20-6	1,1,1,2-TETRACHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	637-92-3	tert-Butyl ethyl ether	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	67-64-1	ACETONE	36		8	22	ug/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	67-66-3	CHLOROFORM	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	71-43-2	BENZENE	5	U	0.5	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	71-55-6	1,1,1-TRICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	74-83-9	BROMOMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	74-87-3	CHLOROMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	74-88-4	Methyl Iodide	5	U	3	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	74-95-3	DIBROMOMETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	74-97-5	Bromochloromethane	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-00-5	CHLOROETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-01-4	VINYL CHLORIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-09-2	METHYLENE CHLORIDE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-15-0	CARBON DISULFIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-25-2	BROMOFORM	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-27-4	BROMODICHLOROMETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-34-3	1,1-DICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-35-4	1,1-DICHLOROETHENE	5										

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	218-01-9	Chrysene	0.61	J	0.37	1.9	ug/kg	J	J	Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	50-32-8	BENZO(A)PYRENE	1.9	U	0.74	1.9	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.74	1.9	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	56-55-3	BENZO(A)ANTHRACENE	1.9	U	0.74	1.9	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.9	U	0.74	1.9	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	83-32-9	ACENAPHTHENE	1.9	U	0.74	1.9	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	84-66-2	DIETHYL PHTHALATE	20	U	6.7	20	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	84-74-2	Di-n-butylphthalate	20	U	6.7	20	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	85-01-8	PHENANTHRENE	1.9	U	0.74	1.9	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	85-68-7	BENZYL BUTYL PHTHALATE	20	U	6.7	20	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	86-73-7	FLUORENE	1.9	U	0.74	1.9	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	90-12-0	1-METHYLNAPHTHALENE	1.9	UJ	0.74	1.9	ug/kg	U	UJ	FD	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	91-20-3	NAPHTHALENE	0.94	J	0.74	1.9	ug/kg	J	J	Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	91-57-6	2-METHYLNAPHTHALENE	1.9	UJ	0.74	1.9	ug/kg	U	UJ	FD	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8315A	11/21/2013	PH129	10	1	50-00-0	FORMALDEHYDE	14000	J	1300	2200	ug/kg		J	S	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	9045M	11/15/2013	PH129	10	1	pH	PH	6.89		0.0100	0.0100	pH unit				1785404	267503.8	-118.71089
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	160.3M	11/26/2013	PH131	2.1	1	MOIST	MOISTURE	2.1		0.10	0.10	%				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	1746-01-6	2,3,7,8-TCDD	0.997	U	0.0792	0.997	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.98	U	0.0505	4.98	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	3268-87-9	OCDD	7.61	J	0.0539	9.97	ng/kg	JB	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.98	U	0.0695	4.98	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	39001-02-0	OCDF	9.97	U	0.0802	9.97	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.98	U	0.0517	4.98	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.98	U	0.0857	4.98	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.997	U	0.104	0.997	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	4.98	U	0.0292	4.98	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	57117-31-4	2,3,4,7,8-PECDF	4.98	U	0.0455	4.98	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.98	U	0.0464	4.98	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	57117-44-9	1,2,3,6,7,8-HXCDF	4.98	U	0.0409	4.98	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0747	J	0.0535	4.98	ng/kg	JQ	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	60851-34-5	2,3,4,6,7,8-HXCDF	4.98	U	0.0421	4.98	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	4.98	U	0.0188	4.98	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	70648-26-9	1,2,3,4,7,8-HXCDF	4.98	U	0.0478	4.98	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	72918-21-9	1,2,3,7,8,9-HXCDF	4.98	U	0.0561	4.98	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	TCDD TEQ	TCDD TEQ	0.00225		0	0	ng/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7429-90-5	ALUMINUM (FUME OR DUST)	13800		7.22	40.1	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7439-89-6	IRON	21100		3.63	40.1	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7439-92-1	LEAD	6.81		0.501	3.00	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7439-93-2	LITHIUM	22.5		0.34	4.0	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7439-95-4	MAGNESIUM	4670		1.67	10.0	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7439-96-5	MANGANESE	301		0.0831	1.00	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7439-98-7	MOLYBDENUM	2	U	0.170	2.00	mg/kg	J	U	F	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7440-02-0	NICKEL	11.2		0.130	2.00	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8270D SIM	12/4/2013	PH131	5.5		191-20-3	NAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786356	267590.9	-118.70774	
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8270D SIM	12/4/2013	PH131	5.5		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786356	267590.9	-118.70774	
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	9045M	11/20/2013	PH131	5.5		pH	PH	7.08		0.0100	0.0100	pH unit				1786356	267590.9	-118.70774	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	160.3M	11/26/2013	PH131	5.5		MOIST	MOISTURE	5.5		0.10	0.10	%				1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		11746-01-6	2,3,7,8-TCDD	1.05	U	0.0541	1.05	ng/kg	U			1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.24	U	0.0364	5.24	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		13268-87-9	OCDD	73.9		0.0352	10.5	ng/kg	B			1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	2.94	J	0.0470	5.24	ng/kg	JB	J	Z	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		139001-02-0	OCDF	10.5	U	0.0437	10.5	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.24	U	0.0365	5.24	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.24	U	0.0399	5.24	ng/kg	U			1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0558	J	0.0493	1.05	ng/kg	JQ	J	Z	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.24	U	0.0216	5.24	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		157117-31-4	2,3,4,7,8-PECDF	5.24	U	0.0279	5.24	ng/kg	JB	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.24	U	0.0274	5.24	ng/kg	JB	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		157117-44-9	1,2,3,6,7,8-HXCDF	5.24	U	0.0229	5.24	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.202	J	0.0380	5.24	ng/kg	J	J	Z	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		160851-34-5	2,3,4,6,7,8-HXCDF	5.24	U	0.0238	5.24	ng/kg	U			1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.24	U	0.0156	5.24	ng/kg	JB	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		170648-26-9	1,2,3,4,7,8-HXCDF	0.0982	J	0.0257	5.24	ng/kg	JQ	J	Z	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		172918-21-9	1,2,3,7,8,9-HXCDF	5.24	U	0.0252	5.24	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		17TCDD TEQ	TCDD TEQ	0.0937		0	0	ng/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17429-90-5	ALUMINUM (FUME OR DUST)	17300		7.55	41.9	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17439-89-6	IRON	23400		3.79	41.9	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17439-92-1	LEAD	8.29		0.524	3.14	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17439-93-2	LITHIUM	23.4		0.36	4.2	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17439-95-4	MAGNESIUM	4690		1.75	10.5	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17439-96-5	MANGANESE	316		0.0870	1.05	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17439-98-7	MOLYBDENUM	2.1	U	0.178	2.10	mg/kg	J	U	F		1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-02-0	NICKEL	14.6		0.136	2.10	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-09-7	POTASSIUM	4230	J	8.74	105	mg/kg		J	Q		1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-23-5	SODIUM	73.1	J	17.5	105	mg/kg	J	J	Z		1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-31-5	TIN	10.5	U	0.230	10.5	mg/kg	J	U	B		1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-32-6	TITANIUM METAL POWDER	1180		0.178	1.05	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-36-0	ANTIMONY	4.19	UJ	0.775	4.19	mg/kg	U	UJ	Q		1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-38-2	ARSENIC	4.35		0.733	4.19	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-39-3	BARIUM	106		0.0346	1.05	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-41-7	BERYLLIUM	0.721	J	0.0702	1.05	mg/kg	J	J	Z		1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-42-8	BORON	1.87	J	0.880	10.5	mg/kg	J	J	Z		1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-43-9	CADMIUM	1.05	U	0.0796	1.05	mg/kg	U				1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-47-3	CHROMIUM	22.9		0.168	3.14	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-48-4	COBALT	5.84		0.104	1.05	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-50-8	COPPER	9.41		0.304	2.10	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-62-2	VANADIUM (FUME OR DUST)	41.6		0.136	1.05	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C																		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	8270D SIM	12/4/2013	PH131	5.5		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.71	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	8270D SIM	12/4/2013	PH131	5.5		1208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	8270D SIM	12/4/2013	PH131	5.5		150-32-8	BENZO(A)PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	8270D SIM	12/4/2013	PH131	5.5		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.71	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8015M	11/26/2013	PH131	5.5		1PHCC30C40	EFH (C30-C40)	11	U	4.2	11	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8015M	11/26/2013	PH131	5.5		1PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		111097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		111100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		111104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		111126-42-4	Aroclor 5460	35	U	11	35	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		111141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		112642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		112672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		112674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		137324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		153469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		163496-31-1	Aroclor 5432	35	U	11	35	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8270D SIM	12/4/2013	PH131	5.5		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8270D SIM	12/4/2013	PH131	5.5		1117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8270D SIM	12/4/2013	PH131	5.5		1120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17439-96-5	MANGANESE	315		0.0841	1.01	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17439-98-7	MOLYBDENUM	2.03	U	0.172	2.03	mg/kg	J	U	F	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-02-0	NICKEL	14.1		0.132	2.03	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-09-7	POTASSIUM	3220	J	8.45	101	mg/kg		J	Q	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-23-5	SODIUM	83.1	J	16.9	101	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-32-6	TITANIUM METAL POWDER	1260		0.172	1.01	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-36-0	ANTIMONY	4.05	UJ	0.750	4.05	mg/kg	U	UJ	Q	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-38-2	ARSENIC	3.97	J	0.709	4.05	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-39-3	BARIUM	97.9		0.0334	1.01	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-41-7	BERYLLIUM	0.737	J	0.0679	1.01	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-42-8	BORON	2.43	J	0.851	10.1	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-43-9	CADMIUM	1.01	U	0.0770	1.01	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-47-3	CHROMIUM	25		0.162	3.04	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-48-4	COBALT	6.69		0.100	1.01	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-50-8	COPPER	9.42		0.294	2.03	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-62-2	VANADIUM (FUME OR DUST)	52.3		0.132	1.01	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-66-6	ZINC	54.5		0.203	4.05	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-67-7	ZIRCONIUM	4.02	J	0.851	5.07	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		159-50-7	4-CHLORO-3-METHYLPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		162-53-3	ANILINE	340	U	170	340	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	170	U	69	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		1621-64-7	N-NITROSO-DI-N-PROPYLAMINE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		165-85-0	BENZOIC ACID	520	U									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1120-12-7	ANTHRACENE	0.94	J	0.34	1.7	ug/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1129-00-0	PYRENE	11		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1191-24-2	BENZO(G,H,I)PERYLENE	4.3		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1192-97-2	Benzo(e)pyrene	5.2	J	3.4	18	ug/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1193-39-5	INDENO(1,2,3-CD)PYRENE	4		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1205-99-2	BENZO(B)FLUORANTHENE	10		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1206-44-0	FLUORANTHENE	13		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1207-08-9	BENZO(K)FLUORANTHENE	5.2		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1218-01-9	Chrysene	8.6		0.34	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		150-32-8	BENZO(A)PYRENE	6.9		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		153-70-3	DIBENZO(A,H)ANTHRACENE	1.3	J	0.69	1.7	ug/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		156-55-3	BENZO(A)ANTHRACENE	7.8		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		185-01-8	PHENANTHRENE	3.4		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8315A	12/3/2013	PH134	3.3		150-00-0	FORMALDEHYDE	2100	U	1200	2100	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	9045M	11/26/2013	PH134	3.3		1pH	PH	7.11		0.0100	0.0100	pH unit				1786218	267870	-118.7082
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		185-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	9045M	11/20/2013	PH131	2.1		1pH	PH	6.69		0.0100	0.0100	pH unit				1786146	267701.6	-118.70844
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	160.3M	11/26/2013	PH131	3.1		1MOIST	MOISTURE	3.1		0.10	0.10	%				1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		11746-01-6	2,3,7,8-TCDD	0.999	U	0.0490	0.999	ng/kg	U			1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.665	J	0.0290	5.00	ng/kg	JB	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		13268-87-9	OCDD	2.76	J	0.0257	9.99	ng/kg	JB	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5	U	0.0266	5.00	ng/kg	JB	U	B	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		139001-02-0	OCDF	9.99	U	0.0402	9.99	ng/kg	JBQ	U	B	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5	U	0.0290	5.00	ng/kg	JBQ	U	B	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.109	J	0.0399	5.00	ng/kg	JQ	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0667	J	0.0461	0.999	ng/kg	JQ	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		155673-89-7	1,2,3,4,7,8,9-HPCDF	5	U	0.0186	5.00	ng/kg	JBQ	U	B	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		157117-31-4	2,3,4,7,8-PECDF	5	U	0.0261	5.00	ng/kg						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17439-92-1	LEAD	5.95		0.507	3.04	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17439-93-2	LITHIUM	15.5		0.34	4.1	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17439-95-4	MAGNESIUM	3840		1.69	10.1	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17439-96-5	MANGANESE	231		0.0841	1.01	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17439-98-7	MOLYBDENUM	2.03	U	0.172	2.03	mg/kg	J	U	F	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-02-0	NICKEL	9.14		0.132	2.03	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-09-7	POTASSIUM	2070	J	8.46	101	mg/kg		J	Q	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-23-5	SODIUM	139		16.9	101	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-32-6	TITANIUM METAL POWDER	1090		0.172	1.01	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-36-0	ANTIMONY	4.06	UJ	0.750	4.06	mg/kg	U	UJ	Q	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-38-2	ARSENIC	3.91	J	0.710	4.06	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-39-3	BARIUM	61.2		0.0335	1.01	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-41-7	BERYLLIUM	0.619	J	0.0679	1.01	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-42-8	BORON	10.1	U	0.852	10.1	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-43-9	CADMIUM	1.01	U	0.0771	1.01	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-47-3	CHROMIUM	21.9		0.162	3.04	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-48-4	COBALT	3.93		0.100	1.01	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-50-8	COPPER	15.9		0.294	2.03	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-62-2	VANADIUM (FUME OR DUST)	30.1		0.132	1.01	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-66-6	ZINC	65.5	J	0.203	4.06	mg/kg		J	Q	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-67-7	ZIRCONIUM	2.73	J	0.852	5.07	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-70-2	CALCIUM METAL	2160		3.39	20.3	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17723-14-0	PHOSPHORUS	121		2.93	10.1	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6020A	12/10/2013	PH134	3.3		27782-49-2	SELENIUM	0.107	J	0.101	0.406	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6020A	12/10/2013	PH134	3.3		27440-22-4	SILVER	2.02		0.0264	0.203	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6020A	12/10/2013	PH134	3.3		27440-24-6	STRONTIUM	17.5		0.0689	0.406	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6020A	12/10/2013	PH134	3.3		27440-28-0	THALLIUM	0.218		0.0304	0.203	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	7199	12/12/2013	PH134	3.3		118540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	0.47		0.14	0.39	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	7471B	12/10/2013	PH134	3.3		17439-97-6	MERCURY	0.0172	U	0.0103	0.0172	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8015M	12/7/2013	PH134	3.3		1PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8015M	12/7/2013	PH134	3.3		1PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8015M	12/7/2013	PH134	3.3		1PHCC21C30	EFH (C21-C30)	5	J	2.1	5.1	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8015M	12/7/2013	PH134	3.3		1PHCC30C40	EFH (C30-C40)	26		4.1	10	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8015M	12/7/2013	PH134	3.3		1PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8015M	12/5/2013	PH134	3.3	27.29	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		111096-82-5	Aroclor 1260	18	U	4.0	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		111097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		111100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		111104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		111141-16-5	Aroclor 1232	18	U	4.2	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		112672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		112674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3														

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		139638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		150-32-8	BENZO(A)PYRENE	11	J	3	18	ug/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		151-28-5	2,4-DINITROPHENOL	680	U	310	680	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		153-70-3	DIBENZO(A,H)ANTHRACENE	18	U	3	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		1534-52-1	4,6-DINITRO-2-METHYLPHENOL	520	U	170	520	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		1541-73-1	1,3-DICHLOROENZENE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		156-55-3	BENZO(A)ANTHRACENE	14	J	3	18	ug/kg	J	J	Z	1786218	267870	-118.7082
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1205-99-2	BENZO(B)FLUORANTHENE	0.71	J	0.69	1.7	ug/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17429-90-5	ALUMINUM (FUME OR DUST)	15800		7.36	40.8	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17439-89-6	IRON	19600		3.69	40.8	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17439-92-1	LEAD	7.49		0.510	3.06	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17439-93-2	LITHIUM	23.4		0.35	4.1	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17439-95-4	MAGNESIUM	4030		1.70	10.2	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17439-96-5	MANGANESE	292		0.0847	1.02	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17439-98-7	MOLYBDENUM	2.04	U	0.173	2.04	mg/kg	J	U	F	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-02-0	NICKEL	10.3		0.133	2.04	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-09-7	POTASSIUM	3200	J	8.51	102	mg/kg		J	Q	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-23-5	SODIUM	96.9	J	17.0	102	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-31-5	TIN	10.2	U	0.224	10.2	mg/kg	J	U	B	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-32-6	TITANIUM METAL POWDER	1090		0.173	1.02	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-36-0	ANTIMONY	4.08	UJ	0.755	4.08	mg/kg	U	UJ	Q	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-38-2	ARSENIC	3.16	J	0.714	4.08	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-39-3	BARIUM	88.9		0.0337	1.02	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-41-7	BERYLLIUM	0.619	J	0.0684	1.02	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-42-8	BORON	2.03	J	0.857	10.2	mg/kg	J	J	FD, Z	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-43-9	CADMIUM	1.02	U	0.0776	1.02	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-47-3	CHROMIUM	33.2		0.163	3.06	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-48-4	COBALT	4.21		0.101	1.02	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-50-8	COPPER	18.3		0.296	2.04	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-62-2	VANADIUM (FUME OR DUST)	32.8		0.133	1.02	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		72																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1108-68-9	3,5-Dimethylphenol	170	U	34	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1108-95-2	PHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1110-86-1	PYRIDINE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1111-44-4	BIS(2-CHLOROETHYL) ETHER	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1111-76-2	2-butoxy-Ethanol	170	UJ	170	170	ug/kg	U	UJ	C	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1111-91-1	BIS(2-CHLOROETHOXY)METHANE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1117-84-0	Di-n-octylphthalate	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1118-74-1	HEXACHLORO BENZENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1119-64-2	TETRALIN	170	UJ	34	170	ug/kg	U	UJ	C	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1120-12-7	ANTHRACENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1120-82-1	1,2,4-TRICHLORO BENZENE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1120-83-2	2,4-DICHLOROPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1122-66-7	1,2-DIPHENYLHYDRAZINE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1122-99-6	2-phenoxy-Ethanol	170	UJ	170	170	ug/kg	U	UJ	C	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1129-00-0	PYRENE	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1131-11-3	DIMETHYL PHTHALATE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1132-64-9	DIBENZOFURAN	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1191-24-2	BENZO(G,H,I)PERYLENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1205-99-2	BENZO(B)FLUORANTHENE	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1206-44-0	FLUORANTHENE	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1207-08-9	BENZO(K)FLUORANTHENE	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1208-96-8	ACENAPHTHYLENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1218-01-9	Chrysene	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		139638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		150-32-8	BENZO(A)PYRENE	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		151-28-5	2,4-DINITROPHENOL	670	U	300	670	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		153-70-3	DIBENZO(A,H)ANTHRACENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1534-52-1	4,6-DINITRO-2-METHYLPHENOL	510	U	170	510	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1541-73-1	1,3-DICHLORO BENZENE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		156-55-3	BENZO(A)ANTHRACENE	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		159-50-7	4-CHLORO-3-METHYLPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		162-53-3	ANILINE	340	U	170	340	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1621-64-7	N-NITROSO-DI-N-PROPYLAMINE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		165-85-0	BENZOIC ACID	510	U	170	510	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		167-72-1	HEXACHLOROETHANE	170	U	34	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		17005-72-3	4-CHLOROPHENYL PHENYL ETHER	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		177-47-4	HEXACHLOROCYCLOPENTADIENE	510	U	170	510	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		178-59-1	3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		183-32-9	ACENAPHTHENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		184-66-2	DIETHYL PHTHALATE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		184-74-2	Di-n-butylphthalate	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		185-01-8	PHENANTHRENE	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		185-68-7	BENZYL BUTYL PHTHALATE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		186-30-6	N											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D SIM	12/14/2013	PH134	2		150-32-8	BENZO(A)PYRENE	1.3	J	0.68	1.7	ug/kg	J	J	FD, Q, Z	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D SIM	12/14/2013	PH134	2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	UJ	0.68	1.7	ug/kg	J	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D SIM	12/14/2013	PH134	2		156-55-3	BENZO(A)ANTHRACENE	1.2	J	0.68	1.7	ug/kg	J	J	FD, Q, Z	1786218	267870	-118.7082
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-42-8	BORON	2.15	J	0.851	10.1	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-43-9	CADMIUM	1.01	U	0.0770	1.01	mg/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-47-3	CHROMIUM	18.3		0.162	3.04	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-48-4	COBALT	5		0.100	1.01	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-50-8	COPPER	5.76		0.294	2.03	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-62-2	VANADIUM (FUME OR DUST)	34.2		0.132	1.01	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-66-6	ZINC	51.4		0.203	4.05	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-67-7	ZIRCONIUM	2.74	J	0.851	5.07	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-70-2	CALCIUM METAL	2600		3.38	20.3	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17723-14-0	PHOSPHORUS	366	J	2.93	10.1	mg/kg		J	Q	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6020A	12/2/2013	PH131	2.3		27782-49-2	SELENIUM	0.145	J	0.101	0.405	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6020A	12/2/2013	PH131	2.3		27440-22-4	SILVER	0.158	J	0.0263	0.203	mg/kg	J	J	FD, Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6020A	12/2/2013	PH131	2.3		27440-24-6	STRONTIUM	24.2	J	0.0689	0.405	mg/kg		J	Q, A	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6020A	12/2/2013	PH131	2.3		27440-28-0	THALLIUM	0.274		0.0304	0.203	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	7471B	11/28/2013	PH131	2.3		17439-97-6	MERCURY	0.0168	U	0.0101	0.0168	mg/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015B	11/27/2013	PH131	2.3		184-15-1	O-TERPHENYL	0.17	U	0.069	0.17	mg/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015B	11/27/2013	PH131	2.3		192-06-8	m-Terphenyl	0.17	UJ	0.069	0.17	mg/kg	U	UJ	FD	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015B	11/27/2013	PH131	2.3		192-94-4	p-Terphenyl	0.17	U	0.069	0.17	mg/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015M	11/27/2013	PH131	2.3	27.41	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015M	11/26/2013	PH131	2.3		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015M	11/26/2013	PH131	2.3		1PHCC15C20	EFH (C15-C20)	2.5	J	2.0	5.1	mg/kg	J	J	FD, Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015M	11/26/2013	PH131	2.3		1PHCC21C30	EFH (C21-C30)	16	J	2.0	5.1	mg/kg		J	Q	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015M	11/26/2013	PH131	2.3		1PHCC30C40	EFH (C30-C40)	38	J	4.1	10	mg/kg		J	Q	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015M	11/26/2013	PH131	2.3		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		111096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		111097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		111100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		111104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		111141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		112672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		112674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		137324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786090	267710.9	-118.70863
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		11746-01-6	2,3,7,8-TCDD	0.0791	J	0.0457	1.08	ng/kg	JQ	J	Z	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.39	U	0.0316	5.39	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		13268-87-9	OCDD	10.8	U	0.0232	10.8	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.39	U	0.0245	5.39	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		139001-02-0	OCDF	10.8	U	0.0371	10.8	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.39	U	0.0303	5.39	ng/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0749	J	0.0333	5.39	ng/kg	JQ	J	Z	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.08	U	0.0423	1.08	ng/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		728234																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	6010C	12/2/2013	PH131	8.9		17723-14-0	PHOSPHORUS	868	J	3.11	10.8	mg/kg	J	J	Q	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	6020A	12/2/2013	PH131	8.9		27782-49-2	SELENIUM	0.39	J	0.108	0.430	mg/kg	J	J	Z	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	6020A	12/2/2013	PH131	8.9		27440-22-4	SILVER	0.215	U	0.0280	0.215	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	6020A	12/2/2013	PH131	8.9		27440-24-6	STRONTIUM	33.7	J	0.0732	0.430	mg/kg		J	Q, A	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	6020A	12/2/2013	PH131	8.9		27440-28-0	THALLIUM	0.392		0.0323	0.215	mg/kg				1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	7471B	11/28/2013	PH131	8.9		17439-97-6	MERCURY	0.0179	U	0.0108	0.0179	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8015M	11/27/2013	PH131	8.9	27.17	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.2	U	0.2	1.2	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8015M	11/26/2013	PH131	8.9		1PHCC12C14	EFH (C12-C14)	5.4	U	2.2	5.4	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8015M	11/26/2013	PH131	8.9		1PHCC15C20	EFH (C15-C20)	5.4	U	2.2	5.4	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8015M	11/26/2013	PH131	8.9		1PHCC21C30	EFH (C21-C30)	5.4	U	2.2	5.4	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8015M	11/26/2013	PH131	8.9		1PHCC30C40	EFH (C30-C40)	11	U	4.3	11	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8015M	11/26/2013	PH131	8.9		1PHCC8C11	EFH (C8-C11)	5.4	U	2.2	5.4	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		111096-82-5	Aroclor 1260	19	U	4.3	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		111097-69-1	Aroclor 1254	19	U	4.8	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		111100-14-4	Aroclor 1268	19	U	3.6	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		111104-28-2	Aroclor 1221	19	U	5.6	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		111126-42-4	Aroclor 5460	36	U	11	36	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		111141-16-5	Aroclor 1232	19	U	4.5	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		112642-23-8	Aroclor 5442	36	U	11	36	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		112672-29-6	Aroclor 1248	19	U	3.6	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		112674-11-2	Aroclor 1016	19	U	3.6	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		137324-23-5	Aroclor 1262	19	U	3.6	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		153469-21-9	Aroclor 1242	19	U	4.5	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		163496-31-1	Aroclor 5432	36	U	11	36	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.6	20	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1117-84-0	Di-n-octylphthalate	20	U	6.6	20	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1120-12-7	ANTHRACENE	1.8	U	0.37	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1129-00-0	PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1192-97-2	Benzo(e)pyrene	19	U	3.7	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1208-96-8	ACENAPHTHYLENE	1.8	U	0.37	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1218-01-9	Chrysene	1.8	U	0.37	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		150-32-8	BENZO(A)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		183-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		184-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		184-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		185-01-8	PHENANTHRENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			17864		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	160.3M	11/26/2013	PH131	8.9	1	MOIST	MOISTURE	8.9		0.10	0.10	%				1786407	267547.8	-118.70757

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Appendix D

Master Database Table

(On CD)

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-43-9	CADMIUM	0.103	J	0.0806	1.06	mg/kg	J	J	FD, Z	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-47-3	CHROMIUM	49.7		0.170	3.18	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-48-4	COBALT	12.8	J	0.105	1.06	mg/kg		J	E	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-50-8	COPPER	27.4	J	0.307	2.12	mg/kg		J	A	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-62-2	VANADIUM (FUME OR DUST)	78.1		0.138	1.06	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-66-6	ZINC	102		0.212	4.24	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-67-7	ZIRCONIUM	5.38		0.890	5.30	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7440-70-2	CALCIUM METAL	6080		3.54	21.2	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		1	7723-14-0	PHOSPHORUS	611		3.06	10.6	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6020A	6/27/2013	PH058	6.6		2	7782-49-2	SELENIUM	0.265	J	0.106	0.424	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6020A	6/27/2013	PH058	6.6		2	7440-22-4	SILVER	0.212	U	0.0276	0.212	mg/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6020A	6/27/2013	PH058	6.6		2	7440-24-6	STRONTIUM	47.4	J	0.0551	0.424	mg/kg		J	Q	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6020A	6/27/2013	PH058	6.6		2	7440-28-0	THALLIUM	0.393		0.0318	0.212	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	7471B	6/28/2013	PH058	6.6		1	7439-97-6	MERCURY	0.0172	U	0.0103	0.0172	mg/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	8015M	6/25/2013	PH058	6.6		1	PHCC12C14	EFH (C12-C14)	5.4	U	2.1	5.4	mg/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	8015M	6/25/2013	PH058	6.6		1	PHCC15C20	EFH (C15-C20)	5.4	U	2.1	5.4	mg/kg	U			1786397	267222.9	-118.7076
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	1746-01-6	2,3,7,8-TCDD	0.992	U	0.0334	0.992	ng/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.91	J	0.0669	4.96	ng/kg	JB	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	3268-87-9	OCDD	432		0.0545	9.92	ng/kg	B			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	19.1		0.0775	4.96	ng/kg	B			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	39001-02-0	OCDF	7	J	0.0439	9.92	ng/kg	JB	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.26	J	0.0686	4.96	ng/kg	JBQ	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.96	U	0.0499	4.96	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.992	U	0.0418	0.992	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	4.96	U	0.0366	4.96	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	57117-31-4	2,3,4,7,8-PECDF	4.96	U	0.0327	4.96	ng/kg	JB	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.394	J	0.0329	4.96	ng/kg	JB	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	57117-44-9	1,2,3,6,7,8-HXCDF	4.96	U	0.0301	4.96	ng/kg	JB	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.84	J	0.0720	4.96	ng/kg	JB	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	60851-34-5	2,3,4,6,7,8-HXCDF	0.205	J	0.0298	4.96	ng/kg	JBQ	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	1.96	J	0.0258	4.96	ng/kg	JB	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	70648-26-9	1,2,3,4,7,8-HXCDF	0.172	J	0.0331	4.96	ng/kg	JB	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	72918-21-9	1,2,3,7,8,9-HXCDF	0.322	J	0.0360	4.96	ng/kg	JBQ	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	1613B	6/27/2013	PH059	2.7		1	TCDD TEQ	TCDD TEQ	0.6		0	0	ng/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7429-90-5	ALUMINUM (FUME OR DUST)	14500		7.34	40.7	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7439-89-6	IRON	18300		3.68	40.7	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7439-92-1	LEAD	6.19		0.509	3.05	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7439-93-2	LITHIUM	18.6		0.35	4.1	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7439-95-4	MAGNESIUM	3700		1.70	10.2	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7439-96-5	MANGANESE	313		0.0845	1.02	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7439-98-7	MOLYBDENUM	2.04	U	0.173	2.04	mg/kg	J	U	F, B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7440-02-0	NICKEL	11.8		0.132	2.04	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	6010C	6/27/2013	PH059	2.7		1	7440-09-7	POTASSIUM	3400		8.49	1							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2	10	218-01-9	Chrysene	28		3.6	18	ug/kg				1785361	267600.5	-118.71103
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		185-01-8	PHENANTHRENE	1	J	0.69	1.7	ug/kg	J	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		191-20-3	NAPHTHALENE	0.96	J	0.69	1.7	ug/kg	J	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	8270D SIM	6/28/2013	PH059	2.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	9045M	6/19/2013	PH059	2.7		pH	PH	6.03		0.0100	0.0100	pH unit				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	160.3M	6/25/2013	PH059	3.8	1	MOIST	MOISTURE	3.8		0.10	0.10	%				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		11746-01-6	2,3,7,8-TCDD	1.02	U	0.0248	1.02	ng/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.1	U	0.0256	5.10	ng/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		13268-87-9	OCDD	10.2	U	0.0284	10.2	ng/kg	JB	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.1	U	0.0246	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		139001-02-0	OCDF	10.2	U	0.0348	10.2	ng/kg	JB	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.1	U	0.0229	5.10	ng/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.1	U	0.0362	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0268	1.02	ng/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.1	U	0.0151	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		157117-31-4	2,3,4,7,8-PECDF	5.1	U	0.0192	5.10	ng/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.1	U	0.0202	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		157117-44-9	1,2,3,6,7,8-HXCDF	5.1	U	0.0106	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.1	U	0.0247	5.10	ng/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		160851-34-5	2,3,4,6,7,8-HXCDF	5.1	U	0.00967	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.1	U	0.00967	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		170648-26-9	1,2,3,4,7,8-HXCDF	5.1	U	0.0113	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		172918-21-9	1,2,3,7,8,9-HXCDF	5.1	U	0.0132	5.10	ng/kg	JBQ	U	B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	1613B	6/27/2013	PH059	3.8		1TCDD TEQ	TCDD TEQ	0.000104		0	0	ng/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17429-90-5	ALUMINUM (FUME OR DUST)	12400		7.21	40.0	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17439-89-6	IRON	21600		3.62	40.0	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17439-92-1	LEAD	3.9		0.500	3.00	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17439-93-2	LITHIUM	21.1		0.34	4.0	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17439-95-4	MAGNESIUM	5060		1.67	10.0	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17439-96-5	MANGANESE	238		0.0830	1.00	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17439-98-7	MOLYBDENUM	2	U	0.170	2.00	mg/kg	J	U	F, B	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17440-02-0	NICKEL	11.9		0.130	2.00	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17440-09-7	POTASSIUM	2250		8.34	100	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17440-23-5	SODIUM	158		16.7	100	mg/kg				1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft																							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		185-01-8	PHENANTHRENE	1	J	0.68	1.7	ug/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	9045M	5/30/2013	PH042	1.5		1pH	PH	6.46		0.0100	0.0100	pH unit				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	160.3M	6/4/2013	PH042	3.5		1MOIST	MOISTURE	3.5		0.10	0.10	%				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		11746-01-6	2,3,7,8-TCDD	1.02	U	0.0356	1.02	ng/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.4	J	0.0476	5.08	ng/kg	JQ	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		13268-87-9	OCDD	84.3		0.0516	10.2	ng/kg	B			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	7.59		0.0729	5.08	ng/kg	B			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		139001-02-0	OCDF	6.79	J	0.0427	10.2	ng/kg	JB	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.141	J	0.0469	5.08	ng/kg	JQ	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.08	U	0.0378	5.08	ng/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0341	1.02	ng/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.237	J	0.0386	5.08	ng/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		157117-31-4	2,3,4,7,8-PECDF	0.0575	J	0.0195	5.08	ng/kg	JQ	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.0742	J	0.0213	5.08	ng/kg	JQ	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		157117-44-9	1,2,3,6,7,8-HXCDF	0.123	J	0.0382	5.08	ng/kg	JB	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.366	J	0.0501	5.08	ng/kg	JQ	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		160851-34-5	2,3,4,6,7,8-HXCDF	0.175	J	0.0375	5.08	ng/kg	JB	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		167562-39-4	1,2,3,4,6,7,8-HPCDF	2.1	J	0.0263	5.08	ng/kg	JB	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		170648-26-9	1,2,3,4,7,8-HXCDF	5.08	U	0.0413	5.08	ng/kg	JBQ	U	B	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		172918-21-9	1,2,3,7,8,9-HXCDF	0.125	J	0.0438	5.08	ng/kg	JBQ	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	1613B	6/5/2013	PH042	3.5		1TCDD TEQ	TCDD TEQ	0.156		0	0	ng/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17429-90-5	ALUMINUM (FUME OR DUST)	17700		7.83	40.6	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17439-89-6	IRON	21100		3.86	40.6	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17439-92-1	LEAD	6.58		0.477	3.05	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17439-93-2	LITHIUM	22.9		0.56	4.1	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17439-95-4	MAGNESIUM	4170		1.76	10.2	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17439-96-5	MANGANESE	287		0.0843	1.02	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17439-98-7	MOLYBDENUM	2.03	U	0.173	2.03	mg/kg	J	U	B, F	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-02-0	NICKEL	12.5	J	0.112	2.03	mg/kg		J	A	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-09-7	POTASSIUM	2630		13.7	102	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-23-5	SODIUM	86.7	J	17.0	102	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-31-5	TIN	10.2	U	0.224	10.2	mg/kg	J	U	B	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-32-6	TITANIUM METAL POWDER	1100		0.173	1.02	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-36-0	ANTIMONY	4.06	UJ	0.508	4.06	mg/kg	J	UJ	B, Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-38-2	ARSENIC	5.2		0.335	4.06	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6/4/2013	PH042	3.5		17440-39-3	BARIUM	91.4		0.0335	1.02	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	6010C	6																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	8270D SIM	6/10/2013	PH042	3.5		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-4.0-5.0	5/29/2013	N	4	5	ft	SO	5A DG		7075251	LL	9045M	5/30/2013	PH042	3.5		1pH	PH	6.75		0.0100	0.0100	pH unit				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	160.3M	6/4/2013	PH042	4		1MOIST	MOISTURE	4		0.10	0.10	%				1786776	267113.8	-118.70634
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1218-01-9	Chrysene	0.46	J	0.36	1.8	ug/kg	J	J	Z	1785404	267503.8	-118.71089
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		150-32-8	BENZO(A)PYRENE	0.73	J	0.68	1.7	ug/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		185-01-8	PHENANTHRENE	0.74	J	0.68	1.7	ug/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	9045M	5/31/2013	PH043	1.9		1pH	PH	6.46		0.0100	0.0100	pH unit				1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		11746-01-6	2,3,7,8-TCDD	1.02	U	0.0418	1.02	ng/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.114	J	0.0255	5.09	ng/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		13268-87-9	OCDD	10.2	U	0.0325	10.2	ng/kg	JB	U	B	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.09	U	0.0271	5.09	ng/kg	JBQ	U	B	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		139001-02-0	OCDF	10.2	U	0.0420	10.2	ng/kg	JB	U	B	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.09	U	0.0234	5.09	ng/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0449	J	0.0363	5.09	ng/kg	JQ	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0376	1.02	ng/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.0327	J	0.0177	5.09	ng/kg	JQ	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		157117-31-4	2,3,4,7,8-PECDF	0.0656	J	0.0186	5.09	ng/kg	JQ	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.103	J	0.0199	5.09	ng/kg	JQ	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		157117-44-9	1,2,3,6,7,8-HXCDF	5.09	U	0.0173	5.09	ng/kg	JBQ	U	B	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0704	J	0.0244	5.09	ng/kg	JQ	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		160851-34-5	2,3,4,6,7,8-HXCDF	5.09	U	0.0172	5.09	ng/kg	JBQ	U	B	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	1613B	6/6/2013	PH043	4		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.09	U	0.0109	5.09	ng/kg	JBQ	U	B	1786598	266989.8	-118.70693
SL-833-SA5A-SB-																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8015M	6/6/2013	PH043	4		1	PHCC21C30	EFH (C21-C30)	2.9	J	2.1	5.2	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8015M	6/6/2013	PH043	4		1	PHCC30C40	EFH (C30-C40)	4.7	J	4.2	10	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8015M	6/6/2013	PH043	4		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8015M	6/5/2013	PH043	4	25.3	GROCC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786598	266989.8	-118.70693	
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	83-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	85-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	86-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	91-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	8270D SIM	6/10/2013	PH043	4		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	9045M	5/31/2013	PH043	4		1	pH	PH	6.89		0.0100	0.0100	pH unit				1786598	266989.8	-118.70693
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	160.3M	6/4/2013	PH043	2.6		1	MOIST	MOISTURE	2.6		0.10	0.10	%				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	1746-01-6	2,3,7,8-TCDD	1.01	U	0.0421	1.01	ng/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.749	J	0.0625	5.04	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	3268-87-9	OCDD	257		0.0594	10.1	ng/kg	B			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	17.9		0.0880	5.04	ng/kg	B			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	39001-02-0	OCDF	15.2		0.0454	10.1	ng/kg	B			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.227	J	0.0605	5.04	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.104	J	0.0507	5.04	ng/kg	JQ	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.132	J	0.0522	1.01	ng/kg	JQ	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.329	J	0.0416	5.04	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	57117-31-4	2,3,4,7,8-PECDF	0.173	J	0.0265	5.04	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.21	J	0.0276	5.04	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		1	57117-44-9	1,2,3,6,7,8-HXCDF	0.155	J	0.0407	5.04	ng/kg	JBQ	J	Z	1786602	266995.6	-118.70691
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	6010C																		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8082A	6/12/2013	PH047	1.2		111141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8082A	6/12/2013	PH047	1.2		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8082A	6/12/2013	PH047	1.2		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8082A	6/12/2013	PH047	1.2		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8082A	6/12/2013	PH047	1.2		1137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8082A	6/12/2013	PH047	1.2		1153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8082A	6/12/2013	PH047	1.2		1163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1129-00-0	PYRENE	1.4	J	0.67	1.7	ug/kg	J	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1205-99-2	BENZO(B)FLUORANTHENE	1.5	J	0.67	1.7	ug/kg	J	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1206-44-0	FLUORANTHENE	1.5	J	0.67	1.7	ug/kg	J	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8270D SIM	12/14/2013	PH134	4.2		1218-01-9	Chrysene	3.1		0.34	1.7	ug/kg				1785912	267607.2	-118.70921
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1150-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1185-01-8	PHENANTHRENE	0.88	J	0.67	1.7	ug/kg	J	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	8270D SIM	6/13/2013	PH047	1.2		1191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	9045M	6/6/2013	PH047	1.2		1pH	PH	6.66		0.0100	0.0100	pH unit				1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	160.3M	6/11/2013	PH047	4.7		11MOIST	MOISTURE	4.7		0.10	0.10	%				1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		11746-01-6	2,3,7,8-TCDD	1.04	U	0.0162	1.04	ng/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		1119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.236	J	0.0165	5.18	ng/kg	JBQ	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		1132688-87-9	OCDD	7.2	J	0.0149	10.4	ng/kg	JB	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		1135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.703	J	0.0173	5.18	ng/kg	JB	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		1139001-02-0	OCDF	0.635	J	0.0152	10.4	ng/kg	JB	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		1139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.151	J	0.0151	5.18	ng/kg	JBQ	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		1140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.18	U	0.0178	5.18	ng/kg	JB	U	B	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		1151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0212	J	0.0124	1.04	ng/kg	J	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		1155673-89-7	1,2,3,4,7,8,9-HPCDF	5.18	U	0.0125	5.18	ng/kg	JB	U	B	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	1613B	6/16/2013	PH047	4.7		1157117-31-4	2,3,4,7,8-PECDF	0.119	J	0.00850	5.18	ng/kg	JB	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.																								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	6020A	6/11/2013	PH047	4.7		2	7440-28-0	THALLIUM	0.249		0.0306	0.204	mg/kg				1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	7471B	6/11/2013	PH047	4.7		1	7439-97-6	MERCURY	0.0121	J	0.0103	0.0171	mg/kg	J	J	Z	1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8015M	6/13/2013	PH047	4.7		1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8015M	6/13/2013	PH047	4.7		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8015M	6/13/2013	PH047	4.7		1	PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8015M	6/13/2013	PH047	4.7		1	PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8015M	6/13/2013	PH047	4.7		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786319	266874.8	-118.70785
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.02	U	0.0449	5.02	ng/kg	JB	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	57117-31-4	2,3,4,7,8-PECDF	5.02	U	0.0294	5.02	ng/kg	JBQ	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.02	U	0.0308	5.02	ng/kg	JBQ	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	57117-44-9	1,2,3,6,7,8-HXCDF	5.02	U	0.0249	5.02	ng/kg	JB	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.296	J	0.0502	5.02	ng/kg	JB	J	Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.02	U	0.0249	5.02	ng/kg	JB	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	1.63	J	0.0342	5.02	ng/kg	JB	J	Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.02	U	0.0276	5.02	ng/kg	JB	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	72918-21-9	1,2,3,7,8,9-HXCDF	0.141	J	0.0310	5.02	ng/kg	JBQ	J	Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		1	TCDD TEQ	TCDD TEQ	0.214		0	0	ng/kg				1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7429-90-5	ALUMINUM (FUME OR DUST)	17000	J	7.12	39.5	mg/kg		J	E, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7439-89-6	IRON	21000	J	3.58	39.5	mg/kg		J	E, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7439-92-1	LEAD	6.55	J	0.494	2.96	mg/kg		J	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7439-93-2	LITHIUM	22.5	J	0.34	4.0	mg/kg		J	Q, E, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7439-95-4	MAGNESIUM	4280	J	1.65	9.88	mg/kg		J	E, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7439-96-5	MANGANESE	310	J	0.0820	0.988	mg/kg		J	A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7439-98-7	MOLYBDENUM	1.98	UJ	0.168	1.98	mg/kg	J	UJ	F, B, Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-02-0	NICKEL	12.8	J	0.128	1.98	mg/kg		J	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-09-7	POTASSIUM	2460	J	8.24	98.8	mg/kg		J	Q, E, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-23-5	SODIUM	156	J	16.5	98.8	mg/kg		J	Q, E	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-31-5	TIN	9.88	UJ	0.217	9.88	mg/kg	J	UJ	B, Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-32-6	TITANIUM METAL POWDER	1190	J	0.168	0.988	mg/kg		J	A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-36-0	ANTIMONY	3.95	UJ	0.731	3.95	mg/kg	U	UJ	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-38-2	ARSENIC	2.68	J	0.691	3.95	mg/kg	J	J	Q, Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-39-3	BARIUM	96.5	J	0.0326	0.988	mg/kg		J	Q, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-41-7	BERYLLIUM	0.648	J	0.0662	0.988	mg/kg	J	J	Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-42-8	BORON	4.22	J	0.830	9.88	mg/kg	J	J	Q, Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-43-9	CADMIUM	0.988	UJ	0.0751	0.988	mg/kg	U	UJ	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-47-3	CHROMIUM	23	J	0.158	2.96	mg/kg		J	Q, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-48-4	COBALT	5.52	J	0.0978	0.988	mg/kg		J	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-50-8	COPPER	8.8	J	0.286	1.98	mg/kg		J	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-62-2	VANADIUM (FUME OR DUST)	39.2	J	0.128	0.988	mg/kg		J	Q, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-66-6	ZINC	52.6	J	0.198	3.95	mg/kg		J	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-67-7	ZIRCONIUM	1.7	J	0.830	4.94	mg/kg	J	J	Q, E, Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7440-70-2	CALCIUM METAL	2180	J	3.30	19.8	mg/kg		J	E, A	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6010C	6/27/2013	PH057	1.7		1	7723-14-0	PHOSPHORUS	230	J	2.85	9.88	mg/kg		J	Q	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	6020A	6/27/2013	PH057	1.7		2	7782-49-2	SELENIUM	0.134	J	0.0988	0.395	mg/kg	J	J	Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/1																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	1746-01-6	2,3,7,8-TCDD	0.998	U	0.0303	0.998	ng/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.581	J	0.0497	4.99	ng/kg	JB	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	3268-87-9	OCDD	131	J	0.0425	9.98	ng/kg	B	J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	8.64	J	0.0453	4.99	ng/kg	B	J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	39001-02-0	OCDF	3.64	J	0.0377	9.98	ng/kg	JB	J	FD, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.99	U	0.0472	4.99	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.99	U	0.0512	4.99	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.998	UJ	0.0471	0.998	ng/kg	JB	UJ	B, FD	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	4.99	U	0.0242	4.99	ng/kg	JB	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	57117-31-4	2,3,4,7,8-PECDF	4.99	U	0.0306	4.99	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.355	J	0.0315	4.99	ng/kg	JBQ	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	57117-44-9	1,2,3,6,7,8-HXCDF	4.99	U	0.0282	4.99	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.539	J	0.0515	4.99	ng/kg	JB	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.144	J	0.0277	4.99	ng/kg	JBQ	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	1.25	J	0.0168	4.99	ng/kg	JB	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	70648-26-9	1,2,3,4,7,8-HXCDF	4.99	U	0.0297	4.99	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.26	J	0.0317	4.99	ng/kg	JBQ	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	1613B	6/26/2013	PH057	0.67	1	TCDD TEQ	TCDD TEQ	0.266		0	0	ng/kg				1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7429-90-5	ALUMINUM (FUME OR DUST)	14200	J	7.19	39.9	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7439-89-6	IRON	18000	J	3.61	39.9	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7439-92-1	LEAD	7.29	J	0.498	2.99	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7439-93-2	LITHIUM	19.6	J	0.34	4.0	mg/kg		J	Q, E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7439-95-4	MAGNESIUM	3800	J	1.66	9.97	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7439-96-5	MANGANESE	275	J	0.0827	0.997	mg/kg		J	A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7439-98-7	MOLYBDENUM	1.99	UJ	0.169	1.99	mg/kg	J	UJ	F, FD, B, C	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-02-0	NICKEL	11.1	J	0.130	1.99	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-09-7	POTASSIUM	3510	J	8.31	99.7	mg/kg		J	Q, E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-23-5	SODIUM	75.7	J	16.6	99.7	mg/kg	J	J	Q, E, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-31-5	TIN	9.97	UJ	0.219	9.97	mg/kg	J	UJ	B, Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-32-6	TITANIUM METAL POWDER	1100	J	0.169	0.997	mg/kg		J	A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-36-0	ANTIMONY	3.99	UJ	0.738	3.99	mg/kg	U	UJ	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-38-2	ARSENIC	1.99	J	0.698	3.99	mg/kg	J	J	Q, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-39-3	BARIUM	89.2	J	0.0329	0.997	mg/kg		J	Q, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-41-7	BERYLLIUM	0.487	J	0.0668	0.997	mg/kg	J	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-42-8	BORON	4.14	J	0.837	9.97	mg/kg	J	J	Q, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-43-9	CADMIUM	0.997	UJ	0.0758	0.997	mg/kg	U	UJ	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-47-3	CHROMIUM	19	J	0.159	2.99	mg/kg		J	Q, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-48-4	COBALT	4.41	J	0.0987	0.997	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-50-8	COPPER	9.27	J	0.289	1.99	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-62-2	VANADIUM (FUME OR DUST)	31.2	J	0.130	0.997	mg/kg		J	Q, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-66-6	ZINC	49.7	J	0.199	3.99	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-67-7	ZIRCONIUM	1.42	J	0.837	4.98	mg/kg	J	J	Q, E, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7440-70-2	CALCIUM METAL	2240	J	3.33	19.9	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	6010C	6/27/2013	PH057	0.67	1	7723-14-0	PHOSPHORUS	337	J	2.88	9.97	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-S																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8015M	6/20/2013	PH056	2.6		1	PHCC21C30	EFH (C21-C30)	16		2.1	5.1	mg/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8015M	6/20/2013	PH056	2.6		1	PHCC30C40	EFH (C30-C40)	26		4.1	10	mg/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8015M	6/20/2013	PH056	2.6		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	11096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8082A	6/26/2013	PH056	2.6		1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	14	J	6.1	18	ug/kg	J	J	Z	1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	117-84-0	Di-n-octylphthalate	46		6.1	18	ug/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	120-12-7	ANTHRACENE	1.8		0.34	1.7	ug/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	129-00-0	PYRENE	7		0.67	1.7	ug/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	205-99-2	BENZO(B)FLUORANTHENE	3.6		0.67	1.7	ug/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	206-44-0	FLUORANTHENE	12		0.67	1.7	ug/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	207-08-9	BENZO(K)FLUORANTHENE	1	J	0.67	1.7	ug/kg	J	J	Z	1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	208-96-8	ACENAPHTHYLENE	0.4	J	0.34	1.7	ug/kg	J	J	Z	1786135	266779.2	-118.70846
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1	218-01-9	Chrysene	1.9		0.34	1.7	ug/kg			1785801	267429.2	-118.70958	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	50-32-8	BENZO(A)PYRENE	0.68	J	0.67	1.7	ug/kg	J	J	Z	1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	56-55-3	BENZO(A)ANTHRACENE	0.78	J	0.67	1.7	ug/kg	J	J	Z	1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	83-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	84-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	85-01-8	PHENANTHRENE	6.9		0.67	1.7	ug/kg			1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	86-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	91-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U		1786135	266779.2	-118.70846	
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	9045M	6/14/2013	PH056	2.6		1	pH	PH	6.55		0.0100	0.0100	pH unit			1786135	266779.2	-118.70846	
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8081B	6/19/2013	PH053	2.8		1	1024-57-3	HEPTACHLOR EPOXIDE	0.85	U	0.17	0.85	ug/kg	U		1786252	267217.6	-118.70808	
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8081B	6/19/2013	PH053	2.8		1	1031-07-8	ENDOSULFAN SULFATE	1.7	U	0.34	1.7	ug/kg	U		1786252	267217.6	-118.70808	
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8081B	6/19/2013	PH053	2.8		1	2385-85-5	MIREX	1.7	U	0.36	1.7	ug/kg	U		1786252	267217.6	-118.70808	
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8081B	6/19/2013	PH053	2.8		1	309-00-2	ALDRIN	0.85	U	0.17								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8270D SIM	6/20/2013	PH053	2.8		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8270D SIM	6/20/2013	PH053	2.8		185-01-8	PHENANTHRENE	45		0.68	1.7	ug/kg				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8270D SIM	6/20/2013	PH053	2.8		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8270D SIM	6/20/2013	PH053	2.8		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8270D SIM	6/20/2013	PH053	2.8		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8270D SIM	6/20/2013	PH053	2.8		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8270D SIM	6/20/2013	PH053	2.8		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	9045M	6/11/2013	PH053	2.8		1pH	PH	6.65		0.0100	0.0100	pH unit				1786252	267217.6	-118.70808
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	160.3M	6/13/2013	PH053	2.8		1MOIST	MOISTURE	2.8		0.10	0.10	%				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	1613B	6/21/2013	PH053	2.8		11746-01-6	2,3,7,8-TCDD	0.0246	J	0.0225	0.982	ng/kg	J	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	1613B	6/21/2013	PH053	2.8		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.56	J	0.0303	4.91	ng/kg	JB	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	1613B	6/21/2013	PH053	2.8		13268-87-9	OCDD	134		0.0316	9.82	ng/kg	B			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	1613B	6/21/2013	PH053	2.8		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	7.43		0.0428	4.91	ng/kg	B			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	1613B	6/21/2013	PH053	2.8		139001-02-0	OCDF	2.05	J	0.0264	9.82	ng/kg	JB	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	1613B	6/21/2013	PH053	2.8		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.14	J	0.0301	4.91	ng/kg	JQ	J	Z	1786325	267243.2	-118.70784
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		11746-01-6	2,3,7,8-TCDD	1.02	UJ	0.0253	1.02	ng/kg	U	UJ	FD	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.548	J	0.0252	5.09	ng/kg	JB	J	FD, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		13268-87-9	OCDD	64.9	J	0.0268	10.2	ng/kg	B	J	FD, Q	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.55	J	0.0305	5.09	ng/kg	B	J	FD	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		139001-02-0	OCDF	2.08	J	0.0277	10.2	ng/kg	JB	J	FD, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.09	UJ	0.0256	5.09	ng/kg	JBQ	UJ	B, FD	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		140321-76-4	1,2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	5.09	U	0.0293	5.09	ng/kg	JBQ	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0230	1.02	ng/kg	JBQ	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.09	UJ	0.0157	5.09	ng/kg	JBQ	UJ	B, FD	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		157117-31-4	2,3,4,7,8-PECDF	5.09	U	0.0166	5.09	ng/kg	JBQ	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.09	U	0.0177	5.09	ng/kg	JB	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		157117-44-9	1,2,3,6,7,8-HXCDF	5.09	U	0.0133	5.09	ng/kg	JBQ	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.453	J	0.0268	5.09	ng/kg	JB	J	FD, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		160851-34-5	2,3,4,6,7,8-HXCDF	5.09	U	0.0141	5.09	ng/kg	JBQ	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.762	J	0.0104	5.09	ng/kg	JB	J	FD, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		170648-26-9	1,2,3,4,7,8-HXCDF	5.09	U	0.0151	5.09	ng/kg	JBQ	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		172918-21-9	1,2,3,7,8,9-HXCDF	5.09	U	0.0166	5.09	ng/kg	JB	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	1613B	6/20/2013	PH052	2		1TCDD TEQ	TCDD TEQ	0.217		0	0	ng/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/21/2013	PH052	2	10	7440-50-8	COPPER	20	UJ	1.80	20.0	mg/kg	U	UJ	Q, E	1786117	267076.6	-118.70852
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8015M	6/18/2013	PH055	5.8		1PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8015M	6/18/2013	PH055	5.8		1PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8015M	6/18/2013	PH055	5.8		1PHCC21C30	EFH (C21-C30)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8015M	6/18/2013	PH055	5.8		1PHCC30C40	EFH (C30-C40)	11	U	4.2	11	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8015M	6/18/2013	PH055	5.8		1PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8015M	6/19/2013	PH055	5.8	25.05	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	7471B	6/16/2013	PH055	5.8		17439-97-6	MERCURY	0.0112	J	0.0105	0.0174	mg/kg	J	J	Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	6020A	6/17/2013	PH055	5.8		27440-22-4	SILVER	0.0482	J	0.0212	0.212	mg/kg	J	J	Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	6020A	6/17/2013	PH055	5.8		27440-24-6	STRONTIUM	17.8	J	0.0361	0.425	mg/kg		J	E, Q, A	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	6020A	6/17/2013	PH055	5.8		27440-28-0	THALLIUM	0.199	J	0.0318	0.212	mg/kg	J	J	Q, Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.27	U	0.0195	5.27	ng/kg	JB	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		157117-44-9	1,2,3,6,7,8-HXCDF	5.27	U	0.0142	5.27	ng/kg	JBQ	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.27	U	0.0343	5.27	ng/kg	JBQ	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		160851-34-5	2,3,4,6,7,8-HXCDF	5.27	U	0.0154	5.27	ng/kg	JBQ	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.27	U	0.0158	5.27	ng/kg	JB	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		170648-26-9	1,2,3,4,7,8-HXCDF	5.27	U	0.0160	5.27	ng/kg	JBQ	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		172918-21-9	1,2,3,7,8,9-HXCDF	5.27	U	0.0173	5.27	ng/kg	JBQ	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	1613B	6/21/2013	PH055	5.8		1TCDD TEQ	TCDD TEQ	0.068		0	0	ng/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	160.3M	6/18/2013	PH055	5.8		1MOIST	MOISTURE	5.8		0.10	0.10	%				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	9045M	6/13/2013	PH055	5.3		1pH	PH	6.62		0.0100	0.0100	pH unit				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10	J	6.3	19	ug/kg	J	J	Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1117-84-0	Di-n-octylphthalate	40		6.3	19	ug/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		1208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2	10	218-01-9	Chrysene	26		3.4	17	ug/kg				1786232	267383.5	-118.70815
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		150-32-8	BENZO(A)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		183-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		184-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		184-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		185-01-8	PHENANTHRENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		186-73-7	FLUORENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		191-20-3	NAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8270D SIM	6/22/2013	PH055	5.3		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8015M	6/18/2013	PH055	5.3		1PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8015M	6/18/2013	PH055	5.3		1PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8015M	6/18/2013	PH055	5.3		1PHCC21C30	EFH (C21-C30)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8015M	6/18/2013	PH055	5.3		1PHCC30C40	EFH (C30-C40)	11	U	4.2	11	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	8015M	6/18/2013	PH055	5.3		1PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	7471B	6/16/2013	PH055	5.3		17439-97-6	MERCURY	0.0169	U	0.0102	0.0169	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6020A	6/17/2013	PH055	5.3		27440-22-4	SILVER	0.0472	J	0.0207	0.207	mg/kg	J	J	Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6020A	6/17/2013	PH055	5.3		27440-24-6	STRONTIUM	22.8	J	0.0352	0.414	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6020A	6/17/2013	PH055	5.3		27440-28-0	THALLIUM	0.259	J	0.0311	0.207	mg/kg	J		E, Q, A	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG																					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.97	U	0.0277	4.97	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.97	U	0.0296	4.97	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.994	U	0.0275	0.994	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.97	U	0.0169	4.97	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		157117-31-4	2,3,4,7,8-PECDF	4.97	U	0.0188	4.97	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.97	U	0.0199	4.97	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		157117-44-9	1,2,3,6,7,8-HXCDF	4.97	U	0.0174	4.97	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.847	J	0.0302	4.97	ng/kg	JB	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		160851-34-5	2,3,4,6,7,8-HXCDF	4.97	U	0.0171	4.97	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	1.44	J	0.0115	4.97	ng/kg	JB	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		170648-26-9	1,2,3,4,7,8-HXCDF	4.97	U	0.0182	4.97	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		172918-21-9	1,2,3,7,8,9-HXCDF	4.97	U	0.0208	4.97	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	1613B	6/21/2013	PH052	1.7		1TCDD TEQ	TCDD TEQ	0.912		0	0	ng/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/20/2013	PH052	1.7		574400-50-8	COPPER	10.1	UJ	0.906	10.1	mg/kg	U	UJ	Q, E	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17429-90-5	ALUMINUM (FUME OR DUST)	16000		7.77	40.3	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17439-89-6	IRON	19000		3.83	40.3	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17439-92-1	LEAD	5.6		0.473	3.02	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17439-93-2	LITHIUM	16.7		0.55	4.0	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17439-95-4	MAGNESIUM	3460		1.74	10.1	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17439-96-5	MANGANESE	314		0.0836	1.01	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17439-98-7	MOLYBDENUM	2.01	U	0.171	2.01	mg/kg	J	U	F, B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-02-0	NICKEL	11.8		0.111	2.01	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-09-7	POTASSIUM	2710	J	13.6	101	mg/kg		J	Q	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-23-5	SODIUM	106		16.8	101	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-31-5	TIN	10.1	U	0.222	10.1	mg/kg	J	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-32-6	TITANIUM METAL POWDER	1290		0.171	1.01	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-36-0	ANTIMONY	4.03	UJ	0.504	4.03	mg/kg	U	UJ	Q	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-38-2	ARSENIC	4.1		0.332	4.03	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-39-3	BARIUM	96		0.0332	1.01	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-41-7	BERYLLIUM	0.58	J	0.0675	1.01	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-42-8	BORON	4.26	J	0.836	10.1	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-43-9	CADMIUM	0.508	J	0.0332	1.01	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-47-3	CHROMIUM	19.4		0.0886	3.02	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-48-4	COBALT	6.01		0.0906	1.01	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-62-2	VANADIUM (FUME OR DUST)	35.9		0.111	1.01	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-66-6	ZINC	41.9		0.201	4.03	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-67-7	ZIRCONIUM	1.48	J	0.836	5.04	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17440-70-2	CALCIUM METAL	1580		4.05	20.1	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6010C	6/19/2013	PH052	1.7		17723-14-0	PHOSPHORUS	185		0.514	10.1	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6020A	6/19/2013	PH052	1.7		27782-49-2	SELENIUM	0.195	J	0.101	0.403	mg/kg	J	J	Q, E, Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6020A	6/19/2013	PH052	1.7		27440-22-4	SILVER	0.0256	J	0.0201	0.201	mg/kg	J	J	Q, E, Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6020A	6/19/2013	PH052	1.7		27440-24-6	STRONTIUM	24.3	J	0.0342	0.403	mg/kg	J	J	Q, E	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	6020A	6/19/2013	PH052	1.7		27440-28-0	THALLIUM	0.302	J	0.0302	0.201	mg/kg		J	Q, E	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	7471B	6/17/2013	PH052	1.7		17439-97-6	MERCURY	0.0165	U	0.0099	0.0165	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8015M	6/15/2013	PH052	1.7		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786150	267130.4	-118.70841

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17439-93-2	LITHIUM	52.7		0.36	4.2	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17439-95-4	MAGNESIUM	10500		1.77	10.6	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17439-96-5	MANGANESE	618	J	0.0880	1.06	mg/kg	J	E		1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17439-98-7	MOLYBDENUM	2.12	UJ	0.180	2.12	mg/kg	J	UJ	F, FD, B	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-02-0	NICKEL	32.2		0.138	2.12	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-09-7	POTASSIUM	3110	J	8.84	106	mg/kg		J	Q	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-23-5	SODIUM	270		17.7	106	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-31-5	TIN	10.6	U	0.233	10.6	mg/kg	J	U	B	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-32-6	TITANIUM METAL POWDER	1730		0.180	1.06	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-36-0	ANTIMONY	4.24	UJ	0.784	4.24	mg/kg	U	UJ	Q	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-38-2	ARSENIC	12.8		0.742	4.24	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-39-3	BARIUM	171		0.0350	1.06	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-41-7	BERYLLIUM	1.47		0.0710	1.06	mg/kg				1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-0.4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-0.4.0	7096477	LL	6010C	6/27/2013	PH058	6.6		17440-42-8	BORON	10.6	U	0.890	10.6	mg/kg	J	U	B	1786397	267222.9	-118.7076
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8015M	6/25/2013	PH058	1.7		1PHCC21C30	EFH (C21-C30)	14		2.0	5.1	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8015M	6/25/2013	PH058	1.7		1PHCC30C40	EFH (C30-C40)	30		4.1	10	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8015M	6/25/2013	PH058	1.7		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.0	18	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1117-84-0	Di-n-octylphthalate	230		6.0	18	ug/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1129-00-0	PYRENE	2.4		0.67	1.7	ug/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1205-99-2	BENZO(B)FLUORANTHENE	6.1		0.67	1.7	ug/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1206-44-0	FLUORANTHENE	3.2		0.67	1.7	ug/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1207-08-9	BENZO(K)FLUORANTHENE	0.91	J	0.67	1.7	ug/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786618	267304	-118.70687
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1218-01-9	Chrysene	81		0.34	1.7	ug/kg				1785651	267151.3	-118.71006
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		150-32-8	BENZO(A)PYRENE	1.1	J	0.67	1.7	ug/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		184-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		184-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		185-01-8	PHENANTHRENE	1.4	J	0.67	1.7	ug/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		191-20-3	NAPHTHALENE	0.89	J	0.67	1.7	ug/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	9045M	6/18/2013	PH058	1.7		1pH	PH	6.67		0.0100	0.0100	pH unit				1786618	267304	-118.70687
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	160.3M	6/25/2013	PH058	0.91		1MOIST	MOISTURE	0.91		0.10	0.10	%				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7440-47-3	CHROMIUM	21.2		0.155	2.91	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7440-48-4	COBALT	5.3	J	0.0961	0.970	mg/kg		J	E	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7440-50-8	COPPER	9.9	J	0.281	1.94	mg/kg		J	A	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7440-62-2	VANADIUM (FUME OR DUST)	35.7		0.126	0.970	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7440-66-6	ZINC	65.5		0.194	3.88	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7440-67-7	ZIRCONIUM	3.44	J	0.815	4.85	mg/kg	J	J	Z	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7440-70-2	CALCIUM METAL	2490		3.24	19.4	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6010C	6/27/2013	PH058	0.91	1	7723-14-0	PHOSPHORUS	481		2.80	9.70	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6020A	6/27/2013	PH058	0.91	2	7782-49-2	SELENIUM	0.16	J	0.0970	0.388	mg/kg	J	J	Z	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6020A	6/27/2013	PH058	0.91	2	7440-22-4	SILVER	0.0529	J	0.0252	0.194	mg/kg	J	J	Z	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6020A	6/27/2013	PH058	0.91	2	7440-24-6	STRONTIUM	37.9	J	0.0505	0.388	mg/kg		J	Q	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	6020A	6/27/2013	PH058	0.91	2	7440-28-0	THALLIUM	0.405		0.0291	0.194	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	7471B	6/28/2013	PH058	0.91	1	7439-97-6	MERCURY	0.0155	J	0.0098	0.0164	mg/kg	J	J	Z	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8015M	6/25/2013	PH058	0.91	1	PHCC12C14	EFH (C12-C14)	5	U	2.0	5.0	mg/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8015M	6/25/2013	PH058	0.91	1	PHCC15C20	EFH (C15-C20)	5	U	2.0	5.0	mg/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8015M	6/25/2013	PH058	0.91	1	PHCC21C30	EFH (C21-C30)	9.8		2.0	5.0	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8015M	6/25/2013	PH058	0.91	1	PHCC30C40	EFH (C30-C40)	29		4.0	10	mg/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8015M	6/25/2013	PH058	0.91	1	PHCC8C11	EFH (C8-C11)	5	U	2.0	5.0	mg/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.0	18	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	117-84-0	Di-n-octylphtthalate	18	U	6.0	18	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	120-12-7	ANTHRACENE	1.7	U	0.33	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	129-00-0	PYRENE	1.9		0.67	1.7	ug/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	192-97-2	Benzo(e)pyrene	17	U	3.3	17	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	205-99-2	BENZO(B)FLUORANTHENE	2.8		0.67	1.7	ug/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	206-44-0	FLUORANTHENE	1.8		0.67	1.7	ug/kg				1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	208-96-8	ACENAPHTHYLENE	1.7	U	0.33	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8270D SIM	11/25/2013	PH128	2.9	1	218-01-9	Chrysene	0.61	J	0.34	1.7	ug/kg	J	J	Z	1785719	267118	-118.70984
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	50-32-8	BENZO(A)PYRENE	0.97	J	0.67	1.7	ug/kg	J	J	Z	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	56-55-3	BENZO(A)ANTHRACENE	0.81	J	0.67	1.7	ug/kg	J	J	Z	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	83-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	84-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	84-74-2	Di-n-butylphtthalate	18	U	6.0	18	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	85-01-8	PHENANTHRENE	0.75	J	0.67	1.7	ug/kg	J	J	Z	1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	86-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	91-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91	1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786571	267216.5	-118.70702
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	9045M	6/18/2013	PH058	0.91	1	pH	PH	6.41		0.0100	0.0100	pH unit				1786571	267216.5	-118.70702
SL-854-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097885	LL	160.3M	6/25/2013	PH059	2.7	1	MOIST												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	6010C	6/4/2013	PH042	4.3		1 7440-67-7	ZIRCONIUM	3.67	J	0.859	5.17	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	6010C	6/4/2013	PH042	4.3		1 7440-70-2	CALCIUM METAL	1820	J	4.16	20.7	mg/kg		J	Q	1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	6010C	6/4/2013	PH042	4.3		1 7723-14-0	PHOSPHORUS	144	J	0.528	10.3	mg/kg		J	Q	1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	6020A	6/9/2013	PH042	4.3		2 7440-24-6	STRONTIUM	17.3	J	0.0352	0.414	mg/kg		J	Q	1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	6020A	6/4/2013	PH042	4.3		2 7782-49-2	SELENIUM	0.414	U	0.103	0.414	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	6020A	6/4/2013	PH042	4.3		2 7440-22-4	SILVER	0.0626	J	0.0207	0.207	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	6020A	6/4/2013	PH042	4.3		2 7440-28-0	THALLIUM	0.265		0.0310	0.207	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	7471B	6/4/2013	PH042	4.3		1 7439-97-6	MERCURY	0.0168	U	0.0101	0.0168	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8015M	6/4/2013	PH042	4.3	24.18	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8015M	6/4/2013	PH042	4.3		1 PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8015M	6/4/2013	PH042	4.3		1 PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8015M	6/4/2013	PH042	4.3		1 PHCC21C30	EFH (C21-C30)	3.7	J	2.1	5.2	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8015M	6/4/2013	PH042	4.3		1 PHCC30C40	EFH (C30-C40)	10		4.2	10	mg/kg	J			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8015M	6/4/2013	PH042	4.3		1 PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 129-00-0	PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 206-44-0	FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 50-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 83-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 85-01-8	PHENANTHRENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 86-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 91-20-3	NAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	8270D SIM	6/10/2013	PH042	4.3		1 91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-4.5-5.5	5/29/2013	N	4.5	5.5	ft	SO	5A DG		7075249	LL	9045M	5/30/2013	PH042	4.3		1 pH	PH	6.91		0.0100	0.0100	pH unit				1786774	267119.7	-118.70635
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	160.3M	6/4/2013	PH042	1.5		1 MOIST	MOISTURE	1.5		0.10	0.10	%				1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	1613B	6/5/2013	PH042	1.5		1 1746-01-6	2,3,7,8-TCDD	0.988	U	0.0442	0.988	ng/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	1613B	6/5/2013	PH042	1.5		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.58	J	0.0852	4.94	ng/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	1613B	6/5/2013	PH042	1.5		1 3268-87-9	OCDD	462		0.0680	9.88	ng/kg	B			1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG																					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6010C	6/4/2013	PH042	1.5		1	7440-62-2	VANADIUM (FUME OR DUST)	33.7		0.109	0.995	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6010C	6/4/2013	PH042	1.5		1	7440-66-6	ZINC	52.6		0.199	3.98	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6010C	6/4/2013	PH042	1.5		1	7440-67-7	ZIRCONIUM	3.29	J	0.826	4.98	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6010C	6/4/2013	PH042	1.5		1	7440-70-2	CALCIUM METAL	1850	J	4.00	19.9	mg/kg		J	Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6010C	6/4/2013	PH042	1.5		1	7723-14-0	PHOSPHORUS	365	J	0.508	9.95	mg/kg		J	Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6020A	6/9/2013	PH042	1.5		2	7440-24-6	STRONTIUM	20	J	0.0338	0.398	mg/kg		J	Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6020A	6/4/2013	PH042	1.5		2	7782-49-2	SELENIUM	0.144	J	0.0995	0.398	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	6020A	6/4/2013	PH042	1.5		2	7440-22-4	SILVER	0.0415	J	0.0199	0.199	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7439-98-7	MOLYBDENUM	2.19	U	0.186	2.19	mg/kg	J	U	F	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-02-0	NICKEL	18.6		0.120	2.19	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-09-7	POTASSIUM	1040	J	14.8	110	mg/kg		J	Q	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-23-5	SODIUM	219		18.3	110	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-31-5	TIN	11	U	0.241	11.0	mg/kg	J	U	B	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-32-6	TITANIUM METAL POWDER	1110		0.186	1.10	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-36-0	ANTIMONY	4.38	UJ	0.548	4.38	mg/kg	J	UJ	B, Q	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-38-2	ARSENIC	4.64		0.361	4.38	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-39-3	BARIUM	115		0.0361	1.10	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-41-7	BERYLLIUM	1.19		0.0734	1.10	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-42-8	BORON	11	U	0.909	11.0	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-43-9	CADMIUM	0.0427	J	0.0361	1.10	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-47-3	CHROMIUM	38.6		0.0964	3.29	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-48-4	COBALT	4.74	J	0.0986	1.10	mg/kg		J	E	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-50-8	COPPER	22.8		0.197	2.19	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-62-2	VANADIUM (FUME OR DUST)	72.6		0.120	1.10	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-66-6	ZINC	49.4		0.219	4.38	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-67-7	ZIRCONIUM	5.99		0.909	5.48	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7440-70-2	CALCIUM METAL	3430		4.40	21.9	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7723-14-0	PHOSPHORUS	182		0.559	11.0	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		5	7439-89-6	IRON	39700		20.8	219	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6020A	6/11/2013	PH043	10.5		2	7782-49-2	SELENIUM	0.225	J	0.110	0.438	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6020A	6/11/2013	PH043	10.5		2	7440-22-4	SILVER	0.174	J	0.0219	0.219	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6020A	6/11/2013	PH043	10.5		2	7440-24-6	STRONTIUM	44.7		0.0372	0.438	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6020A	6/11/2013	PH043	10.5		2	7440-28-0	THALLIUM	0.293		0.0329	0.219	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	7471B	6/7/2013	PH043	10.5		1	7439-97-6	MERCURY	0.0304		0.0108	0.0180	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8015M	6/6/2013	PH043	10.5		1	PHCC12C14	EFH (C12-C14)	5.6	U	2.2	5.6	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8015M	6/6/2013	PH043	10.5		1	PHCC15C20	EFH (C15-C20)	5.6	U	2.2	5.6	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8015M	6/6/2013	PH043	10.5		1	PHCC21C30	EFH (C21-C30)	2.5	J	2.2	5.6	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8015M	6/6/2013	PH043	10.5		1	PHCC30C40	EFH (C30-C40)	4.9	J	4.5	11	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8015M	6/6/2013	PH043	10.5		1	PHCC8C11	EFH (C8-C11)	5.6	U	2.2	5.6	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8015M	6/5/2013	PH043	10.5	24.13	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786524	266889.1	-118.70717	
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8270D SIM	6/10/2013	PH043	10.5		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.7	20	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8270D SIM	6/10/2013	PH043	10.5		1	117-84-0	Di-n-octylphthalate	20	U	6.7	20	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8270D SIM	6/10/2013	PH043	10.5		1	120-12-7	ANTHRACENE	1.9	U	0.37	1.9	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8270D SIM	6/10/2013	PH043	10.5		1	129-00-0	PYRENE	1.9	U	0.74	1.9	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	8270D SIM	6/10/2013	PH043	10.5		1	131-11-3	DIMETHYL PHTHALATE	20	U	6.7	20	ug/kg	U					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	1613B	6/6/2013	PH043	1.9		160851-34-5	2,3,4,6,7,8-HXCDF	0.274	J	0.0491	4.98	ng/kg	JB	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	1613B	6/6/2013	PH043	1.9		167562-39-4	1,2,3,4,6,7,8-HPCDF	4.16	J	0.0285	4.98	ng/kg	JB	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	1613B	6/6/2013	PH043	1.9		170648-26-9	1,2,3,4,7,8-HXCDF	0.273	J	0.0516	4.98	ng/kg	JBQ	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	1613B	6/6/2013	PH043	1.9		172918-21-9	1,2,3,7,8,9-HXCDF	0.232	J	0.0565	4.98	ng/kg	JBQ	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	1613B	6/6/2013	PH043	1.9		17CDD TEQ	TCDD TEQ	0.432		0	0	ng/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17429-90-5	ALUMINUM (FUME OR DUST)	12700		7.63	39.6	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17439-89-6	IRON	16300		3.76	39.6	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17439-92-1	LEAD	7.05		0.465	2.97	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17439-93-2	LITHIUM	17		0.54	4.0	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17439-95-4	MAGNESIUM	3140		1.71	9.90	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17439-96-5	MANGANESE	292	J	0.0821	0.990	mg/kg		J	E	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17439-98-7	MOLYBDENUM	1.98	U	0.168	1.98	mg/kg	J	U	F	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-02-0	NICKEL	10.2		0.109	1.98	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-09-7	POTASSIUM	3150	J	13.4	99.0	mg/kg		J	Q	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-23-5	SODIUM	69.4	J	16.5	99.0	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-31-5	TIN	9.9	U	0.218	9.90	mg/kg	J	U	B	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-32-6	TITANIUM METAL POWDER	999		0.168	0.990	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-36-0	ANTIMONY	3.96	UJ	0.495	3.96	mg/kg	J	UJ	B, Q	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-38-2	ARSENIC	4.33		0.327	3.96	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-39-3	BARIUM	89		0.0327	0.990	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-41-7	BERYLLIUM	0.516	J	0.0663	0.990	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-42-8	BORON	2.49	J	0.821	9.90	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-43-9	CADMIUM	0.269	J	0.0327	0.990	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-47-3	CHROMIUM	16.7		0.0871	2.97	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-48-4	COBALT	4.91	J	0.0891	0.990	mg/kg		J	E	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-50-8	COPPER	8.83		0.178	1.98	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-62-2	VANADIUM (FUME OR DUST)	28.8		0.109	0.990	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-66-6	ZINC	46.2		0.198	3.96	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-67-7	ZIRCONIUM	3.36	J	0.821	4.95	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17440-70-2	CALCIUM METAL	1820		3.98	19.8	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6010C	6/6/2013	PH043	1.9		17723-14-0	PHOSPHORUS	357		0.505	9.90	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6020A	6/11/2013	PH043	1.9		27782-49-2	SELENIUM	0.0998	J	0.0990	0.396	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6020A	6/11/2013	PH043	1.9		27440-22-4	SILVER	0.0443	J	0.0198	0.198	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6020A	6/11/2013	PH043	1.9		27440-24-6	STRONTIUM	18.3		0.0336	0.396	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	6020A	6/11/2013	PH043	1.9		27440-28-0	THALLIUM	0.217		0.0297	0.198	mg/kg				1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	7471B	6/7/2013	PH043	1.9		17439-97-6	MERCURY	0.0165	U	0.0099	0.0165	mg/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8015M	6/6/2013	PH043	1.9		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8015M	6/6/2013	PH043	1.9		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8015M	6/6/2013	PH043	1.9		1PHCC21C30	EFH (C21-C30)	4.3	J	2.0	5.1	mg/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8015M	6/6/2013	PH043	1.9		1PHCC30C40	EFH (C30-C40)	10		4.1	10	mg/kg	J			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8015M	6/6/2013	PH043	1.9		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		1117-84-0	Di-n-octylphtalate	18	U	6.1	18	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		1129-00-0	PYRENE	1.1	J	0.68	1.7	ug/kg	J	J	Z	1786598	266989.8	-118.70693
SL-833-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076743	LL	8270D SIM	6/10/2013	PH043	1.9		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786598		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17429-90-5	ALUMINUM (FUME OR DUST)	37300		8.19	42.5	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17439-92-1	LEAD	12.7		0.499	3.19	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17439-93-2	LITHIUM	34.3		0.58	4.2	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17439-95-4	MAGNESIUM	5910		1.84	10.6	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17439-96-5	MANGANESE	520		0.0882	1.06	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17439-98-7	MOLYBDENUM	2.12	U	0.181	2.12	mg/kg	J	U	F, B	1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-02-0	NICKEL	19.1		0.117	2.12	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-09-7	POTASSIUM	2380		14.3	106	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-23-5	SODIUM	758		17.7	106	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-31-5	TIN	10.6	U	0.234	10.6	mg/kg	J	U	B	1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-32-6	TITANIUM METAL POWDER	1580		0.181	1.06	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-36-0	ANTIMONY	4.25	U	0.531	4.25	mg/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-38-2	ARSENIC	7.88		0.351	4.25	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-39-3	BARIUM	136		0.0351	1.06	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-41-7	BERYLLIUM	1.42		0.0712	1.06	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-42-8	BORON	10.6	U	0.882	10.6	mg/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-43-9	CADMIUM	1.06	U	0.0351	1.06	mg/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-47-3	CHROMIUM	34.8		0.0935	3.19	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-48-4	COBALT	13.4		0.0956	1.06	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-62-2	VANADIUM (FUME OR DUST)	67.7		0.117	1.06	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-66-6	ZINC	54.1		0.212	4.25	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17440-67-7	ZIRCONIUM	2.18	J	0.882	5.31	mg/kg	J	J	Z	1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6010C	6/12/2013	PH047	8.6		17723-14-0	PHOSPHORUS	224		0.542	10.6	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6020A	6/11/2013	PH047	8.6		27782-49-2	SELENIUM	0.537		0.106	0.425	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6020A	6/11/2013	PH047	8.6		27440-22-4	SILVER	0.0763	J	0.0212	0.212	mg/kg	J	J	Z	1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6020A	6/11/2013	PH047	8.6		27440-24-6	STRONTIUM	24.4		0.0361	0.425	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	6020A	6/11/2013	PH047	8.6		27440-28-0	THALLIUM	0.346		0.0319	0.212	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	7471B	6/11/2013	PH047	8.6		17439-97-6	MERCURY	0.025		0.0104	0.0173	mg/kg				1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8015M	6/13/2013	PH047	8.6		1PHCC12C14	EFH (C12-C14)	5.5	U	2.2	5.5	mg/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8015M	6/13/2013	PH047	8.6		1PHCC15C20	EFH (C15-C20)	3.1	J	2.2	5.5	mg/kg	J	J	Q, Z	1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8015M	6/13/2013	PH047	8.6		1PHCC21C30	EFH (C21-C30)	5.5	U	2.2	5.5	mg/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8015M	6/13/2013	PH047	8.6		1PHCC30C40	EFH (C30-C40)	11	U	4.4	11	mg/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8015M	6/13/2013	PH047	8.6		1PHCC8C11	EFH (C8-C11)	5.5	U	2.2	5.5	mg/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.6	20	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1117-84-0	Di-n-octylphtthalate	20	U	6.6	20	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1120-12-7	ANTHRACENE	0.96	J	0.36	1.8	ug/kg	J	J	Z	1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1129-00-0	PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1192-97-2	Benzo(e)pyrene	19	U	3.6	19	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786049	267084.6	-118.70875
SL-772-SA5A-SB-0.0-0.5	6/4/2013	N	0	0.5	ft	SO	5A DG		7083688	LL	8270D SIM	6/14/2013	PH047	8.6		1208-96-8	ACENAPHTHYLENE	0.97	J	0.36	1.8	ug/kg	J	J	Z	1786049	267084.6	-118.70875
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-772-SA5A-SB-0.0-0.5	6/4/2																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	6010C	6/12/2013	PH047	1.2		17439-89-6	IRON	23200		3.73	39.3	mg/kg				1786319	266874.8	-118.70785
SL-811-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083690	LL	6010C	6/12/2013	PH047	1.2		17439-92-1	LEAD	9.59		0.462	2.95	mg/kg				1786319	266874.8	-118.70785
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	160.3M	6/25/2013	PH057	0.74		17439-92-1	MOIST	0.74		0.10	0.10	%				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		1746-01-6	2,3,7,8-TCDD	0.995	U	0.0426	0.995	ng/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.514	J	0.0538	4.97	ng/kg	JBQ	J	Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		13268-87-9	OCDD	88.1		0.0538	9.95	ng/kg	B			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.88		0.0530	4.97	ng/kg	B			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		139001-02-0	OCDF	2.05	J	0.0566	9.95	ng/kg	JB	J	FD, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.97	U	0.0513	4.97	ng/kg	JB	U	B	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.97	U	0.0604	4.97	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.995	UJ	0.0540	0.995	ng/kg	JBQ	UJ	B, FD	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.97	U	0.0375	4.97	ng/kg	JB	U	B	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		157117-31-4	2,3,4,7,8-PECDF	4.97	U	0.0396	4.97	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.97	U	0.0413	4.97	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		157117-44-9	1,2,3,6,7,8-HXCDF	0.196	J	0.0353	4.97	ng/kg	JBQ	J	Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.447	J	0.0558	4.97	ng/kg	JB	J	Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		160851-34-5	2,3,4,6,7,8-HXCDF	0.182	J	0.0337	4.97	ng/kg	JB	J	Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.891	J	0.0228	4.97	ng/kg	JB	J	Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		170648-26-9	1,2,3,4,7,8-HXCDF	4.97	U	0.0407	4.97	ng/kg	JB	U	B	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		172918-21-9	1,2,3,7,8,9-HXCDF	0.279	J	0.0464	4.97	ng/kg	JBQ	J	Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	1613B	6/26/2013	PH057	0.74		17439-92-1	LEAD	8.94	J	0.484	2.91	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17439-93-2	LITHIUM	21.8	J	0.33	3.9	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17439-95-4	MAGNESIUM	4390	J	1.62	9.69	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17439-96-5	MANGANESE	337	J	0.0804	0.969	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17439-98-7	MOLYBDENUM	1.94	UJ	0.165	1.94	mg/kg	J		F, FD, B, Q	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-02-0	NICKEL	13.4	J	0.126	1.94	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-09-7	POTASSIUM	3890	J	8.08	96.9	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-23-5	SODIUM	82.5	J	16.2	96.9	mg/kg	J	J	Q, E, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-31-5	TIN	9.69	UJ	0.213	9.69	mg/kg	J	UJ	B, Q	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-32-6	TITANIUM METAL POWDER	1160	J	0.165	0.969	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-36-0	ANTIMONY	3.87	UJ	0.717	3.87	mg/kg	U	UJ	Q	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-38-2	ARSENIC	2.86	J	0.678	3.87	mg/kg	J	J	Q, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-39-3	BARIUM	107	J	0.0320	0.969	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-41-7	BERYLLIUM	0.591	J	0.0649	0.969	mg/kg	J	J	Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-42-8	BORON	4.03	J	0.814	9.69	mg/kg	J	J	Q, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-43-9	CADMIUM	0.969	UJ	0.0736	0.969	mg/kg	U	UJ	Q	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-47-3	CHROMIUM	22.4	J	0.155	2.91	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-48-4	COBALT	5.64	J	0.0959	0.969	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-50-8	COPPER	11	J	0.281	1.94	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-62-2	VANADIUM (FUME OR DUST)	38.5	J	0.126	0.969	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	6010C	6/27/2013	PH057	0.74		17440-66-6	ZINC	60.4	J	0.194	3.87	mg/kg				1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL																		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		1218-01-9	Chrysene	1	J	0.33	1.7	ug/kg	J	J	FD, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		150-32-8	BENZO(A)PYRENE	0.78	J	0.66	1.7	ug/kg	J	J	FD, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.66	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		156-55-3	BENZO(A)ANTHRACENE	1.7	UJ	0.66	1.7	ug/kg	U	UJ	FD	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.66	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		183-32-9	ACENAPHTHENE	1.7	U	0.66	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		184-66-2	DIETHYL PHTHALATE	18	U	5.9	18	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		184-74-2	Di-n-butylphthalate	18	U	5.9	18	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		185-01-8	PHENANTHRENE	0.67	J	0.66	1.7	ug/kg	J	J	FD, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		185-68-7	BENZYL BUTYL PHTHALATE	6.2	J	5.9	18	ug/kg	J	J	FD, Z	1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		186-73-7	FLUORENE	1.7	U	0.66	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.66	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		191-20-3	NAPHTHALENE	1.7	U	0.66	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	8270D SIM	6/23/2013	PH057	0.74		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.66	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-1252-SA5A-SB-0.0-0.5	6/14/2013	FD	0	0.5	ft	SO	5A DG	SL-852-SA5A-SB-0.0-0.5	7094793	LL	9045M	6/15/2013	PH057	0.74		1pH	PH	6.03		0.0100	0.0100	pH unit				1786856	267386.7	-118.70608
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	160.3M	6/25/2013	PH057	1.7		1MOIST	MOISTURE	1.7		0.10	0.10	%				1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		11746-01-6	2,3,7,8-TCDD	1	U	0.0369	1.00	ng/kg	U			1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.365	J	0.0468	5.02	ng/kg	JB	J	Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		13268-87-9	OCDD	89.8		0.0532	10.0	ng/kg	B			1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	6.93		0.0493	5.02	ng/kg	B			1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		139001-02-0	OCDF	7.65	J	0.0504	10.0	ng/kg	JB	J	Z	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.02	U	0.0487	5.02	ng/kg	JBQ	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.02	U	0.0505	5.02	ng/kg	JBQ	U	B	1786944	267277.7	-118.70579
SL-850-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094786	LL	1613B	6/26/2013	PH057	1.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1	U	0.0327	1.00	ng/kg	U			1786944	267277.7	-118.70579
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		11746-01-6	2,3,7,8-TCDD	0.19	J	0.0285	0.993	ng/kg	JQ	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.78	J	0.0401	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		13268-87-9	OCDD	2940		0.0645	9.93	ng/kg	B			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	167		0.107	4.97	ng/kg	B			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		139001-02-0	OCDF	89.9		0.0251	9.93	ng/kg	B			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	2.12	J	0.0405	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	1.29	J	0.0413	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.225	J	0.0353	0.993	ng/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		155673-89-7	1,2,3,4,7,8,9-HPCDF	1.3	J	0.0296	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		157117-31-4	2,3,4,7,8-PECDF	0.461	J	0.0217	4.97	ng/kg	JBQ	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.468	J	0.0234	4.97	ng/kg	JBQ	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		157117-44-9	1,2,3,6,7,8-HXCDF	0.503	J	0.0243	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.78		0.0433	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		160851-34-5	2,3,4,6,7,8-HXCDF	0.686	J	0.0234	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		167562-39-4	1,2,3,4,6,7,8-HPCDF	17		0.0240	4.97	ng/kg	B			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		170648-26-9	1,2,3,4,7,8-HXCDF	0.721	J	0.0241	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		172918-21-9	1,2,3,7,8,9-HXCDF	0.422	J	0.0267	4.97	ng/kg	JB	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	1613B	6/24/2013	PH056	1		1TCDD TEQ	TCDD TEQ	5.58		0	0	ng/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	6010C	6/18/2013	PH056	1		17429-90-5	ALUMINUM (FUME OR DUST)	14200		7.71	40.0	mg/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG	</																				

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		111104-28-2	Aroclor 1221	17	U	5.1	17	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		111126-42-4	Aroclor 5460	33	U	10	33	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		111141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8082A	6/26/2013	PH056	1		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	41		6.0	18	ug/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1117-84-0	Di-n-octylphthalate	66		6.0	18	ug/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1120-12-7	ANTHRACENE	0.41	J	0.33	1.7	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1129-00-0	PYRENE	2.2		0.66	1.7	ug/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1191-24-2	BENZO(G,H,I)PERYLENE	0.98	J	0.66	1.7	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1192-97-2	Benzo(e)pyrene	17	U	3.3	17	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1193-39-5	INDENO(1,2,3-CD)PYRENE	0.88	J	0.66	1.7	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1205-99-2	BENZO(B)FLUORANTHENE	3		0.66	1.7	ug/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1206-44-0	FLUORANTHENE	2.6		0.66	1.7	ug/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1207-08-9	BENZO(K)FLUORANTHENE	0.93	J	0.66	1.7	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.33	1.7	ug/kg	U			1786148	266847.3	-118.70841
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		1218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		150-32-8	BENZO(A)PYRENE	1.1	J	0.66	1.7	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.66	1.7	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		156-55-3	BENZO(A)ANTHRACENE	0.88	J	0.66	1.7	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.66	1.7	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		183-32-9	ACENAPHTHENE	1.7	U	0.66	1.7	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		184-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		184-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		185-01-8	PHENANTHRENE	2.2		0.66	1.7	ug/kg				1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		185-68-7	BENZYL BUTYL PHTHALATE	6.9	J	6.0	18	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		186-73-7	FLUORENE	1.7	U	0.66	1.7	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.66	1.7	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		191-20-3	NAPHTHALENE	1.7	U	0.66	1.7	ug/kg	U			1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		191-57-6	2-METHYLNAPHTHALENE	0.7	J	0.66	1.7	ug/kg	J	J	Z	1786148	266847.3	-118.70841
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	9045M	6/14/2013	PH056	1		1pH	PH	6.36		0.0100	0.0100	pH unit				1786148	266847.3	-118.70841
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	160.3M	6/18/2013	PH056	2.6		1MOIST	MOISTURE	2.6		0.10	0.10	%				1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/25/2013	PH056	2.6	10	3268-87-9	OCDD	22100		0.110	10.2	ng/kg	B			1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		11746-01-6	2,3,7,8-TCDD	1.14		0.0431	1.02	ng/kg				1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	39		0.0704	5.09	ng/kg	B			1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	955		0.213	5.09	ng/kg	B			1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		139001-02-0	OCDF	173		0.0420	10.2	ng/kg	B			1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	16.3		0.0674	5.09	ng/kg	B			1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	9.96		0.0927	5.09	ng/kg	B			1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.227	J	0.0425	1.02	ng/kg	JQ	J	Z	1786135	266779.2	-118.70846
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	1613B	6/24/2013	PH056	2.6		155673-89-7	1,2,3,4,7,8,9-HPCDF	2.07	J	0.0348	5.09							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.03	U	0.0270	5.03	ng/kg	JB	U	B	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		157117-44-9	1,2,3,6,7,8-HXCDF	5.03	U	0.0230	5.03	ng/kg	JB	U	B	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	2.37	J	0.0443	5.03	ng/kg	JB	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		160851-34-5	2,3,4,6,7,8-HXCDF	5.03	U	0.0245	5.03	ng/kg	JB	U	B	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	8.12		0.0191	5.03	ng/kg	B			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		170648-26-9	1,2,3,4,7,8-HXCDF	5.03	U	0.0243	5.03	ng/kg	JB	U	B	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		172918-21-9	1,2,3,7,8,9-HXCDF	5.03	U	0.0269	5.03	ng/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	1613B	6/20/2013	PH052	1.7		1TCDD TEQ	TCDD TEQ	2.32		0	0	ng/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/21/2013	PH052	1.7	10	7440-50-8	COPPER	19.9	UJ	1.80	19.9	mg/kg	U	UJ	Q, E	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17429-90-5	ALUMINUM (FUME OR DUST)	18900		7.69	39.9	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17439-89-6	IRON	20900		3.79	39.9	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17439-92-1	LEAD	12.7		0.469	2.99	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17439-93-2	LITHIUM	19.1		0.55	4.0	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17439-95-4	MAGNESIUM	3720		1.73	9.97	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17439-96-5	MANGANESE	291		0.0828	0.997	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17439-98-7	MOLYBDENUM	1.99	U	0.170	1.99	mg/kg	J	U	F, B	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-02-0	NICKEL	12.6		0.110	1.99	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-09-7	POTASSIUM	2180	J	13.5	99.7	mg/kg		J	Q	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-23-5	SODIUM	180		16.7	99.7	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-31-5	TIN	9.97	U	0.219	9.97	mg/kg	J	U	B	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-32-6	TITANIUM METAL POWDER	1340		0.170	0.997	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-36-0	ANTIMONY	3.99	UJ	0.499	3.99	mg/kg	U	UJ	Q	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-38-2	ARSENIC	3.84	J	0.329	3.99	mg/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-39-3	BARIUM	94.4		0.0329	0.997	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-41-7	BERYLLIUM	0.675	J	0.0668	0.997	mg/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-42-8	BORON	4.57	J	0.828	9.97	mg/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-43-9	CADMIUM	0.529	J	0.0329	0.997	mg/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-47-3	CHROMIUM	21.4		0.0878	2.99	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-48-4	COBALT	6.44		0.0898	0.997	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-62-2	VANADIUM (FUME OR DUST)	39.5		0.110	0.997	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-66-6	ZINC	40.5		0.199	3.99	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-67-7	ZIRCONIUM	2.35	J	0.828	4.99	mg/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17440-70-2	CALCIUM METAL	1700		4.01	19.9	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6010C	6/19/2013	PH052	1.7		17723-14-0	PHOSPHORUS	187		0.509	9.97	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6020A	6/19/2013	PH052	1.7	2	7782-49-2	SELENIUM	0.186	J	0.0997	0.399	mg/kg	J	J	Q, E, Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6020A	6/19/2013	PH052	1.7	2	7440-22-4	SILVER	0.0674	J	0.0199	0.199	mg/kg	J	J	Q, E, Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6020A	6/19/2013	PH052	1.7	2	7440-24-6	STRONTIUM	20.5	J	0.0339	0.399	mg/kg		J	Q, E	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	6020A	6/19/2013	PH052	1.7	2	7440-28-0	THALLIUM	0.321	J	0.0299	0.199	mg/kg		J	Q, E	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	7471B	6/17/2013	PH052	1.7		17439-97-6	MERCURY	0.0187		0.0100	0.0167	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8015M	6/15/2013	PH052	1.7		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8015M	6/15/2013	PH052	1.7		1PHCC15C20	EFH (C15-C20)	9.8		2.0	5.1	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8015M	6/15/2013	PH052	1.7		1PHCC21C30	EFH (C21-C30)	38		2.0	5.1	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8015M	6/15/2013	PH052	1.7		1PHCC30C40	EFH (C30-C40)	28		4.1	10	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8015M	6/15/2013	PH052	1.7		1PHCC8C11	EFH (C8-C11)	17		2.0	5.1	mg/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8081B	6/20/2013	PH052	1.7		11024-57-3	HEPTACHLOR EPOXIDE	0.84	U	0.17	0.84	ug/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8081B	6/20																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		184-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		184-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		185-01-8	PHENANTHRENE	5.3		0.67	1.7	ug/kg				1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		190-12-0	1-METHYLNAPHTHALENE	0.69	J	0.67	1.7	ug/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		191-20-3	NAPHTHALENE	1.2	J	0.67	1.7	ug/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		191-57-6	2-METHYLNAPHTHALENE	0.97	J	0.67	1.7	ug/kg	J	J	Z	1786077	267113.1	-118.70865
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	9045M	6/11/2013	PH052	1.7		1pH	PH	6.68		0.0100	0.0100	pH unit				1786077	267113.1	-118.70865
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	160.3M	6/13/2013	PH052	2		1MOIST	MOISTURE	2		0.10	0.10	%				1786117	267076.6	-118.70852
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		185-68-7	BENZYL BUTYL PHTHALATE	68		6.2	19	ug/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8015M	6/18/2013	PH055	4.1		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8015M	6/18/2013	PH055	4.1		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8015M	6/18/2013	PH055	4.1		1PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8015M	6/18/2013	PH055	4.1		1PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8015M	6/18/2013	PH055	4.1		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	7471B	6/16/2013	PH055	4.1		17439-97-6	MERCURY	0.0166	U	0.0099	0.0166	mg/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6020A	6/17/2013	PH055	4.1		27440-22-4	SILVER	0.0273	J	0.0204	0.204	mg/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6020A	6/17/2013	PH055	4.1		27440-24-6	STRONTIUM	25.8	J	0.0348	0.409	mg/kg	J		E, Q, A	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6020A	6/17/2013	PH055	4.1		27440-28-0	THALLIUM	0.298	J	0.0307	0.204	mg/kg	J		Q	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6020A	6/17/2013	PH055	4.1		27782-49-2	SELENIUM	0.173	J	0.102	0.409	mg/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17429-90-5	ALUMINUM (FUME OR DUST)	16400		7.88	40.9	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17439-89-6	IRON	19300		3.88	40.9	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17439-92-1	LEAD	5.8		0.480	3.07	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17439-93-2	LITHIUM	20.7		0.56	4.1	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17439-95-4	MAGNESIUM	3720		1.77	10.2	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17439-96-5	MANGANESE	279		0.0849	1.02	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17439-98-7	MOLYBDENUM	2.04	U	0.174	2.04	mg/kg	J	U	F, B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-02-0	NICKEL	11.1		0.112	2.04	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-09-7	POTASSIUM	2260		13.8	102	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-23-5	SODIUM	129		17.1	102	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-32-6	TITANIUM METAL POWDER	1120		0.174	1.02	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-36-0	ANTIMONY	4.09	UJ	0.511	4.09	mg/kg	U	UJ	Q	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-38-2	ARSENIC	5.65		0.337	4.09	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-39-3	BARIUM	98.2		0.0337	1.02	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	6010C	6/17/2013	PH055	4.1		17440-41-7	BERYLLIUM	0.768	J	0.0685	1.02	mg/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17439-95-4	MAGNESIUM	3820		1.73	10.0	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17439-96-5	MANGANESE	275		0.0830	1.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17439-98-7	MOLYBDENUM	2	UJ	0.170	2.00	mg/kg	J	UJ	F, FD, B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-02-0	NICKEL	14.2		0.110	2.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-09-7	POTASSIUM	2170	J	13.5	100	mg/kg		J	Q	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-23-5	SODIUM	99.1	J	16.7	100	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-31-5	TIN	10	U	0.220	10.0	mg/kg	J	U	B	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-32-6	TITANIUM METAL POWDER	1310		0.170	1.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-36-0	ANTIMONY	4	UJ	0.500	4.00	mg/kg	U	UJ	Q	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-38-2	ARSENIC	4.42		0.330	4.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-39-3	BARIUM	108		0.0330	1.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-41-7	BERYLLIUM	0.812	J	0.0670	1.00	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-42-8	BORON	4.91	J	0.830	10.0	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-43-9	CADMIUM	0.511	J	0.0330	1.00	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-47-3	CHROMIUM	22.1		0.0880	3.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-48-4	COBALT	6.52		0.0900	1.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-62-2	VANADIUM (FUME OR DUST)	41.3		0.110	1.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-66-6	ZINC	42.4		0.200	4.00	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-67-7	ZIRCONIUM	2.25	J	0.830	5.00	mg/kg	J	J	FD, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17440-70-2	CALCIUM METAL	1800		4.02	20.0	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6010C	6/19/2013	PH052	2		17723-14-0	PHOSPHORUS	217		0.510	10.0	mg/kg				1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6020A	6/19/2013	PH052	2		27782-49-2	SELENIUM	0.156	J	0.100	0.400	mg/kg	J	J	Q, E, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6020A	6/19/2013	PH052	2		27440-22-4	SILVER	0.0444	J	0.0200	0.200	mg/kg	J	J	Q, E, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6020A	6/19/2013	PH052	2		27440-24-6	STRONTIUM	22.6	J	0.0340	0.400	mg/kg		J	Q, E	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	6020A	6/19/2013	PH052	2		27440-28-0	THALLIUM	0.261	J	0.0300	0.200	mg/kg		J	Q, E	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	7471B	6/17/2013	PH052	2		17439-97-6	MERCURY	0.0125	J	0.0099	0.0164	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8015M	6/15/2013	PH052	2		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8015M	6/15/2013	PH052	2		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8015M	6/15/2013	PH052	2		1PHCC21C30	EFH (C21-C30)	3	J	2.0	5.1	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8015M	6/15/2013	PH052	2		1PHCC30C40	EFH (C30-C40)	6.8	J	4.1	10	mg/kg	J	J	FD, Z	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8015M	6/15/2013	PH052	2		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		11024-57-3	HEPTACHLOR EPOXIDE	0.85	U	0.17	0.85	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		11031-07-8	ENDOSULFAN SULFATE	1.7	U	0.34	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		12385-85-5	MIREX	1.7	U	0.36	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		1309-00-2	ALDRIN	0.85	U	0.17	0.85	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		1319-84-6	ALPHA-BHC	0.85	U	0.17	0.85	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		1319-85-7	BETA-BHC	1.9	U	0.98	1.9	ug/kg	U			1786117	267076.6	-118.70852
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.19	U	0.0216	5.19	ng/kg	JB	U	B	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		139001-02-0	OCDF	10.4	UJ	0.0246	10.4	ng/kg	JB	UJ	B, FD	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0407	J	0.0201	5.19	ng/kg	JQ	J	Z	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.19	UJ	0.0277	5.19	ng/kg	JB	UJ	B, FD	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0192	J	0.0173	1.04	ng/kg	JQ	J	FD, Z	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.19	U	0.0108	5.19	ng/kg	JB	U	B	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		157117-31-4	2,3,4,7,8-PECDF	5.19	UJ	0.0119	5.19	ng/kg	JBQ	UJ	B, FD	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	1613B	6/29/2013	PH058	6.6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.19	UJ	0.0116	5.19	ng/kg	JBQ	UJ	B, FD	17		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-02-0	NICKEL	13.1		0.128	1.96	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-09-7	POTASSIUM	4340	J	8.19	98.2	mg/kg		J	Q	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-23-5	SODIUM	79.6	J	16.4	98.2	mg/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-31-5	TIN	9.82	U	0.216	9.82	mg/kg	J	U	B	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-32-6	TITANIUM METAL POWDER	1230		0.167	0.982	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-36-0	ANTIMONY	3.93	UJ	0.727	3.93	mg/kg	U	UJ	Q	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-38-2	ARSENIC	3.94		0.688	3.93	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-39-3	BARIUM	124		0.0324	0.982	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-41-7	BERYLLIUM	0.581	J	0.0658	0.982	mg/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-42-8	BORON	9.82	U	0.825	9.82	mg/kg	J	U	B	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-43-9	CADMIUM	0.344	J	0.0746	0.982	mg/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-47-3	CHROMIUM	20.6		0.157	2.95	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-48-4	COBALT	5.69	J	0.0972	0.982	mg/kg		J	E	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-50-8	COPPER	14.8	J	0.285	1.96	mg/kg		J	A	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-62-2	VANADIUM (FUME OR DUST)	35.9		0.128	0.982	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-66-6	ZINC	68.8		0.196	3.93	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-67-7	ZIRCONIUM	3.28	J	0.825	4.91	mg/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17440-70-2	CALCIUM METAL	2850		3.28	19.6	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6010C	6/27/2013	PH058	2.1		17723-14-0	PHOSPHORUS	507		2.84	9.82	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6020A	6/27/2013	PH058	2.1		27782-49-2	SELENIUM	0.226	J	0.0982	0.393	mg/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6020A	6/27/2013	PH058	2.1		27440-22-4	SILVER	0.0601	J	0.0255	0.196	mg/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6020A	6/27/2013	PH058	2.1		27440-24-6	STRONTIUM	40.3	J	0.0511	0.393	mg/kg		J	Q	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	6020A	6/27/2013	PH058	2.1		27440-28-0	THALLIUM	0.431		0.0295	0.196	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	7471B	6/28/2013	PH058	2.1		17439-97-6	MERCURY	0.012	J	0.010	0.0167	mg/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8015M	6/25/2013	PH058	2.1		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8015M	6/25/2013	PH058	2.1		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8015M	6/25/2013	PH058	2.1		1PHCC21C30	EFH (C21-C30)	8.8		2.0	5.1	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8015M	6/25/2013	PH058	2.1		1PHCC30C40	EFH (C30-C40)	18		4.1	10	mg/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8015M	6/25/2013	PH058	2.1		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1117-84-0	Di-n-octylphthalate	200		6.1	18	ug/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1129-00-0	PYRENE	1.1	J	0.68	1.7	ug/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1205-99-2	BENZO(B)FLUORANTHENE	4.3		0.68	1.7	ug/kg				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1206-44-0	FLUORANTHENE	1.3	J	0.68	1.7	ug/kg	J	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5218-01-9	Chrysene	21		1.7	8.5	ug/kg				1785931	267112.4	-118.70914
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	8270D SIM	6/28/2013	PH058	2.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786456	267259.4	-118.7074

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17439-98-7	MOLYBDENUM	1.98	U	0.168	1.98	mg/kg	J	U	F, B	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-02-0	NICKEL	13.7		0.128	1.98	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-09-7	POTASSIUM	4030	J	8.24	98.8	mg/kg		J	Q	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-23-5	SODIUM	81.2	J	16.5	98.8	mg/kg	J	U	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-31-5	TIN	9.88	U	0.217	9.88	mg/kg	J	U	B	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-32-6	TITANIUM METAL POWDER	1180		0.168	0.988	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-36-0	ANTIMONY	3.95	UJ	0.731	3.95	mg/kg	U	UJ	Q	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-38-2	ARSENIC	4.18		0.691	3.95	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-39-3	BARIUM	116		0.0326	0.988	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-41-7	BERYLLIUM	0.628	J	0.0662	0.988	mg/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-42-8	BORON	9.88	U	0.830	9.88	mg/kg	J	U	B	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-43-9	CADMIUM	0.252	J	0.0751	0.988	mg/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-47-3	CHROMIUM	21.7		0.158	2.96	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-48-4	COBALT	5.49	J	0.0978	0.988	mg/kg		J	E	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-50-8	COPPER	10.1	J	0.286	1.98	mg/kg		J	A	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-62-2	VANADIUM (FUME OR DUST)	37.7		0.128	0.988	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-66-6	ZINC	64.2		0.198	3.95	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-67-7	ZIRCONIUM	3.47	J	0.830	4.94	mg/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17440-70-2	CALCIUM METAL	2350		3.30	19.8	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6010C	6/27/2013	PH058	1.7		17723-14-0	PHOSPHORUS	432		2.85	9.88	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6020A	6/27/2013	PH058	1.7		27782-49-2	SELENIUM	0.196	J	0.0988	0.395	mg/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6020A	6/27/2013	PH058	1.7		27440-22-4	SILVER	0.0558	J	0.0257	0.198	mg/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6020A	6/27/2013	PH058	1.7		27440-24-6	STRONTIUM	33.7	J	0.0514	0.395	mg/kg		J	Q	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	6020A	6/27/2013	PH058	1.7		27440-28-0	THALLIUM	0.365		0.0296	0.198	mg/kg				1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	7471B	6/28/2013	PH058	1.7		17439-97-6	MERCURY	0.0107	J	0.0097	0.0162	mg/kg	J	J	Z	1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8015M	6/25/2013	PH058	1.7		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786618	267304	-118.70687
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8015M	6/25/2013	PH058	1.7		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786618	267304	-118.70687
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1191-24-2	BENZO(C,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1205-99-2	BENZO(B)FLUORANTHENE	0.69	J	0.69	1.7	ug/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1206-44-0	FLUORANTHENE	1	J	0.69	1.7	ug/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1218-01-9	Chrysene	1	J	0.35	1.7	ug/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		184-66-2	DIETHYL PHTHALATE	19	UJ	6.2	19	ug/kg	U	UJ	Q	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		185-01-8	PHENANTHRENE	0.94	J	0.69	1.7	ug/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		186-73-7	FLUORENE	1.7	U	0								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-36-0	ANTIMONY	3.99	UJ	0.499	3.99	mg/kg	J	UJ	B, Q	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-38-2	ARSENIC	4.79		0.329	3.99	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-39-3	BARIUM	105		0.0329	0.998	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-41-7	BERYLLIUM	0.639	J	0.0669	0.998	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-42-8	BORON	3.52	J	0.829	9.98	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-43-9	CADMIUM	0.331	J	0.0329	0.998	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-47-3	CHROMIUM	20.2		0.0879	3.00	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-48-4	COBALT	6.06		0.0899	0.998	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-50-8	COPPER	11.1		0.180	2.00	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-62-2	VANADIUM (FUME OR DUST)	35.6		0.110	0.998	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-66-6	ZINC	55.2		0.200	3.99	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-67-7	ZIRCONIUM	3.62	J	0.829	4.99	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7440-70-2	CALCIUM METAL	2130	J	4.01	20.0	mg/kg	J	J	Q	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6010C	6/4/2013	PH042	1.8		1	7723-14-0	PHOSPHORUS	370	J	0.509	9.98	mg/kg		J	Q	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6020A	6/9/2013	PH042	1.8		2	7440-24-6	STRONTIUM	21.7	J	0.0339	0.399	mg/kg		J	Q	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6020A	6/4/2013	PH042	1.8		2	7782-49-2	SELENIUM	0.399	U	0.0998	0.399	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6020A	6/4/2013	PH042	1.8		2	7440-22-4	SILVER	0.0523	J	0.0200	0.200	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	6020A	6/4/2013	PH042	1.8		2	7440-28-0	THALLIUM	0.261		0.0300	0.200	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	7471B	6/4/2013	PH042	1.8		1	7439-97-6	MERCURY	0.011	J	0.0101	0.0168	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8015M	6/4/2013	PH042	1.8		1	PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8015M	6/4/2013	PH042	1.8		1	PHCC15C20	EFH (C15-C20)	3.2	J	2.0	5.1	mg/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8015M	6/4/2013	PH042	1.8		1	PHCC21C30	EFH (C21-C30)	19		2.0	5.1	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8015M	6/4/2013	PH042	1.8		1	PHCC30C40	EFH (C30-C40)	36		4.1	10	mg/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8015M	6/4/2013	PH042	1.8		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	129-00-0	PYRENE	1.8		0.68	1.7	ug/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	205-99-2	BENZO(B)FLUORANTHENE	1.5	J	0.68	1.7	ug/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	206-44-0	FLUORANTHENE	2		0.68	1.7	ug/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1	218-01-9	Chrysene	7.3		0.35	1.7	ug/kg				1785955	267194.2	-118.70906
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	50-32-8	BENZO(A)PYRENE	0.71	J	0.68	1.7	ug/kg	J	J	Z	1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	83-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	84-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075248	LL	8270D SIM	6/10/2013	PH042	1.8		1	85-01-8	PHENANTHRENE	1.9		0.68	1.7	ug/kg				1786774	267119.7	-118.70635
SL-831-SA5A-SB-0.0-0																													

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17429-90-5	ALUMINUM (FUME OR DUST)	17200		7.76	40.2	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17439-89-6	IRON	22000		3.82	40.2	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17439-92-1	LEAD	6.38		0.473	3.02	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17439-93-2	LITHIUM	21.6		0.55	4.0	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17439-95-4	MAGNESIUM	4360		1.74	10.1	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17439-96-5	MANGANESE	417	J	0.0835	1.01	mg/kg		J	E	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17439-98-7	MOLYBDENUM	2.01	U	0.171	2.01	mg/kg	J	U	F	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-02-0	NICKEL	14.7		0.111	2.01	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-09-7	POTASSIUM	4090	J	13.6	101	mg/kg		J	Q	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-23-5	SODIUM	94.6	J	16.8	101	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-31-5	TIN	10.1	U	0.221	10.1	mg/kg	J	U	B	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-32-6	TITANIUM METAL POWDER	1290		0.171	1.01	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-36-0	ANTIMONY	4.02	UJ	0.503	4.02	mg/kg	J	UJ	B, Q	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-38-2	ARSENIC	4.5		0.332	4.02	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-39-3	BARIUM	134		0.0332	1.01	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-41-7	BERYLLIUM	0.685	J	0.0674	1.01	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-42-8	BORON	2.86	J	0.835	10.1	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-43-9	CADMIUM	0.419	J	0.0332	1.01	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-47-3	CHROMIUM	22.9		0.0885	3.02	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-48-4	COBALT	6.63	J	0.0905	1.01	mg/kg		J	E	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-50-8	COPPER	13.7		0.181	2.01	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-62-2	VANADIUM (FUME OR DUST)	38.7		0.111	1.01	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-66-6	ZINC	64.2		0.201	4.02	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-67-7	ZIRCONIUM	4.18	J	0.835	5.03	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17440-70-2	CALCIUM METAL	2440		4.04	20.1	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6010C	6/6/2013	PH043	3.5		17723-14-0	PHOSPHORUS	389		0.513	10.1	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6020A	6/11/2013	PH043	3.5		27782-49-2	SELENIUM	0.176	J	0.101	0.402	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6020A	6/11/2013	PH043	3.5		27440-22-4	SILVER	0.0589	J	0.0201	0.201	mg/kg	J	J	Z	1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6020A	6/11/2013	PH043	3.5		27440-24-6	STRONTIUM	34.2		0.0342	0.402	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	6020A	6/11/2013	PH043	3.5		27440-28-0	THALLIUM	0.393		0.0302	0.201	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	7471B	6/7/2013	PH043	3.5		17439-97-6	MERCURY	0.0162	U	0.0097	0.0162	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8015M	6/6/2013	PH043	3.5		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8015M	6/6/2013	PH043	3.5		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8015M	6/6/2013	PH043	3.5		1PHCC21C30	EFH (C21-C30)	5.9		2.1	5.2	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8015M	6/6/2013	PH043	3.5		1PHCC30C40	EFH (C30-C40)	11		4.1	10	mg/kg				1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8015M	6/6/2013	PH043	3.5		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1191-24-2	BENZO(C,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076741	LL	8270D SIM	6/10/2013	PH043	3.5		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786524	266889.1	-118.70717
SL-819-SA5A-SB-0.																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	1613B	6/6/2013	PH043	10.5		1	TCDD TEQ	TCDD TEQ	0.0441		0					1786524	266889.1	-118.70717	
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7429-90-5	ALUMINUM (FUME OR DUST)	34600		8.45	43.8	mg/kg			1786524	266889.1	-118.70717	
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7439-92-1	LEAD	12.4		0.515	3.29	mg/kg			1786524	266889.1	-118.70717	
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7439-93-2	LITHIUM	46.7		0.60	4.4	mg/kg			1786524	266889.1	-118.70717	
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7439-95-4	MAGNESIUM	5270		1.90	11.0	mg/kg			1786524	266889.1	-118.70717	
SL-819-SA5A-SB-6.5-7.5	5/30/2013	N	6.5	7.5	ft	SO	5A DG		7076742	LL	6010C	6/6/2013	PH043	10.5		1	7439-96-5	MANGANESE	167	J	0.0909	1.10	mg/kg		J	E	1786524	266889.1	-118.70717
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-42-8	BORON	2.88	J	0.853	10.3	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-43-9	CADMIUM	0.394	J	0.0339	1.03	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-47-3	CHROMIUM	20.4		0.0904	3.08	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-48-4	COBALT	5.54	J	0.0925	1.03	mg/kg		J	E	1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-50-8	COPPER	11.6		0.185	2.06	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-62-2	VANADIUM (FUME OR DUST)	33.8		0.113	1.03	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-66-6	ZINC	57.2		0.206	4.11	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-67-7	ZIRCONIUM	3.21	J	0.853	5.14	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7440-70-2	CALCIUM METAL	2220		4.13	20.6	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6010C	6/6/2013	PH043	4.6		1	7723-14-0	PHOSPHORUS	408		0.524	10.3	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6020A	6/11/2013	PH043	4.6		2	7782-49-2	SELENIUM	0.131	J	0.103	0.411	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6020A	6/11/2013	PH043	4.6		2	7440-22-4	SILVER	0.158	J	0.0206	0.206	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6020A	6/11/2013	PH043	4.6		2	7440-24-6	STRONTIUM	19.1		0.0349	0.411	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	6020A	6/11/2013	PH043	4.6		2	7440-28-0	THALLIUM	0.26		0.0308	0.206	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	7471B	6/7/2013	PH043	4.6		1	7439-97-6	MERCURY	0.015	J	0.0103	0.0172	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8015M	6/6/2013	PH043	4.6		1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8015M	6/6/2013	PH043	4.6		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8015M	6/6/2013	PH043	4.6		1	PHCC21C30	EFH (C21-C30)	13		2.1	5.2	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8015M	6/6/2013	PH043	4.6		1	PHCC30C40	EFH (C30-C40)	22		4.2	10	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8015M	6/6/2013	PH043	4.6		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	129-00-0	PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	206-44-0	FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1	218-01-9	Chrysene	0.47	J	0.34	1.7	ug/kg	J	J	FD, Z	1786161	267398.6	-118.70838
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	83-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-31-5	TIN	10.6	U	0.233	10.6	mg/kg	J	U	B	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-32-6	TITANIUM METAL POWDER	1460		0.180	1.06	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-36-0	ANTIMONY	4.24	UJ	0.530	4.24	mg/kg	J	UJ	B, FD, Q	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-38-2	ARSENIC	3.74	J	0.350	4.24	mg/kg	J		FD, Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-39-3	BARIUM	171	J	0.0350	1.06	mg/kg	J	FD		1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-41-7	BERYLLIUM	1.66	J	0.0710	1.06	mg/kg		J	FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-42-8	BORON	10.6	UJ	0.880	10.6	mg/kg	U	UJ	FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-43-9	CADMIUM	0.0392	J	0.0350	1.06	mg/kg	J	J	FD, Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-47-3	CHROMIUM	51.2	J	0.0933	3.18	mg/kg	J		FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-48-4	COBALT	13.1	J	0.0954	1.06	mg/kg	J	FD, E		1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-50-8	COPPER	28.7	J	0.191	2.12	mg/kg		J	FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-62-2	VANADIUM (FUME OR DUST)	82.3	J	0.117	1.06	mg/kg		J	FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-66-6	ZINC	80.6		0.212	4.24	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-67-7	ZIRCONIUM	6.9		0.880	5.30	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7440-70-2	CALCIUM METAL	5340	J	4.26	21.2	mg/kg		J	FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		1	7723-14-0	PHOSPHORUS	464		0.541	10.6	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6010C	6/6/2013	PH043	8.4		5	7439-89-6	IRON	43000		20.1	212	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6020A	6/11/2013	PH043	8.4		2	7782-49-2	SELENIUM	0.149	J	0.106	0.424	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6020A	6/11/2013	PH043	8.4		2	7440-22-4	SILVER	0.0457	J	0.0212	0.212	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6020A	6/11/2013	PH043	8.4		2	7440-24-6	STRONTIUM	45.7	J	0.0360	0.424	mg/kg		J	FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	6020A	6/11/2013	PH043	8.4		2	7440-28-0	THALLIUM	0.309		0.0318	0.212	mg/kg				1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	7471B	6/7/2013	PH043	8.4		1	7439-97-6	MERCURY	0.0153	J	0.0107	0.0178	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8015M	6/6/2013	PH043	8.4		1	PHCC12C14	EFH (C12-C14)	5.5	U	2.2	5.5	mg/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8015M	6/6/2013	PH043	8.4		1	PHCC15C20	EFH (C15-C20)	5.5	U	2.2	5.5	mg/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8015M	6/6/2013	PH043	8.4		1	PHCC21C30	EFH (C21-C30)	3.7	J	2.2	5.5	mg/kg	J	J	Q, Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8015M	6/6/2013	PH043	8.4		1	PHCC30C40	EFH (C30-C40)	10	J	4.4	11	mg/kg	J	J	Q, Z	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8015M	6/6/2013	PH043	8.4		1	PHCC8C11	EFH (C8-C11)	5.5	U	2.2	5.5	mg/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8015M	6/5/2013	PH043	8.4	24.65	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786583	266975.6	-118.70698	
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	31	J	6.6	20	ug/kg		J	FD, Q	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	117-84-0	Di-n-octylphthalate	20	U	6.6	20	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	129-00-0	PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	192-97-2	Benzo(e)pyrene	19	U	3.6	19	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	218-01-9	Chrysene	1.8	UJ	0.36	1.8	ug/kg	U	UJ	FD	1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	50-32-8	BENZO(A)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4		1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786583	266975.6	-118.70698
SL-837-SA5A-SB-4.5-5.5	5/30/2013	N	4.5	5.5	ft	SO	5A DG		7076735	LL	8270D SIM	6/10/2013	PH043	8.4															

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	6020A	6/17/2013	PH050	1.3		2 7440-24-6	STRONTIUM	19.7	J	0.0341	0.401	mg/kg		J		E, Q, A	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	6020A	6/17/2013	PH050	1.3		2 7440-28-0	THALLIUM	0.29	J	0.0301	0.201	mg/kg		J		Q	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	7471B	6/16/2013	PH050	1.3		1 7439-97-6	MERCURY	0.016	U	0.0096	0.0160	mg/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8015M	6/15/2013	PH050	1.3		1 PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8015M	6/15/2013	PH050	1.3		1 PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8015M	6/15/2013	PH050	1.3		1 PHCC21C30	EFH (C21-C30)	6.2		2.0	5.1	mg/kg					1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8015M	6/15/2013	PH050	1.3		1 PHCC30C40	EFH (C30-C40)	15		4.1	10	mg/kg					1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8015M	6/15/2013	PH050	1.3		1 PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.0	18	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 117-84-0	Di-n-octylphthalate	100	J	6.0	18	ug/kg		J		FD	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 129-00-0	PYRENE	1.7	U	0.67	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 205-99-2	BENZO(B)FLUORANTHENE	0.71	J	0.67	1.7	ug/kg	J	J		FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 206-44-0	FLUORANTHENE	0.81	J	0.67	1.7	ug/kg	J	J		FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 218-01-9	Chrysene	0.8	J	0.34	1.7	ug/kg	J	J		FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 50-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 83-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 84-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 84-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 85-01-8	PHENANTHRENE	1.7	U	0.67	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 86-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 91-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	8270D SIM	6/18/2013	PH050	1.3		1 91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	9045M	6/7/2013	PH050	1.3		1 pH	PH	6.62		0.0100	0.0100	pH unit					1787118	267439.2	-118.70522
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088264	LL	160.3M	6/13/2013	PH053	5.7		1 MOIST	MOISTURE	5.7		0.10	0.10	%					1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088264	LL	8015M	6/18/2013	PH053	5.7	23.15	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	UJ	0.2	1	mg/kg	U	UJ		FD	1786150	267130.4	-118.70841
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	160.3M	6/13/2013	PH053	2.8		1 MOIST	MOISTURE	2.8		0.10	0.10	%					1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	1613B	6/21/2013	PH053	2.8		1 1746-01-6	2,3,7,8-TCDD	0.0432	J	0.0249	1.02	ng/kg	JQ	J		Z	1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	1613B	6/21/2013	PH053	2.8		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.8	J	0.0335	5.09	ng/kg	JB	J		Z	1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	1613B	6/21/2013	PH053	2.8		1 3268-87-9	OCDD	172		0.0373	10.2	ng/kg	B				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	1613B	6/21/2013	PH053	2.8		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	10.7		0.0459	5.09	ng/kg	B				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft</																								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	6010C	6/18/2013	PH053	2.8		1 7723-14-0	PHOSPHORUS	320		0.514	10.1	mg/kg				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	6020A	6/19/2013	PH053	2.8		2 7782-49-2	SELENIUM	0.156	J	0.101	0.403	mg/kg	J	J	Z	1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	6020A	6/19/2013	PH053	2.8		2 7440-22-4	SILVER	0.0485	J	0.0202	0.202	mg/kg	J	J	Z	1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	6020A	6/19/2013	PH053	2.8		2 7440-24-6	STRONTIUM	20.5		0.0343	0.403	mg/kg				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	6020A	6/19/2013	PH053	2.8		2 7440-28-0	THALLIUM	0.265		0.0303	0.202	mg/kg				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	7471B	6/18/2013	PH053	2.8		1 7439-97-6	MERCURY	0.0167	U	0.0100	0.0167	mg/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8015M	6/18/2013	PH053	2.8		1 PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8015M	6/18/2013	PH053	2.8		1 PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8015M	6/18/2013	PH053	2.8		1 PHCC21C30	EFH (C21-C30)	7.3		2.0	5.1	mg/kg				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8015M	6/18/2013	PH053	2.8		1 PHCC30C40	EFH (C30-C40)	13		4.1	10	mg/kg				1786252	267217.6	-118.70808
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8015M	6/18/2013	PH053	2.8		1 PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786252	267217.6	-118.70808
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	13	J	6.0	18	ug/kg	J	J	Z	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 117-84-0	Di-n-octylphthalate	80		6.0	18	ug/kg				1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 120-12-7	ANTHRACENE	1.7	U	0.33	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 129-00-0	PYRENE	2.2		0.66	1.7	ug/kg				1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 191-24-2	BENZO(G,H,I)PERYLENE	0.99	J	0.66	1.7	ug/kg	J	J	Z	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 192-97-2	Benzo(e)pyrene	17	U	3.3	17	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 193-39-5	INDENO(1,2,3-CD)PYRENE	0.89	J	0.66	1.7	ug/kg	J	J	Z	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 205-99-2	BENZO(B)FLUORANTHENE	3.1		0.66	1.7	ug/kg				1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 206-44-0	FLUORANTHENE	2.4		0.66	1.7	ug/kg				1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 207-08-9	BENZO(K)FLUORANTHENE	1.2	J	0.66	1.7	ug/kg	J	J	Z	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 208-96-8	ACENAPHTHYLENE	1.7	U	0.33	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1 218-01-9	Chrysene	0.76	J	0.34	1.7	ug/kg	J	J	Z	1785951	267730.2	-118.70909
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 50-32-8	BENZO(A)PYRENE	1.3	J	0.66	1.7	ug/kg	J	J	Z	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.66	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 56-55-3	BENZO(A)ANTHRACENE	0.91	J	0.66	1.7	ug/kg	J	J	Z	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.66	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 83-32-9	ACENAPHTHENE	1.7	U	0.66	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 84-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 84-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 85-01-8	PHENANTHRENE	1.3	J	0.66	1.7	ug/kg	J	J	Z	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 86-73-7	FLUORENE	1.7	U	0.66	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.66	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 91-20-3	NAPHTHALENE	1.7	U	0.66	1.7	ug/kg	J	U	F	1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		1 91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.66	1.7	ug/kg	U			1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	9045M	6/14/2013	PH056	1		1 pH	PH	6.32		0.0100	0.0100	pH unit				1786075	266911.6	-118.70866
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	160.3M	6/18/2013	PH056	2.8		1 MOIST	MOISTURE	2.8		0.10	0.10	%				1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	1613B	6/24/2013	PH056	2.8		1 1746-01-6	2,3,7,8-TCDD	1.01	U	0.0269	1.01	ng/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	1613B	6/24/2013	PH056	2.8		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.05	U	0.0267	5.05	ng/kg	JBQ	U	B	1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	1613B	6/24/2013	PH056	2.8		1 3268-87-9	OCDD	33.2		0.0289	10.1	ng/kg	B			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	1613B	6/24/2013	PH056	2.8		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	2.22	J	0.0372	5.05	ng/kg	JB	J	Z	1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	1613B	6/24/2013	PH056	2.8		1 39001-02-0	OCDF	1.66	J	0.0264	10.1	ng/kg	JB	J	Z	1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	1613B	6/24/2013	PH056	2.8		1 39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.05	U	0.0256	5.05	ng/kg	JBQ	U	B	1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	1613B	6/24/2013	PH056	2.8		1 40321-76-4	1											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	6010C	6/18/2013	PH056	2.8		1	7440-70-2	CALCIUM METAL	2280	J	4.02	20.0	mg/kg		J	Q	1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	6010C	6/18/2013	PH056	2.8		1	7723-14-0	PHOSPHORUS	246		0.509	9.99	mg/kg				1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	6020A	6/19/2013	PH056	2.8		2	7782-49-2	SELENIUM	0.4	U	0.0999	0.400	mg/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	6020A	6/19/2013	PH056	2.8		2	7440-22-4	SILVER	0.2	U	0.0200	0.200	mg/kg	U			1786098	266842.5	-118.70858
SL-777-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088268	LL	8081B	6/19/2013	PH053	2.8		1	72-43-5	Methoxychlor	6.9	U	1.7	6.9	ug/kg	U			1786252	267217.6	-118.70808
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	6020A	6/19/2013	PH056	2.8		2	7440-24-6	STRONTIUM	17.8		0.0340	0.400	mg/kg				1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	6020A	6/19/2013	PH056	2.8		2	7440-28-0	THALLIUM	0.276		0.0300	0.200	mg/kg				1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	7471B	6/18/2013	PH056	2.8		1	7439-97-6	MERCURY	0.0167	U	0.0100	0.0167	mg/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8015M	6/20/2013	PH056	2.8		1	PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8015M	6/20/2013	PH056	2.8		1	PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8015M	6/20/2013	PH056	2.8		1	PHCC21C30	EFH (C21-C30)	2.4	J	2.1	5.1	mg/kg	J	J	Z	1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8015M	6/20/2013	PH056	2.8		1	PHCC30C40	EFH (C30-C40)	6.1	J	4.1	10	mg/kg	J	J	Z	1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8015M	6/20/2013	PH056	2.8		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1	11096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1	11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1	11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1	11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1	11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1	11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1	12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1	12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1	37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1	53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8082A	6/22/2013	PH056	2.8		1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	27		6.1	18	ug/kg				1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	117-84-0	Di-n-octylphtthalate	100		6.1	18	ug/kg				1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	129-00-0	PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	206-44-0	FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		1	218-01-9	Chrysene	1.7	UJ	0.34	1.7	ug/kg	U	UJ	FD	1786122	267614.4	-118.70852
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	150-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	83-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786098	266842.5	-118.70858
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1	84-74-2	Di-n-butylphtthalate	18	U	6.1	18	ug/kg	U			1786098	266842.5	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	160.3M	6/13/2013	PH052	7.5		1	MOIST	7.5		0.10	0.10	%				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	1746-01-6	1.07	U	0.0276	1.07	ng/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	19408-74-3	5.35	U	0.0210	5.35	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	3268-87-9	10.7	U	0.0356	10.7	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	35822-46-9	5.35	U	0.0294	5.35	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	39001-02-0	10.7	U	0.0325	10.7	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	39227-28-6	0.0598	J	0.0199	5.35	ng/kg	J	J	FD, Z	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	40321-76-4	5.35	U	0.0309	5.35	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	51207-31-9	0.0313	J	0.0192	1.07	ng/kg	JQ	J	FD, Z	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	55673-89-7	5.35	UJ	0.0144	5.35	ng/kg	JBQ	UJ	B, FD	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	57117-31-4	5.35	UJ	0.0164	5.35	ng/kg	JB	UJ	B, FD	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	57117-41-6	5.35	UJ	0.0178	5.35	ng/kg	JBQ	UJ	B, FD	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	57117-44-9	5.35	U	0.00995	5.35	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	57653-85-7	5.35	U	0.0211	5.35	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	60851-34-5	5.35	U	0.00984	5.35	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	67562-39-4	5.35	U	0.0107	5.35	ng/kg	JBQ	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	70648-26-9	5.35	U	0.0108	5.35	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	72918-21-9	5.35	U	0.0117	5.35	ng/kg	JB	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	1613B	6/21/2013	PH052	7.5		1	TCDD TEQ	0.0346		0	0	ng/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7429-90-5	18600		8.09	42.0	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7439-89-6	24000		3.99	42.0	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7439-92-1	7.02		0.493	3.15	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7439-93-2	23.5		0.58	4.2	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7439-95-4	4690		1.82	10.5	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7439-96-5	171		0.0871	1.05	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7439-98-7	2.1	U	0.178	2.10	mg/kg	J	U	F	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-02-0	9.26		0.115	2.10	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-09-7	1830	J	14.2	105	mg/kg		J	Q	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-23-5	854		17.5	105	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-31-5	10.5	U	0.231	10.5	mg/kg	J	U	B	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-32-6	1150		0.178	1.05	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-36-0	0.846	J	0.525	4.20	mg/kg	J	J	Q, Z	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-38-2	6.23		0.346	4.20	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-39-3	53.1		0.0346	1.05	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-41-7	0.671	J	0.0703	1.05	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-42-8	2.23	J	0.871	10.5	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-43-9	1.05	U	0.0346	1.05	mg/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-47-3	21.2		0.0924	3.15	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-48-4	5.01		0.0945	1.05	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-50-8	9.37		0.189	2.10	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-62-2	37.4		0.115	1.05	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-66-6	44.8		0.210	4.20	mg/kg				1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	6010C	6/18/2013	PH052	7.5		1	7440-67-7	3.14	J	0.871	5.25	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.72	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1192-97-2	Benzo(e)pyrene	18	U	3.6	18	ug/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1206-44-0	FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-1176-SA5A-SB-6.0-7.0	6/10/2013	FD	6	7	ft	SO	5A DG	SL-776-SA5A-SB-6.0-7.0	7088262	LL	8270D SIM	6/20/2013	PH052	7.5		1218-01-9	Chrysene	0.5	J	0.36	1.8	ug/kg	J	J	Z	1786150	267130.4	-118.70841
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		11746-01-6	2,3,7,8-TCDD	0.99	U	0.0343	0.990	ng/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.12	J	0.0503	4.95	ng/kg	JB	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		13268-87-9	OCDD	527		0.0374	9.90	ng/kg	B			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	21.9		0.0628	4.95	ng/kg	B			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		139001-02-0	OCDF	6.51	J	0.0297	9.90	ng/kg	JB	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.95	U	0.0498	4.95	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.95	U	0.0483	4.95	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.99	U	0.0444	0.990	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.95	U	0.0265	4.95	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		157117-31-4	2,3,4,7,8-PECDF	4.95	U	0.0274	4.95	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.95	U	0.0267	4.95	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		157117-44-9	1,2,3,6,7,8-HXCDF	4.95	U	0.0248	4.95	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.02	J	0.0531	4.95	ng/kg	JB	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		160851-34-5	2,3,4,6,7,8-HXCDF	4.95	U	0.0227	4.95	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	2.15	J	0.0164	4.95	ng/kg	JB	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		170648-26-9	1,2,3,4,7,8-HXCDF	4.95	U	0.0260	4.95	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		172918-21-9	1,2,3,7,8,9-HXCDF	4.95	U	0.0259	4.95	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	1613B	6/22/2013	PH055	2.4		1TCDD TEQ	TCDD TEQ	0.648		0	0	ng/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	160.3M	6/18/2013	PH055	2.4		1MOIST	MOISTURE	2.4		0.10	0.10	%				1786530	267095.7	-118.70716
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	9045M	6/13/2013	PH055	4		1pH	PH	7.15		0.0100	0.0100	pH unit				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10	J	6.2	19	ug/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1205-99-2	BENZO(B)FLUORANTHENE	0.91	J	0.69	1.7	ug/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	8270D SIM	6/22/2013	PH055	4		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-42-8	BORON	2.86	J	0.839	10.1	mg/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-43-9	CADMIUM	1.01	U	0.0334	1.01	mg/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-47-3	CHROMIUM	16		0.0890	3.03	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-48-4	COBALT	3.57		0.0910	1.01	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-50-8	COPPER	5.8	J	0.182	2.02	mg/kg	J	A		1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-62-2	VANADIUM (FUME OR DUST)	32.4		0.111	1.01	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-66-6	ZINC	35.4		0.202	4.05	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-67-7	ZIRCONIUM	3.42	J	0.839	5.06	mg/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17440-70-2	CALCIUM METAL	1900		4.07	20.2	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	6010C	6/17/2013	PH055	4		17723-14-0	PHOSPHORUS	146		0.516	10.1	mg/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		1746-01-6	2,3,7,8-TCDD	1.03	U	0.0369	1.03	ng/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.15	U	0.0349	5.15	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		13268-87-9	OCDD	66.9		0.0364	10.3	ng/kg	B			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.43	J	0.0544	5.15	ng/kg	JB	J	Z	1786410	267030.7	-118.70755
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	1613B	6/29/2013	PH058	2.3		1746-01-6	2,3,7,8-TCDD	1.02	U	0.0290	1.02	ng/kg	JB	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	1613B	6/29/2013	PH058	2.3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	3.31	J	0.0540	5.11	ng/kg	JB	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	1613B	6/29/2013	PH058	2.3		13268-87-9	OCDD	1520		0.0905	10.2	ng/kg	B			1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	1613B	6/29/2013	PH058	2.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	72.9		0.0899	5.11	ng/kg	B			1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	1613B	6/29/2013	PH058	2.3		139001-02-0	OCDF	13.7		0.0708	10.2	ng/kg	B			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		1218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	9045M	6/18/2013	PH058	4.6		pH	PH	6.93		0.0100	0.0100	pH unit				1786397	267222.9	-118.7076
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	160.3M	6/25/2013	PH058	1.8		1MOIST	MOISTURE	1.8		0.10	0.10	%				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	1613B	6/29/2013	PH058	1.8		11746-01-6	2,3,7,8-TCDD	1	U	0.0265	1.00	ng/kg	JBQ	U	B	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	1613B	6/29/2013	PH058	1.8		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.76	J	0.0443	5.02	ng/kg	JB	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	1613B	6/29/2013	PH058	1.8		13268-87-9	OCDD	855		0.0466	10.0	ng/kg	B			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	1613B	6/29/2013	PH058	1.8		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	38.1		0.0685	5.02	ng/kg	B			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	1613B	6/29/2013	PH058	1.8		139001-02-0	OCDF	13.7		0.0308	10.0	ng/kg	B			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	1613B	6/29/2013	PH058	1.8		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.62	J	0.0420	5.02	ng/kg	JQ	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	1613B	6/29/2013	PH058	1.8		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.472	J	0.0362	5.02	ng/kg	JB	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL																		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	6010C	6/27/2013	PH058	1.8		1 7723-14-0	PHOSPHORUS	455		2.89	9.98	mg/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	6020A	6/27/2013	PH058	1.8		2 7782-49-2	SELENIUM	0.201	J	0.0998	0.399	mg/kg	J	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	6020A	6/27/2013	PH058	1.8		2 7440-22-4	SILVER	0.0707	J	0.0260	0.200	mg/kg	J	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	6020A	6/27/2013	PH058	1.8		2 7440-24-6	STRONTIUM	41.4	J	0.0519	0.399	mg/kg		J	Q	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	6020A	6/27/2013	PH058	1.8		2 7440-28-0	THALLIUM	0.453		0.0300	0.200	mg/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	7471B	6/28/2013	PH058	1.8		1 7439-97-6	MERCURY	0.0163	U	0.0098	0.0163	mg/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8015M	6/25/2013	PH058	1.8		1 PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8015M	6/25/2013	PH058	1.8		1 PHCC15C20	EFH (C15-C20)	2	J	2.0	5.1	mg/kg	J	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8015M	6/25/2013	PH058	1.8		1 PHCC21C30	EFH (C21-C30)	19		2.0	5.1	mg/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8015M	6/25/2013	PH058	1.8		1 PHCC30C40	EFH (C30-C40)	47		4.1	10	mg/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8015M	6/25/2013	PH058	1.8		1 PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 117-84-0	Di-n-octylphthalate	170		6.1	18	ug/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 129-00-0	PYRENE	1.9		0.68	1.7	ug/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 191-24-2	BENZO(G,H,I)PERYLENE	0.71	J	0.68	1.7	ug/kg	J	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 205-99-2	BENZO(B)FLUORANTHENE	7.6		0.68	1.7	ug/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 206-44-0	FLUORANTHENE	2		0.68	1.7	ug/kg				1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1 218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 50-32-8	BENZO(A)PYRENE	0.95	J	0.68	1.7	ug/kg	J	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 83-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 84-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 85-01-8	PHENANTHRENE	1.1	J	0.68	1.7	ug/kg	J	J	Z	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 86-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 91-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	J	U	F	1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1 91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786508	267378.7	-118.70723
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	9045M	6/18/2013	PH058	1.8		1 pH	PH	7.08		0.0100	0.0100	pH unit				1786508	267378.7	-118.70723
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	160.3M	6/25/2013	PH058	2.1		1 MOIST	MOISTURE	2.1		0.10	0.10	%				1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	1613B	6/29/2013	PH058	2.1		1 1746-01-6	2,3,7,8-TCDD	1.02	U	0.0243	1.02	ng/kg	JBQ	U	B	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	1613B	6/29/2013	PH058	2.1		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.58	J	0.0423	5.10	ng/kg	JB	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	1613B	6/29/2013	PH058	2.1		1 3268-87-9	OCDD	463		0.0417	10.2	ng/kg	B			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	1613B	6/29/2013	PH058	2.1		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	24.3		0.0507	5.10	ng/kg	B			1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	1613B	6/29/2013	PH058	2.1		1 39001-02-0	OCDF	4.55	J	0.0270	10.2	ng/kg	JB	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	1613B	6/29/2013	PH058	2.1		1 39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.489	J	0.0417	5.10	ng/kg	JQ	J	Z	1786456	267259.4	-118.7074
SL-823-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096478	LL	1613B	6/29/2013	PH0															

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1191-24-2	BENZO(G,H,I)PERYLENE	17	U	0.67	17	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1205-99-2	BENZO(B)FLUORANTHENE	1.5	J	0.67	1.7	ug/kg	J	J	Z	1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1206-44-0	FLUORANTHENE	2.5		0.67	1.7	ug/kg				1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		150-32-8	BENZO(A)PYRENE	0.69	J	0.67	1.7	ug/kg	J	J	Z	1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		185-01-8	PHENANTHRENE	3.6		0.67	1.7	ug/kg				1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		191-20-3	NAPHTHALENE	1.4	J	0.67	1.7	ug/kg	J	J	Z	1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		191-57-6	2-METHYLNAPHTHALENE	0.8	J	0.67	1.7	ug/kg	J	J	Z	1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	9045M	5/29/2013	PH041	1.7		1pH	PH	6.32		0.0100	0.0100	pH unit				1786769	267128.8	-118.70636
SL-830-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073186	LL	160.3M	6/4/2013	PH041	2.3		1MOIST	MOISTURE	2.3		0.10	0.10	%				1786772	267124	-118.70635
SL-830-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073186	LL	8015M	6/4/2013	PH041	2.3		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073186	LL	8015M	6/4/2013	PH041	2.3		1PHCC15C20	EFH (C15-C20)	2.9	J	2.0	5.1	mg/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073186	LL	8015M	6/4/2013	PH041	2.3		1PHCC21C30	EFH (C21-C30)	21		2.0	5.1	mg/kg				1786772	267124	-118.70635
SL-830-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073186	LL	8015M	6/4/2013	PH041	2.3		1PHCC30C40	EFH (C30-C40)	37		4.1	10	mg/kg				1786772	267124	-118.70635
SL-830-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073186	LL	8015M	6/4/2013	PH041	2.3		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	160.3M	6/4/2013	PH041	3.7		1MOIST	MOISTURE	3.7		0.10	0.10	%				1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		11746-01-6	2,3,7,8-TCDD	0.0831	J	0.0316	1.02	ng/kg	JQ	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.99	J	0.0653	5.12	ng/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		13268-87-9	OCDD	828		0.0742	10.2	ng/kg	B			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	100		0.0975	5.12	ng/kg	B			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		139001-02-0	OCDF	36.1		0.0515	10.2	ng/kg	B			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.09	J	0.0630	5.12	ng/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.642	J	0.0552	5.12	ng/kg	JB	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.259	J	0.0657	1.02	ng/kg	JBQ	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	1.13	J	0.0468	5.12	ng/kg	JB	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		157117-31-4	2,3,4,7,8-PECDF	0.815	J	0.0335	5.12	ng/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.718	J	0.0348	5.12	ng/kg	JB	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		157117-44-9	1,2,3,6,7,8-HXCDF	0.797	J	0.0443	5.12	ng/kg	JB	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.21	J	0.0685	5.12	ng/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		160851-34-5	2,3,4,6,7,8-HXCDF	1.05	J	0.0474	5.12	ng/kg	JB	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	1613B	6/1/2013	PH041	3.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	13.5		0.0286	5.12	ng/kg	B			1786772	267124	-118.70635

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8015M	6/4/2013	PH041	3.7		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8015M	6/4/2013	PH041	3.7		1	PHCC21C30	EFH (C21-C30)	4.3	J	2.1	5.2	mg/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8015M	6/4/2013	PH041	3.7		1	PHCC30C40	EFH (C30-C40)	14	J	4.2	10	mg/kg	J	J	Q	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8015M	6/4/2013	PH041	3.7		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	9.2	J	6.2	19	ug/kg	J	J	Z	1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1	117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1	120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786772	267124	-118.70635
SL-830-SA5A-SB-2.75-3.75	5/28/2013	N	2.75	3.75	ft	SO	5A DG		7073187	LL	8270D SIM	6/8/2013	PH041	3.7		1	129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786772	267124	-118.70635
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		1	7723-14-0	PHOSPHORUS	222	J	0.501	9.83	mg/kg		J	Q	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6020A	6/9/2013	PH042	2.2		2	7440-24-6	STRONTIUM	16.1	J	0.0334	0.393	mg/kg		J	Q	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6020A	6/4/2013	PH042	2.2		2	7782-49-2	SELENIUM	0.393	U	0.0983	0.393	mg/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6020A	6/4/2013	PH042	2.2		2	7440-22-4	SILVER	0.0479	J	0.0197	0.197	mg/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6020A	6/4/2013	PH042	2.2		2	7440-28-0	THALLIUM	0.203		0.0295	0.197	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	7471B	6/4/2013	PH042	2.2		1	7439-97-6	MERCURY	0.0168	U	0.0101	0.0168	mg/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8015M	6/4/2013	PH042	2.2		1	PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8015M	6/4/2013	PH042	2.2		1	PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8015M	6/4/2013	PH042	2.2		1	PHCC21C30	EFH (C21-C30)	4.6	J	2.0	5.1	mg/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8015M	6/4/2013	PH042	2.2		1	PHCC30C40	EFH (C30-C40)	12		4.1	10	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8015M	6/4/2013	PH042	2.2		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	129-00-0	PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1	218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	83-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	84-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	85-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	86-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	91-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-42-8	BORON	1.63	J	0.851	10.3	mg/kg	J	J	FD, Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-43-9	CADMIUM	0.187	J	0.0338	1.03	mg/kg	J	J	FD, Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-47-3	CHROMIUM	23.5	J	0.0902	3.08	mg/kg	J	J	FD	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-48-4	COBALT	6.77	J	0.0923	1.03	mg/kg	J	J	FD, E	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-50-8	COPPER	10.6	J	0.185	2.05	mg/kg	J	J	FD	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-62-2	VANADIUM (FUME OR DUST)	47.2	J	0.113	1.03	mg/kg	J	J	FD	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-66-6	ZINC	52.7	J	0.205	4.10	mg/kg	J	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-67-7	ZIRCONIUM	5.05	J	0.851	5.13	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7440-70-2	CALCIUM METAL	2710	J	4.12	20.5	mg/kg	J	J	FD	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6010C	6/6/2013	PH043	5.3		1	7723-14-0	PHOSPHORUS	323	J	0.523	10.3	mg/kg	J	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6020A	6/11/2013	PH043	5.3		2	7782-49-2	SELENIUM	0.126	J	0.103	0.410	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6020A	6/11/2013	PH043	5.3		2	7440-22-4	SILVER	0.0464	J	0.0205	0.205	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6020A	6/11/2013	PH043	5.3		2	7440-24-6	STRONTIUM	23.4	J	0.0349	0.410	mg/kg	J	J	FD	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	6020A	6/11/2013	PH043	5.3		2	7440-28-0	THALLIUM	0.274	J	0.0308	0.205	mg/kg	J	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	7471B	6/7/2013	PH043	5.3		1	7439-97-6	MERCURY	0.0112	J	0.0104	0.0173	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8015M	6/6/2013	PH043	5.3		1	PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8015M	6/6/2013	PH043	5.3		1	PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8015M	6/6/2013	PH043	5.3		1	PHCC21C30	EFH (C21-C30)	3	J	2.1	5.3	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8015M	6/6/2013	PH043	5.3		1	PHCC30C40	EFH (C30-C40)	7.9	J	4.2	11	mg/kg	J	J	Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8015M	6/6/2013	PH043	5.3		1	PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8015M	6/5/2013	PH043	5.3	25.35	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U	J		1786583	266975.6	-118.70698	
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	UJ	6.3	19	ug/kg	U	UJ	FD	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	117-84-0	Di-n-octylphtalate	19	U	6.3	19	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	218-01-9	Chrysene	0.58	J	0.35	1.8	ug/kg	J	J	FD, Z	1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	50-32-8	BENZO(A)PYRENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	83-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5	ft	SO	5A DG	SL-837-SA5A-SB-4.5-5.5	7076739	LL	8270D SIM	6/10/2013	PH043	5.3		1	84-74-2	Di-n-butylphtalate	19	U	6.3	19	ug/kg	U	J		1786583	266975.6	-118.70698
SL-1237-SA5A-SB-4.5-5.5	5/30/2013	FD	4.5	5.5																									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6010C	6/6/2013	PH043	3.9		17440-48-4	COBALT	6.29	J	0.0927	1.03	mg/kg		J	E	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6010C	6/6/2013	PH043	3.9		17440-50-8	COPPER	12		0.185	2.06	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6010C	6/6/2013	PH043	3.9		17440-62-2	VANADIUM (FUME OR DUST)	42.6		0.113	1.03	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6010C	6/6/2013	PH043	3.9		17440-66-6	ZINC	53.8		0.206	4.12	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6010C	6/6/2013	PH043	3.9		17440-67-7	ZIRCONIUM	4.6	J	0.855	5.15	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6010C	6/6/2013	PH043	3.9		17440-70-2	CALCIUM METAL	2300		4.14	20.6	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6010C	6/6/2013	PH043	3.9		17723-14-0	PHOSPHORUS	434		0.525	10.3	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6020A	6/11/2013	PH043	3.9		27782-49-2	SELENIUM	0.151	J	0.103	0.412	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6020A	6/11/2013	PH043	3.9		27440-22-4	SILVER	0.0475	J	0.0206	0.206	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6020A	6/11/2013	PH043	3.9		27440-24-6	STRONTIUM	24.8		0.0350	0.412	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	6020A	6/11/2013	PH043	3.9		27440-28-0	THALLIUM	0.291		0.0309	0.206	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	7471B	6/7/2013	PH043	3.9		17439-97-6	MERCURY	0.0171	U	0.0103	0.0171	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8015M	6/6/2013	PH043	3.9		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8015M	6/6/2013	PH043	3.9		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8015M	6/6/2013	PH043	3.9		1PHCC21C30	EFH (C21-C30)	3.1	J	2.1	5.2	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8015M	6/6/2013	PH043	3.9		1PHCC30C40	EFH (C30-C40)	8.7	J	4.2	10	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8015M	6/6/2013	PH043	3.9		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8015M	6/4/2013	PH043	3.9	26.1	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1117-84-0	Di-n-octylphtthalate	19	U	6.2	19	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1129-00-0	PYRENE	2.7		0.69	1.7	ug/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1191-24-2	BENZO(G,H,I)PERYLENE	1.3	J	0.69	1.7	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1193-39-5	INDENO(1,2,3-CD)PYRENE	0.92	J	0.69	1.7	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1205-99-2	BENZO(B)FLUORANTHENE	3		0.69	1.7	ug/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1206-44-0	FLUORANTHENE	2.8		0.69	1.7	ug/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1207-08-9	BENZO(K)FLUORANTHENE	0.73	J	0.69	1.7	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		1218-01-9	Chrysene	3.2		0.35	1.7	ug/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		150-32-8	BENZO(A)PYRENE	1.2	J	0.69	1.7	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		156-55-3	BENZO(A)ANTHRACENE	1.4	J	0.69	1.7	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		184-74-2	Di-n-butylphtthalate	19	U	6.2	19	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		185-01-8	PHENANTHRENE	1.7		0.69	1.7	ug/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		191-20-3	NAPHTHALENE	0.88	J	0.69	1.7	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	8270D SIM	6/10/2013	PH043	3.9		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076733	LL	9045M	5/31/2013	PH043	3.9		1pH	PH	6.66		0.0100	0.0100	pH unit				1786586	266980.2	-118.70697
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	160.3M	6/4/2013	PH043	4.6		1MOIST	MOISTURE											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-38-2	ARSENIC	5.82		0.345	4.19	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-39-3	BARIUM	94.4		0.0345	1.05	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-41-7	BERYLLIUM	0.758	J	0.0701	1.05	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-42-8	BORON	2.41	J	0.869	10.5	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-43-9	CADMIUM	0.334	J	0.0345	1.05	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-47-3	CHROMIUM	22.5		0.0921	3.14	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-48-4	COBALT	7.79		0.0942	1.05	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-62-2	VANADIUM (FUME OR DUST)	44		0.115	1.05	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-66-6	ZINC	47.7		0.209	4.19	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-67-7	ZIRCONIUM	1.36	J	0.869	5.23	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7440-70-2	CALCIUM METAL	2760		4.21	20.9	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		1	7723-14-0	PHOSPHORUS	184		0.534	10.5	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6020A	6/11/2013	PH047	5.4		2	7782-49-2	SELENIUM	0.419	U	0.105	0.419	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6020A	6/11/2013	PH047	5.4		2	7440-22-4	SILVER	0.053	J	0.0209	0.209	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6020A	6/11/2013	PH047	5.4		2	7440-24-6	STRONTIUM	22		0.0356	0.419	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6020A	6/11/2013	PH047	5.4		2	7440-28-0	THALLIUM	0.211		0.0314	0.209	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	7471B	6/11/2013	PH047	5.4		1	7439-97-6	MERCURY	0.0105	J	0.0104	0.0173	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8015M	6/13/2013	PH047	5.4		1	PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8015M	6/13/2013	PH047	5.4		1	PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8015M	6/13/2013	PH047	5.4		1	PHCC21C30	EFH (C21-C30)	5.3	U	2.1	5.3	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8015M	6/13/2013	PH047	5.4		1	PHCC30C40	EFH (C30-C40)	11	U	4.2	11	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8015M	6/13/2013	PH047	5.4		1	PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8015M	6/9/2013	PH047	5.4	24.61	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786441	266923.3	-118.70745	
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	191-24-2	BENZO(C,H,I)PERYLENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	218-01-9	Chrysene	1.8	U	0.35	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	50-32-8	BENZO(A)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	83-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	85-01-8	PHENANTHRENE	1.8	U	0.70	1.8	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047	5.4		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	8270D SIM	6/14/2013	PH047																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8		17440-32-6	TITANIUM METAL POWDER	1210		0.175	1.03	mg/kg				1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8		17440-36-0	ANTIMONY	4.12	U	0.515	4.12	mg/kg	U			1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8		17440-38-2	ARSENIC	4	J	0.340	4.12	mg/kg	J	J	Z	1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8		17440-39-3	BARIUM	103		0.0340	1.03	mg/kg				1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8		17440-41-7	BERYLLIUM	0.567	J	0.0690	1.03	mg/kg	J	J	Z	1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8		17440-42-8	BORON	2.88	J	0.855	10.3	mg/kg	J	J	Z	1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8		17440-43-9	CADMIUM	0.694	J	0.0340	1.03	mg/kg	J	J	Z	1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8		17440-47-3	CHROMIUM	25.1		0.0906	3.09	mg/kg				1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8		17440-48-4	COBALT	7.71		0.0927	1.03	mg/kg				1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8		17440-62-2	VANADIUM (FUME OR DUST)	42.4		0.113	1.03	mg/kg				1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8		17440-66-6	ZINC	190		0.206	4.12	mg/kg				1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8		17440-67-7	ZIRCONIUM	0.902	J	0.855	5.15	mg/kg	J	J	Z	1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8		17440-70-2	CALCIUM METAL	3370		4.14	20.6	mg/kg				1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	6010C	6/12/2013	PH047	4.8		17723-14-0	PHOSPHORUS	528		0.525	10.3	mg/kg				1786627	267523.3	-118.70685
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	160.3M	6/11/2013	PH050	1.3		17440-32-6	MOISTURE	1.3		0.10	0.10	%				1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3		1746-01-6	2,3,7,8-TCDD	1	U	0.0257	1.00	ng/kg	U			1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3		119408-74-3	1,2,3,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.523	J	0.0332	5.00	ng/kg	JB	J	FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3		13268-87-9	OCDD	109	J	0.0282	10.0	ng/kg	B	J	FD	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	7.78	J	0.0345	5.00	ng/kg	B	J	FD	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3		139001-02-0	OCDF	7.71	J	0.0298	10.0	ng/kg	JB	J	FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.15	J	0.0329	5.00	ng/kg	JQ	J	FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5	U	0.0385	5.00	ng/kg	JBQ	U	B	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0807	J	0.0299	1.00	ng/kg	J	J	FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3		155673-89-7	1,2,3,4,7,8,9-HPCDF	5	UJ	0.0276	5.00	ng/kg	JB	UJ	B, FD	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3		157117-31-4	2,3,4,7,8-PECDF	5	UJ	0.0195	5.00	ng/kg	JB	UJ	B, FD	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5	U	0.0217	5.00	ng/kg	JB	U	B	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3		157117-44-9	1,2,3,6,7,8-HXCDF	0.241	J	0.0221	5.00	ng/kg	JB	J	FD, Z	1787118	267439.2	-118.70522
SL-1271-SA5A-SB-0.0-0.5	6/6/2013	FD	0	0.5	ft	SO	5A DG	SL-871-SA5A-SB-0.0-0.5	7085560	LL	1613B	6/19/2013	PH050	1.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.42	J	0.0353	5.00	ng/kg	JB	J	Z	1787118	267439.2	-118.70522
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.27	J	0.0343	5.04	ng/kg	J	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		160851-34-5	2,3,4,6,7,8-HXCDF	0.258	J	0.0178	5.04	ng/kg	JB	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		167562-39-4	1,2,3,4,6,7,8-HPCDF	4.49	J	0.0147	5.04	ng/kg	JB	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		170648-26-9	1,2,3,4,7,8-HXCDF	0.248	J	0.0177	5.04	ng/kg	JB	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		172918-21-9	1,2,3,7,8,9-HXCDF	5.04	U	0.0215	5.04	ng/kg	JBQ	U	B	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		172918-21-9	1,2,3,7,8,9-HXCDF	5.04	U	0.0215	5.04	ng/kg	JBQ	U	B	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		172918-21-9	1,2,3,7,8,9-HXCDF	5.04	U	0.0215	5.04	ng/kg	JBQ	U	B	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2		17429-90-5	ALUMINUM (FUME OR DUST)	16000		7.81	40.5	mg/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2		17439-89-6	IRON	19600		3.85	40.5	mg/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2		17439-92-1	LEAD	8.09		0.476	3.04	mg/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2		17439-93-2	LITHIUM	20.5		0.56	4.0	mg/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2		17439-95-4	MAGNESIUM	3750		1.75	10.1	mg/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2		17439-96-5	MANGANESE	313		0.0840	1.01	mg/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2		17439-98-7	MOLYBDENUM	2.02	U	0.172	2.02	mg/kg	J	U	F	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2		17440-02-0	NICKEL	11		0.111	2.02	mg/kg				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	6010C	6/18/2013	PH056	2.2		17440-09-7	POTASSIUM											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D SIM	12/14/2013	PH134	2		1218-01-9	Chrysene	2.2	J	0.34	1.7	ug/kg		J	FD, Q		1786218	267870	-118.7082
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		150-32-8	BENZO(A)PYRENE	0.67	J	0.67	1.7	ug/kg	J	J	Z		1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		184-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		184-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		185-01-8	PHENANTHRENE	0.93	J	0.67	1.7	ug/kg	J	J	Z		1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	8270D SIM	6/23/2013	PH056	2.2		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	9045M	6/14/2013	PH056	2.2		pH	PH	6.25		0.0100	0.0100	pH unit					1786148	266908.5	-118.70841
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	160.3M	6/18/2013	PH056	1		1MOIST	MOISTURE	1		0.10	0.10	%					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		11746-01-6	2,3,7,8-TCDD	0.0445	J	0.0244	0.984	ng/kg	JQ	J	Z		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.56	J	0.0405	4.92	ng/kg	JB	J	Z		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		13268-87-9	OCDD	892		0.0488	9.84	ng/kg	B				1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	40.1		0.0672	4.92	ng/kg	B				1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		139001-02-0	OCDF	12.7		0.0258	9.84	ng/kg	B				1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.584	J	0.0434	4.92	ng/kg	JB	J	Z		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.374	J	0.0331	4.92	ng/kg	JBQ	J	Z		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.146	J	0.0315	0.984	ng/kg	J	J	Z		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.269	J	0.0236	4.92	ng/kg	JB	J	Z		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		157117-31-4	2,3,4,7,8-PECDF	0.25	J	0.0206	4.92	ng/kg	JBQ	J	Z		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.92	U	0.0214	4.92	ng/kg	JB	U	B		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		157117-44-9	1,2,3,6,7,8-HXCDF	0.186	J	0.0206	4.92	ng/kg	JB	J	Z		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.74	J	0.0446	4.92	ng/kg	J	J	Z		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		160851-34-5	2,3,4,6,7,8-HXCDF	0.214	J	0.0210	4.92	ng/kg	JB	J	Z		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		167562-39-4	1,2,3,4,6,7,8-HPCDF	3.79	J	0.0179	4.92	ng/kg	JB	J	Z		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		170648-26-9	1,2,3,4,7,8-HXCDF	0.275	J	0.0210	4.92	ng/kg	JB	J	Z		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		172918-21-9	1,2,3,7,8,9-HXCDF	4.92	U	0.0226	4.92	ng/kg	JB	U	B		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	1613B	6/25/2013	PH056	1		1TCDD TEQ	TCDD TEQ	1.22		0	0	ng/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17429-90-5	ALUMINUM (FUME OR DUST)	15300		7.56	39.2	mg/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17439-89-6	IRON	19700		3.73	39.2	mg/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17439-92-1	LEAD	9.25		0.461	2.94	mg/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17439-93-2	LITHIUM	19.2		0.54	3.9	mg/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17439-95-4	MAGNESIUM	3620		1.70	9.81	mg/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17439-96-5	MANGANESE	318		0.0814	0.981	mg/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17439-98-7	MOLYBDENUM	1.96	U	0.167	1.96	mg/kg	J	U	F		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17440-02-0	NICKEL	11.3		0.108	1.96	mg/kg					1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1		17440-09-7	POTASSIUM	3350	J	13.2	98.1	mg/kg		J	Q		1786075	266911.6	-118.70866
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	6010C	6/18/2013	PH056	1															

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	6010C	6/17/2013	PH055	6		1 7440-67-7	ZIRCONIUM	3	J	0.857	5.16	mg/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	6010C	6/17/2013	PH055	6		1 7440-70-2	CALCIUM METAL	2140		4.15	20.7	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	6010C	6/17/2013	PH055	6		1 7723-14-0	PHOSPHORUS	225		0.527	10.3	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	6020A	6/17/2013	PH055	6		2 7782-49-2	SELENIUM	0.413	U	0.103	0.413	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	6020A	6/17/2013	PH055	6		2 7440-22-4	SILVER	0.0341	J	0.0207	0.207	mg/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	6020A	6/17/2013	PH055	6		2 7440-24-6	STRONTIUM	20.4	J	0.0351	0.413	mg/kg		J	E, Q, A	1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	6020A	6/17/2013	PH055	6		2 7440-28-0	THALLIUM	0.268	J	0.0310	0.207	mg/kg		J	Q	1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	7471B	6/16/2013	PH055	6		1 7439-97-6	MERCURY	0.0169	U	0.0101	0.0169	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8015M	6/19/2013	PH055	6	24.61	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8015M	6/18/2013	PH055	6		1 PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8015M	6/18/2013	PH055	6		1 PHCC15C20	EFH (C15-C20)	2.3	J	2.1	5.3	mg/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8015M	6/18/2013	PH055	6		1 PHCC21C30	EFH (C21-C30)	9.1		2.1	5.3	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8015M	6/18/2013	PH055	6		1 PHCC30C40	EFH (C30-C40)	13		4.3	11	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8015M	6/18/2013	PH055	6		1 PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10	J	6.3	19	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 205-99-2	BENZO(B)FLUORANTHENE	2.3		0.70	1.8	ug/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 218-01-9	Chrysene	0.63	J	0.35	1.8	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 50-32-8	BENZO(A)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 83-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 85-01-8	PHENANTHRENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 86-73-7	FLUORENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 91-20-3	NAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	8270D SIM	6/23/2013	PH055	6		1 91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-9.0-10.0	6/12/2013	N	9	10	ft	SO	5A DG		7091442	LL	9045M	6/13/2013	PH055	6		1 pH	PH	7.21		0.0100	0.0100	pH unit				1786530	267095.7	-118.70716
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	160.3M	6/18/2013	PH055	4.1	1	MOIST	MOISTURE	4.1		0.10	0.10	%				1786410	267030.7	-118.70755
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	9045M	6/13/2013	PH055	5.8	1	pH	PH	6.63		0.0100	0.0100	pH unit				1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8270D SIM	6/22/2013	PH055	5.8		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	12	J	6.3	19	ug/kg	J	J	Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8270D SIM	6/22/2013	PH055	5.8		1 117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-4.5-5.5	6/12/2013	N	4.5	5.5	ft	SO	5A DG		7091436	LL	8270D SIM	6/22/2013	PH055	5.8		1 120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1786308	267092.3	-118.70789
SL-7																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-36-0	ANTIMONY	4.11	UJ	0.513	4.11	mg/kg	U	UJ	Q	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-38-2	ARSENIC	3.81	J	0.339	4.11	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-39-3	BARIUM	105		0.0339	1.03	mg/kg				1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-41-7	BERYLLIUM	0.641	J	0.0688	1.03	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-42-8	BORON	4.55	J	0.852	10.3	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-43-9	CADMIUM	0.561	J	0.0339	1.03	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-47-3	CHROMIUM	19.6		0.0903	3.08	mg/kg				1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-48-4	COBALT	6.18		0.0924	1.03	mg/kg				1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-62-2	VANADIUM (FUME OR DUST)	36.4		0.113	1.03	mg/kg				1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-66-6	ZINC	45.4		0.205	4.11	mg/kg				1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-67-7	ZIRCONIUM	1.28	J	0.852	5.13	mg/kg	J	J	FD, Z	1786117	267076.6	-118.70852
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8081B	6/20/2013	PH052	1.7		1	2385-85-5	MIREX	1.7	U	0.36	1.7	ug/kg	U			1786077	267113.1	-118.70865
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7440-70-2	CALCIUM METAL	1710		4.13	20.5	mg/kg				1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6010C	6/19/2013	PH052	4.5		1	7723-14-0	PHOSPHORUS	259		0.524	10.3	mg/kg				1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6020A	6/19/2013	PH052	4.5		2	7782-49-2	SELENIUM	0.197	J	0.103	0.411	mg/kg	J	J	Q, E, Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6020A	6/19/2013	PH052	4.5		2	7440-22-4	SILVER	0.0459	J	0.0205	0.205	mg/kg	J	J	Q, E, Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6020A	6/19/2013	PH052	4.5		2	7440-24-6	STRONTIUM	24.3	J	0.0349	0.411	mg/kg		J	Q, E	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	6020A	6/19/2013	PH052	4.5		2	7440-28-0	THALLIUM	0.277	J	0.0308	0.205	mg/kg	J	J	Q, E	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	7471B	6/17/2013	PH052	4.5		1	7439-97-6	MERCURY	0.0114	J	0.0103	0.0172	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8015M	6/15/2013	PH052	4.5		1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8015M	6/15/2013	PH052	4.5		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8015M	6/15/2013	PH052	4.5		1	PHCC21C30	EFH (C21-C30)	4.4	J	2.1	5.2	mg/kg	J	J	Z	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8015M	6/15/2013	PH052	4.5		1	PHCC30C40	EFH (C30-C40)	12	J	4.2	10	mg/kg		J	FD	1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8015M	6/15/2013	PH052	4.5		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	1024-57-3	HEPTACHLOR EPOXIDE	0.87	U	0.18	0.87	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	1031-07-8	ENDOSULFAN SULFATE	1.8	U	0.34	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	2385-85-5	MIREX	1.8	U	0.37	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	309-00-2	ALDRIN	0.87	U	0.18	0.87	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	319-84-6	ALPHA-BHC	0.87	U	0.18	0.87	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	319-85-7	BETA-BHC	2	U	1.0	2.0	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	319-86-8	DELTA-BHC	0.87	U	0.47	0.87	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	33213-65-9	ENDOSULFAN II	1.8	U	0.34	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	50-29-3	4,4'-DDT	1.8	U	0.37	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	53494-70-5	ENDRIN KETONE	1.9	U	0.63	1.9	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	57-74-9	CHLORDANE	18	U	4.2	18	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	58-89-9	gamma-BHC (Lindane)	0.87	U	0.18	0.87	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	60-57-1	DIELDRIN	1.8	U	0.34	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	72-20-8	ENDRIN	1.8	U	0.34	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	72-43-5	Methoxychlor	7	U	1.8	7.0	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	72-54-8	4,4'-DDD	1.8	U	0.34	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	72-55-9	4,4'-DDE	1.8	U	0.34	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-1174-SA5A-SB-0.0-0.5	6/10/2013	FD	0	0.5	ft	SO	5A DG	SL-774-SA5A-SB-0.0-0.5	7088256	LL	8081B	6/20/2013	PH052	4.5		1	7421-93-4	ENDRIN ALDEHYDE	1.8	U	0.34	1.8	ug/kg	U					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.34	U	0.0248	5.34	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		139001-02-0	OCDF	10.7	U	0.0301	10.7	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.34	U	0.0236	5.34	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.34	U	0.0425	5.34	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.07	U	0.0319	1.07	ng/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.34	U	0.0124	5.34	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		157117-31-4	2,3,4,7,8-PECDF	5.34	U	0.0248	5.34	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.34	U	0.0247	5.34	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		157117-44-9	1,2,3,6,7,8-HXCDF	5.34	U	0.0134	5.34	ng/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.34	U	0.0273	5.34	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		160851-34-5	2,3,4,6,7,8-HXCDF	5.34	U	0.0126	5.34	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.34	U	0.00819	5.34	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		170648-26-9	1,2,3,4,7,8-HXCDF	5.34	U	0.0142	5.34	ng/kg	JB	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		172918-21-9	1,2,3,7,8,9-HXCDF	5.34	U	0.0170	5.34	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	1613B	6/22/2013	PH055	7.2		1TCDD TEQ	TCDD TEQ	0.0307		0	0	ng/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	160.3M	6/18/2013	PH055	7.2		1MOIST	MOISTURE	7.2		0.10	0.10	%				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	9045M	6/13/2013	PH055	2.4		1pH	PH	6.5		0.0100	0.0100	pH unit				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	140		6.1	18	ug/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1117-84-0	Di-n-octylphthalate	51		6.1	18	ug/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1129-00-0	PYRENE	0.9	J	0.68	1.7	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1205-99-2	BENZO(B)FLUORANTHENE	3.4		0.68	1.7	ug/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1206-44-0	FLUORANTHENE	0.99	J	0.68	1.7	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1218-01-9	Chrysene	0.64	J	0.34	1.7	ug/kg	J	J	Z	1786254	267824.5	-118.70809
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		185-01-8	PHENANTHRENE	0.73	J	0.68	1.7	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8270D SIM	6/23/2013	PH055	2.4		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8015M	6/18/2013	PH055	2.4		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	8015M	6/18/2013	PH055	2.4		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		185-01-8	PHENANTHRENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		186-73-7	FLUORENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		191-20-3	NAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	9045M	6/18/2013	PH058	6.6		1pH	PH	6.78		0.0100	0.0100	pH unit				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	160.3M	6/25/2013	PH058	2.3		1MOIST	MOISTURE	2.3		0.10	0.10	%				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17439-92-1	LEAD	12.4		0.507	3.04	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17439-93-2	LITHIUM	20.1		0.34	4.1	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17439-95-4	MAGNESIUM	4180		1.69	10.1	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17439-96-5	MANGANESE	344	J	0.0841	1.01	mg/kg	J	J	E	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17439-98-7	MOLYBDENUM	2.03	U	0.172	2.03	mg/kg	J	U	F, B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-02-0	NICKEL	15		0.132	2.03	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-09-7	POTASSIUM	4190	J	8.45	101	mg/kg		J	Q	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-23-5	SODIUM	84.2	J	16.9	101	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-32-6	TITANIUM METAL POWDER	1270		0.172	1.01	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-36-0	ANTIMONY	4.05	UJ	0.750	4.05	mg/kg	U	UJ	Q	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-38-2	ARSENIC	4.17		0.709	4.05	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-39-3	BARIUM	106		0.0334	1.01	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-41-7	BERYLLIUM	0.599	J	0.0679	1.01	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-42-8	BORON	10.1	U	0.851	10.1	mg/kg	J	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-43-9	CADMIUM	0.301	J	0.0770	1.01	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-47-3	CHROMIUM	25.1		0.162	3.04	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-48-4	COBALT	5.48	J	0.100	1.01	mg/kg		J	E	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-50-8	COPPER	9.97	J	0.294	2.03	mg/kg		J	A	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-62-2	VANADIUM (FUME OR DUST)	37.5		0.132	1.01	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-66-6	ZINC	64.2		0.203	4.05	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-67-7	ZIRCONIUM	4.04	J	0.851	5.07	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17440-70-2	CALCIUM METAL	2120		3.38	20.3	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6010C	6/27/2013	PH058	2.3		17723-14-0	PHOSPHORUS	427		2.93	10.1	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6020A	6/27/2013	PH058	2.3		27782-49-2	SELENIUM	0.202	J	0.101	0.405	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6020A	6/27/2013	PH058	2.3		27440-22-4	SILVER	0.0692	J	0.0263	0.203	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6020A	6/27/2013	PH058	2.3		27440-24-6	STRONTIUM	31.7	J	0.0527	0.405	mg/kg		J	Q	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	6020A	6/27/2013	PH058	2.3		27440-28-0	THALLIUM	0.405		0.0304	0.203	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	7471B	6/28/2013	PH058	2.3		17439-97-6	MERCURY	0.0139	J	0.010	0.0166	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8015M	6/25/2013	PH058	2.3		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8015M	6/25/2013	PH058	2.3		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8015M	6/25/2013	PH058	2.3		1PHCC21C30	EFH (C21-C30)	15		2.0	5.1	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8015M	6/25/2013	PH058	2.3		1PHCC30C40	EFH (C30-C40)	30		4.1	10	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8015M	6/25/2013	PH058	2.3		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8270D SIM	6/28/2013	PH058	2.3		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	12	J	6.1	18	ug/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8270D SIM	6/28/2013	PH058	2.3		1117-84-0	Di-n-octylphtalate	120		6.1	18	ug/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8270D SIM	6/28/2013	PH058	2.3		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8270D SIM	6/28/2013	PH058	2.3		1129-00-0	PYRENE	2.8		0.68</								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	1613B	6/29/2013	PH058	4.6		157117-44-9	1,2,3,6,7,8-HXCDF	5.19	U	0.00755	5.19	ng/kg	JBQ	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	1613B	6/29/2013	PH058	4.6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.19	UJ	0.0264	5.19	ng/kg	JBQ	UJ	B, FD	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	1613B	6/29/2013	PH058	4.6		160851-34-5	2,3,4,6,7,8-HXCDF	5.19	U	0.00755	5.19	ng/kg	JB	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	1613B	6/29/2013	PH058	4.6		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.19	U	0.00702	5.19	ng/kg	JBQ	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	1613B	6/29/2013	PH058	4.6		170648-26-9	1,2,3,4,7,8-HXCDF	5.19	U	0.00828	5.19	ng/kg	JBQ	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	1613B	6/29/2013	PH058	4.6		172918-21-9	1,2,3,7,8,9-HXCDF	5.19	U	0.00870	5.19	ng/kg	JBQ	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	1613B	6/29/2013	PH058	4.6		1TCDD TEQ	TCDD TEQ	0.0568		0	0	ng/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/28/2013	PH058	4.6	5	7439-89-6	IRON	35600		18.8	208	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7429-90-5	ALUMINUM (FUME OR DUST)	22700		7.48	41.5	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7439-92-1	LEAD	11.8		0.519	3.11	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7439-93-2	LITHIUM	45.9		0.35	4.2	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7439-95-4	MAGNESIUM	8040		1.73	10.4	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7439-96-5	MANGANESE	372	J	0.0861	1.04	mg/kg		J	E	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7439-98-7	MOLYBDENUM	2.08	UJ	0.176	2.08	mg/kg	J	UJ	F, FD, B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-02-0	NICKEL	23.3		0.135	2.08	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-09-7	POTASSIUM	2950	J	8.66	104	mg/kg		J	Q	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-23-5	SODIUM	181		17.3	104	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-31-5	TIN	10.4	U	0.228	10.4	mg/kg	J	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-32-6	TITANIUM METAL POWDER	1530		0.176	1.04	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-36-0	ANTIMONY	4.15	UJ	0.768	4.15	mg/kg	U	UJ	Q	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-38-2	ARSENIC	10.8		0.726	4.15	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-39-3	BARIUM	126		0.0342	1.04	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-41-7	BERYLLIUM	1.08		0.0695	1.04	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-42-8	BORON	10.4	U	0.872	10.4	mg/kg	J	U	B	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-43-9	CADMIUM	1.04	UJ	0.0789	1.04	mg/kg	U	UJ	FD	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-47-3	CHROMIUM	36.2		0.166	3.11	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-48-4	COBALT	8.66	J	0.103	1.04	mg/kg		J	E	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-50-8	COPPER	17.9	J	0.301	2.08	mg/kg		J	A	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-62-2	VANADIUM (FUME OR DUST)	59.6		0.135	1.04	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-66-6	ZINC	86.7		0.208	4.15	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-67-7	ZIRCONIUM	5.06	J	0.872	5.19	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7440-70-2	CALCIUM METAL	4440		3.47	20.8	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6010C	6/27/2013	PH058	4.6	1	7723-14-0	PHOSPHORUS	581		3.00	10.4	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6020A	6/27/2013	PH058	4.6	2	7782-49-2	SELENIUM	0.338	J	0.104	0.415	mg/kg	J	J	Z	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6020A	6/27/2013	PH058	4.6	2	7440-22-4	SILVER	0.208	U	0.0270	0.208	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6020A	6/27/2013	PH058	4.6	2	7440-24-6	STRONTIUM	32.8	J	0.0540	0.415	mg/kg		J	Q	1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	6020A	6/27/2013	PH058	4.6	2	7440-28-0	THALLIUM	0.36		0.0311	0.208	mg/kg				1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	7471B	6/28/2013	PH058	4.6	1	7439-97-6	MERCURY	0.0165	U	0.0099	0.0165	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8015M	6/25/2013	PH058	4.6	1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8015M	6/25/2013	PH058	4.6	1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8015M	6/25/2013	PH058	4.6	1	PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8015M	6/25/2013	PH058	4.6	1	PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8015M	6/25/2013	PH058	4.6	1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8015M	6/21/2013	PH058	4.6	24.65	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786397	267222.9	-118.7076
SL-780-SA5A-SB-3.0-4.0	6/17/2013	N	3	4	ft	SO	5A DG		7096473	LL	8270D SIM	6/28/2013	PH058	4.6	1	117-84-0	Di-n-octylphtalate	19	U	6.2	19	ug/kg	U					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-09-7	POTASSIUM	3460		13.2	97.6	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-23-5	SODIUM	61.6	J	16.3	97.6	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-31-5	TIN	9.76	U	0.215	9.76	mg/kg	J	U	B	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-32-6	TITANIUM METAL POWDER	929		0.166	0.976	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-36-0	ANTIMONY	3.9	UJ	0.488	3.90	mg/kg	J	UJ	B, Q	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-38-2	ARSENIC	4.61		0.322	3.90	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-39-3	BARIUM	101		0.0322	0.976	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-41-7	BERYLLIUM	0.587	J	0.0654	0.976	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-42-8	BORON	3.1	J	0.810	9.76	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-43-9	CADMIUM	0.314	J	0.0322	0.976	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-47-3	CHROMIUM	18.9		0.0859	2.93	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-48-4	COBALT	5.58		0.0879	0.976	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-50-8	COPPER	10.8		0.176	1.95	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-62-2	VANADIUM (FUME OR DUST)	33.1		0.107	0.976	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-66-6	ZINC	53.3		0.195	3.90	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-67-7	ZIRCONIUM	3.22	J	0.810	4.88	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17440-70-2	CALCIUM METAL	2020	J	3.92	19.5	mg/kg		J	Q	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6010C	6/4/2013	PH041	1.5		17723-14-0	PHOSPHORUS	389	J	0.498	9.76	mg/kg		J	Q	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6020A	6/9/2013	PH041	1.5		27440-24-6	STRONTIUM	20.6	J	0.0332	0.390	mg/kg		J	Q	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6020A	6/4/2013	PH041	1.5		27782-49-2	SELENIUM	0.119	J	0.0976	0.390	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6020A	6/4/2013	PH041	1.5		27440-22-4	SILVER	0.0566	J	0.0195	0.195	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	6020A	6/4/2013	PH041	1.5		27440-28-0	THALLIUM	0.239		0.0293	0.195	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	7471B	6/4/2013	PH041	1.5		17439-97-6	MERCURY	0.0108	J	0.0096	0.0160	mg/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8015M	6/4/2013	PH041	1.5		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8015M	6/4/2013	PH041	1.5		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8015M	6/4/2013	PH041	1.5		1PHCC21C30	EFH (C21-C30)	15		2.0	5.1	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8015M	6/4/2013	PH041	1.5		1PHCC30C40	EFH (C30-C40)	30		4.1	10	mg/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8015M	6/4/2013	PH041	1.5		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	6.7	J	6.1	18	ug/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1129-00-0	PYRENE	1.7		0.68	1.7	ug/kg	J			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1191-24-2	BENZO(G,H,I)PERYLENE	0.77	J	0.68	1.7	ug/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1205-99-2	BENZO(B)FLUORANTHENE	2		0.68	1.7	ug/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1206-44-0	FLUORANTHENE	2.5		0.68	1.7	ug/kg				1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1207-08-9	BENZO(K)FLUORANTHENE	0.72	J	0.68	1.7	ug/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786768	267135	-118.70637
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8270D SIM	12/4/2013	PH131	3.1		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786201	267277	-118.70826
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		150-32-8	BENZO(A)PYRENE	0.88	J	0.68	1.7	ug/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		156-55-3	BENZO(A)ANTHRACENE	0.72	J	0.68	1.7	ug/kg	J	J	Z	1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786768	267135	-118.70637
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO																						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	6010C	6/4/2013	PH041	1.7		17439-98-7	MOLYBDENUM	1.99	U	0.170	1.99	mg/kg	J	U	B, F	1786769	267128.8	-118.70636
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	6010C	6/4/2013	PH041	1.7		17440-02-0	NICKEL	13.9	J	0.110	1.99	mg/kg	J	U	A	1786769	267128.8	-118.70636
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-41-7	BERYLLIUM	0.603	J	0.0663	0.990	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-42-8	BORON	2.63	J	0.822	9.90	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-43-9	CADMIUM	0.308	J	0.0327	0.990	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-47-3	CHROMIUM	19.2		0.0871	2.97	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-48-4	COBALT	5.61		0.0891	0.990	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-50-8	COPPER	10.5		0.178	1.98	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-62-2	VANADIUM (FUME OR DUST)	33.3		0.109	0.990	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-66-6	ZINC	56.1		0.198	3.96	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-67-7	ZIRCONIUM	3.42	J	0.822	4.95	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-70-2	CALCIUM METAL	2160	J	3.98	19.8	mg/kg		J	Q	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17723-14-0	PHOSPHORUS	327	J	0.505	9.90	mg/kg		J	Q	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6020A	6/9/2013	PH042	1		27440-24-6	STRONTIUM	22	J	0.0337	0.396	mg/kg		J	Q	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6020A	6/4/2013	PH042	1		27782-49-2	SELENIUM	0.102	J	0.0990	0.396	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6020A	6/4/2013	PH042	1		27440-22-4	SILVER	0.0605	J	0.0198	0.198	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6020A	6/4/2013	PH042	1		27440-28-0	THALLIUM	0.235		0.0297	0.198	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	7471B	6/4/2013	PH042	1		17439-97-6	MERCURY	0.0132	J	0.0093	0.0156	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8015M	6/4/2013	PH042	1		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8015M	6/4/2013	PH042	1		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8015M	6/4/2013	PH042	1		1PHCC21C30	EFH (C21-C30)	7.8		2.0	5.1	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8015M	6/4/2013	PH042	1		1PHCC30C40	EFH (C30-C40)	17		4.0	10	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8015M	6/4/2013	PH042	1		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1117-84-0	Di-n-octylphtthalate	18	U	6.1	18	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1120-12-7	ANTHRACENE	0.47	J	0.34	1.7	ug/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1129-00-0	PYRENE	5.5		0.67	1.7	ug/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1191-24-2	BENZO(C,H,I)PERYLENE	0.79	J	0.67	1.7	ug/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1205-99-2	BENZO(B)FLUORANTHENE	2.6		0.67	1.7	ug/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1206-44-0	FLUORANTHENE	3.9		0.67	1.7	ug/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1207-08-9	BENZO(K)FLUORANTHENE	1.1	J	0.67	1.7	ug/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786822	267092.9	-118.70619
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		150-32-8	BENZO(A)PYRENE	0.9	J	0.67	1.7	ug/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		156-55-3	BENZO(A)ANTHRACENE	0.83	J	0.67	1.7	ug/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		184-74-2	Di-n-butylphtthalate	18	U	6.1	18	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		185-01-8	PHENANTHRENE	3.5		0.67	1.7	ug/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft																							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	1613B	6/5/2013	PH042	2.2		157117-44-9	1,2,3,6,7,8-HXCDF	0.297	J	0.0674	5.07	ng/kg	JB	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	1613B	6/5/2013	PH042	2.2		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.355	J	0.0673	5.07	ng/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	1613B	6/5/2013	PH042	2.2		160851-34-5	2,3,4,6,7,8-HXCDF	0.189	J	0.0703	5.07	ng/kg	JBQ	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	1613B	6/5/2013	PH042	2.2		167562-39-4	1,2,3,4,6,7,8-HPCDF	1.52	J	0.0684	5.07	ng/kg	JB	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	1613B	6/5/2013	PH042	2.2		170648-26-9	1,2,3,4,7,8-HXCDF	0.251	J	0.0701	5.07	ng/kg	JBQ	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	1613B	6/5/2013	PH042	2.2		172918-21-9	1,2,3,7,8,9-HXCDF	0.124	J	0.0774	5.07	ng/kg	JB	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	1613B	6/5/2013	PH042	2.2		1TCDD TEQ	TCDD TEQ	0.174		0	0	ng/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17429-90-5	ALUMINUM (FUME OR DUST)	14500		7.58	39.3	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17439-89-6	IRON	17900		3.74	39.3	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17439-92-1	LEAD	5.9		0.462	2.95	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17439-93-2	LITHIUM	18.3		0.54	3.9	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17439-95-4	MAGNESIUM	3350		1.70	9.83	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17439-96-5	MANGANESE	258		0.0816	0.983	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17439-98-7	MOLYBDENUM	1.97	U	0.167	1.97	mg/kg	J	U	B, F	1786874	267148.9	-118.70602
SL-833-SA5A-SB-2.5-3.5	5/30/2013	N	2.5	3.5	ft	SO	5A DG		7076744	LL	160.3M	6/4/2013	PH043	4		1MOIST	MOISTURE	4		0.10	0.10	%				1786598	266989.8	-118.70693
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-02-0	NICKEL	10.6	J	0.108	1.97	mg/kg		J	A	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-09-7	POTASSIUM	2320		13.3	98.3	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-23-5	SODIUM	61.9	J	16.4	98.3	mg/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-31-5	TIN	9.83	U	0.216	9.83	mg/kg	J	U	B	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-32-6	TITANIUM METAL POWDER	921		0.167	0.983	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-36-0	ANTIMONY	3.93	UJ	0.492	3.93	mg/kg	J	UJ	B, Q	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-38-2	ARSENIC	4.75		0.324	3.93	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-39-3	BARIUM	79.7		0.0324	0.983	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-41-7	BERYLLIUM	0.611	J	0.0659	0.983	mg/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-42-8	BORON	2.28	J	0.816	9.83	mg/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-43-9	CADMIUM	0.182	J	0.0324	0.983	mg/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-47-3	CHROMIUM	18.1		0.0865	2.95	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-48-4	COBALT	5.04		0.0885	0.983	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-50-8	COPPER	7.84		0.177	1.97	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-62-2	VANADIUM (FUME OR DUST)	32		0.108	0.983	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-66-6	ZINC	41.2		0.197	3.93	mg/kg				1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-67-7	ZIRCONIUM	3.4	J	0.816	4.92	mg/kg	J	J	Z	1786874	267148.9	-118.70602
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	6010C	6/4/2013	PH042	2.2		17440-70-2	CALCIUM METAL	1640	J	3.95	19.7	mg/kg		J	Q	1786874	267148.9	-118.70602
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8015M	6/5/2013	PH043	4.2	25.2	GROCS612	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1129-00-0	PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.70	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1206-44-0	FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	8270D SIM	6/10/2013	PH043	4.2		1208-96-8	AC											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	1613B	6/5/2013	PH043	13.7		160851-34-5	2,3,4,6,7,8-HXCDF	0.257	J	0.0718	5.52	ng/kg	JBQ	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	1613B	6/5/2013	PH043	13.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	2.09	J	0.0418	5.52	ng/kg	JB	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	1613B	6/5/2013	PH043	13.7		170648-26-9	1,2,3,4,7,8-HXCDF	0.297	J	0.0695	5.52	ng/kg	JB	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	1613B	6/5/2013	PH043	13.7		172918-21-9	1,2,3,7,8,9-HXCDF	0.316	J	0.0811	5.52	ng/kg	JB	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	1613B	6/5/2013	PH043	13.7		17CDD TEQ	TCDD TEQ	0.675		0		ng/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17429-90-5	ALUMINUM (FUME OR DUST)	14200		8.59	44.6	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17439-89-6	IRON	17900		4.23	44.6	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17439-92-1	LEAD	6.13		0.524	3.34	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17439-93-2	LITHIUM	19		0.61	4.5	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17439-95-4	MAGNESIUM	3570		1.93	11.1	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17439-96-5	MANGANESE	319	J	0.0925	1.11	mg/kg		J	E	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17439-98-7	MOLYBDENUM	2.23	U	0.189	2.23	mg/kg	J	U	F	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-02-0	NICKEL	11.6		0.123	2.23	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-09-7	POTASSIUM	3520	J	15.0	111	mg/kg		J	Q	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-23-5	SODIUM	80.8	J	18.6	111	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-31-5	TIN	11.1	U	0.245	11.1	mg/kg	J	U	B	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-32-6	TITANIUM METAL POWDER	1140		0.189	1.11	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-36-0	ANTIMONY	4.46	UJ	0.557	4.46	mg/kg	J	UJ	B, Q	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-38-2	ARSENIC	5.2		0.368	4.46	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-39-3	BARIUM	100		0.0368	1.11	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-41-7	BERYLLIUM	0.548	J	0.0747	1.11	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-42-8	BORON	2.89	J	0.925	11.1	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-43-9	CADMIUM	0.332	J	0.0368	1.11	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-47-3	CHROMIUM	19.5		0.0980	3.34	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-48-4	COBALT	5.52	J	0.100	1.11	mg/kg		J	E	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-50-8	COPPER	10.5		0.201	2.23	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-62-2	VANADIUM (FUME OR DUST)	32.3		0.123	1.11	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-66-6	ZINC	50.6		0.223	4.46	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-67-7	ZIRCONIUM	4.08	J	0.925	5.57	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17440-70-2	CALCIUM METAL	2000		4.48	22.3	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6010C	6/6/2013	PH043	13.7		17723-14-0	PHOSPHORUS	373		0.568	11.1	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6020A	6/11/2013	PH043	13.7		27782-49-2	SELENIUM	0.146	J	0.111	0.446	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6020A	6/11/2013	PH043	13.7		27440-22-4	SILVER	0.0354	J	0.0223	0.223	mg/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6020A	6/11/2013	PH043	13.7		27440-24-6	STRONTIUM	21.8		0.0379	0.446	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	6020A	6/11/2013	PH043	13.7		27440-28-0	THALLIUM	0.277		0.0334	0.223	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	7471B	6/7/2013	PH043	13.7		17439-97-6	MERCURY	0.0187	U	0.0112	0.0187	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8015M	6/6/2013	PH043	13.7		1PHCC12C14	EFH (C12-C14)	5.8	U	2.3	5.8	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8015M	6/6/2013	PH043	13.7		1PHCC15C20	EFH (C15-C20)	5.8	U	2.3	5.8	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8015M	6/6/2013	PH043	13.7		1PHCC21C30	EFH (C21-C30)	8.5		2.3	5.8	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8015M	6/6/2013	PH043	13.7		1PHCC30C40	EFH (C30-C40)	16		4.6	12	mg/kg				1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8015M	6/6/2013	PH043	13.7		1PHCC8C11	EFH (C8-C11)	5.8	U	2.3	5.8	mg/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8270D SIM	6/10/2013	PH043	13.7		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	21	U	7.0	21	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8270D SIM	6/10/2013	PH043	13.7		1117-84-0	Di-n-octylphtalate	21	U	7.0	21	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8270D SIM	6/10/2013	PH043	13.7		1120-12-7	ANTHRACENE	1.9	U	0.39	1.9	ug/kg	U			1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8270D SIM	6/10/2013	PH043	13.7		1129-00-0	PYRENE	0.97	J	0.77	1.9	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8270D SIM	6/10/2013	PH043	13.7		1131-11-3	DIMETHYL PHTHALATE	21	U	7.0	21	ug/kg						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	1613B	6/16/2013	PH047	2.2	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.74	J	0.0312	4.89	ng/kg	JB	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	1613B	6/16/2013	PH047	2.2	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.57	J	0.0210	4.89	ng/kg	JB	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	1613B	6/16/2013	PH047	2.2	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	12.5		0.0173	4.89	ng/kg	B			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	1613B	6/16/2013	PH047	2.2	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.429	J	0.0240	4.89	ng/kg	JB	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	1613B	6/16/2013	PH047	2.2	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.346	J	0.0270	4.89	ng/kg	JB	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	1613B	6/16/2013	PH047	2.2	1	TCDD TEQ	TCDD TEQ	1.81		0	0	ng/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/13/2013	PH047	2.2	1	7440-70-2	CALCIUM METAL	1680		4.07	20.2	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/14/2013	PH047	2.2	5	7440-50-8	COPPER	9.36	J	0.911	10.1	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7429-90-5	ALUMINUM (FUME OR DUST)	10800		7.81	40.5	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7439-89-6	IRON	14700		3.85	40.5	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7439-92-1	LEAD	7.59		0.476	3.04	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7439-93-2	LITHIUM	14.6		0.56	4.0	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7439-95-4	MAGNESIUM	2870		1.75	10.1	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7439-96-5	MANGANESE	275		0.0840	1.01	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7439-98-7	MOLYBDENUM	2.02	U	0.172	2.02	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-02-0	NICKEL	7.82		0.111	2.02	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-09-7	POTASSIUM	2890		13.7	101	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-23-5	SODIUM	65.7	J	16.9	101	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-32-6	TITANIUM METAL POWDER	965		0.172	1.01	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-36-0	ANTIMONY	4.05	U	0.506	4.05	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-38-2	ARSENIC	2.96	J	0.334	4.05	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-39-3	BARIUM	80.9		0.0334	1.01	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-41-7	BERYLLIUM	0.403	J	0.0678	1.01	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-42-8	BORON	3.42	J	0.840	10.1	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-43-9	CADMIUM	0.462	J	0.0334	1.01	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-47-3	CHROMIUM	14.5		0.0891	3.04	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-48-4	COBALT	4.01		0.0911	1.01	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-62-2	VANADIUM (FUME OR DUST)	25.2		0.111	1.01	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-66-6	ZINC	44.7		0.202	4.05	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7440-67-7	ZIRCONIUM	1.02	J	0.840	5.06	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6010C	6/12/2013	PH047	2.2	1	7723-14-0	PHOSPHORUS	348		0.516	10.1	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6020A	6/11/2013	PH047	2.2	2	7782-49-2	SELENIUM	0.102	J	0.101	0.405	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6020A	6/11/2013	PH047	2.2	2	7440-22-4	SILVER	0.105	J	0.0202	0.202	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6020A	6/11/2013	PH047	2.2	2	7440-24-6	STRONTIUM	14.5		0.0344	0.405	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	6020A	6/11/2013	PH047	2.2	2	7440-28-0	THALLIUM	0.199	J	0.0304	0.202	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	7471B	6/11/2013	PH047	2.2	1	7439-97-6	MERCURY	0.0118	J	0.0098	0.0163	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8015M	6/13/2013	PH047	2.2	1	PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8015M	6/13/2013	PH047	2.2	1	PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8015M	6/13/2013	PH047	2.2	1	PHCC21C30	EFH (C21-C30)	7.3		2.0	5.1	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8015M	6/13/2013	PH047	2.2	1	PHCC30C40	EFH (C30-C40)	23		4.1	10	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8015M	6/13/2013	PH047	2.2	1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8270D SIM	6/14/2013	PH047	2.2	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8270D SIM	6/14/2013	PH047	2.2	1	117-84-0	Di-n-octylphtalate	18	U	6.1	18	ug/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	120-12-7	6/14/2013	PH047	2.2	1	120-12-7	ANTHRACENE	0.58	J	0.34	1.7	ug/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8270D SIM	6/14/2013	PH047	2.2	1	129-00-0	PYRENE	1.5	J	0.68								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	1613B	6/16/2013	PH047	5.4		157117-44-9	1,2,3,6,7,8-HXCDF	5.12	U	0.00655	5.12	ng/kg	JBQ	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	1613B	6/16/2013	PH047	5.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.12	U	0.0118	5.12	ng/kg	JB	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	1613B	6/16/2013	PH047	5.4		160851-34-5	2,3,4,6,7,8-HXCDF	5.12	U	0.00592	5.12	ng/kg	JBQ	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	1613B	6/16/2013	PH047	5.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.12	U	0.00560	5.12	ng/kg	JB	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	1613B	6/16/2013	PH047	5.4		170648-26-9	1,2,3,4,7,8-HXCDF	5.12	U	0.00708	5.12	ng/kg	JBQ	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	1613B	6/16/2013	PH047	5.4		172918-21-9	1,2,3,7,8,9-HXCDF	5.12	U	0.00803	5.12	ng/kg	JB	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	1613B	6/16/2013	PH047	5.4		1TCDD TEQ	TCDD TEQ	0.0359		0	0	ng/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/14/2013	PH047	5.4		57440-50-8	COPPER	9.98	J	0.942	10.5	mg/kg	J	J	Z	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17429-90-5	ALUMINUM (FUME OR DUST)	19500		8.07	41.9	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17439-89-6	IRON	25200		3.98	41.9	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17439-92-1	LEAD	7.62		0.492	3.14	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17439-93-2	LITHIUM	30.4		0.58	4.2	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17439-95-4	MAGNESIUM	4700		1.81	10.5	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17439-96-5	MANGANESE	357		0.0869	1.05	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17439-98-7	MOLYBDENUM	2.09	U	0.178	2.09	mg/kg	U			1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17440-02-0	NICKEL	10.8		0.115	2.09	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17440-09-7	POTASSIUM	1460		14.1	105	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17440-23-5	SODIUM	134		17.5	105	mg/kg				1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17440-31-5	TIN	10.5	U	0.230	10.5	mg/kg	J	U	B	1786441	266923.3	-118.70745
SL-814-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083694	LL	6010C	6/12/2013	PH047	5.4		17440-32-6	TITANIUM METAL POWDER	1310		0.178	1.05	mg/kg				1786441	266923.3	-118.70745
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		1218-01-9	Chrysene	1.8	U	0.36	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		150-32-8	BENZO(A)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		183-32-9	ACENAPHTHENE	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		184-66-2	DIETHYL PHTHALATE	19	U	6.5	19	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		184-74-2	Di-n-butylphthalate	19	U	6.5	19	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		185-01-8	PHENANTHRENE	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.5	19	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		186-73-7	FLUORENE	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		190-12-0	1-METHYLNAPHTHALENE	1.2	J	0.72	1.8	ug/kg	J	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		191-20-3	NAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8270D SIM	6/23/2013	PH057	8.7		191-57-6	2-METHYLNAPHTHALENE	0.74	J	0.72	1.8	ug/kg	J	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	9045M	6/15/2013	PH057	8.7		1pH	PH	6.54		0.0100	0.0100	pH unit				1786856	267386.7	-118.70608
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	160.3M	6/18/2013	PH056	1.5		1MOIST	MOISTURE	1.5		0.10	0.10	%				1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		11746-01-6	2,3,7,8-TCDD	0.0543	J	0.0304	1.01	ng/kg	JQ	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.13	J	0.0442	5.04	ng/kg	JBQ	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		13268-87-9	OCDD	399		0.0439	10.1	ng/kg	B			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	25.3		0.0656	5.04	ng/kg	B			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		139001-02-0	OCDF	9.56	J	0.0302	10.1	ng/kg	JB	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.404	J	0.0421	5.04	ng/kg	JB	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.261	J	0.0338	5.04	ng/kg	JBQ	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	1613B	6/25/2013	PH056	1.5		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0637	J	0.0293	1.01	ng/kg	JQ	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO																						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	6020A	6/19/2013	PH056	1.5		2	7782-49-2	SELENIUM	0.157	J	0.0995	0.398	mg/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	6020A	6/19/2013	PH056	1.5		2	7440-22-4	SILVER	0.0251	J	0.0199	0.199	mg/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	6020A	6/19/2013	PH056	1.5		2	7440-24-6	STRONTIUM	18.6		0.0338	0.398	mg/kg				1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	6020A	6/19/2013	PH056	1.5		2	7440-28-0	THALLIUM	0.257		0.0299	0.199	mg/kg				1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	7471B	6/18/2013	PH056	1.5		1	7439-97-6	MERCURY	0.0111	J	0.0097	0.0161	mg/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8015M	6/21/2013	PH056	1.5		1	PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8015M	6/21/2013	PH056	1.5		1	PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8015M	6/21/2013	PH056	1.5		1	PHCC21C30	EFH (C21-C30)	6.4		2.0	5.1	mg/kg				1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8015M	6/21/2013	PH056	1.5		1	PHCC30C40	EFH (C30-C40)	17		4.1	10	mg/kg				1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8015M	6/21/2013	PH056	1.5		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	15	J	6.0	18	ug/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	117-84-0	Di-n-octylphthalate	93		6.0	18	ug/kg				1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	120-12-7	ANTHRACENE	1.7	U	0.33	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	129-00-0	PYRENE	1.3	J	0.67	1.7	ug/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	191-24-2	BENZO(G,H,I)PERYLENE	0.7	J	0.67	1.7	ug/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	192-97-2	Benzo(e)pyrene	17	U	3.3	17	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	205-99-2	BENZO(B)FLUORANTHENE	2.5		0.67	1.7	ug/kg				1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	206-44-0	FLUORANTHENE	1.7		0.67	1.7	ug/kg	J			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.33	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	8270D SIM	12/4/2013	PH131	5.5		1	218-01-9	Chrysene	0.36	J	0.35	1.8	ug/kg	J	J	Z	1786407	267547.8	-118.70757
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	50-32-8	BENZO(A)PYRENE	0.85	J	0.67	1.7	ug/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	56-55-3	BENZO(A)ANTHRACENE	0.68	J	0.67	1.7	ug/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	83-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	84-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	84-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	85-01-8	PHENANTHRENE	1	J	0.67	1.7	ug/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	85-68-7	BENZYL BUTYL PHTHALATE	7.5	J	6.0	18	ug/kg	J	J	Z	1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	86-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	91-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	8270D SIM	6/23/2013	PH056	1.5		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786132	267035.6	-118.70847
SL-775-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093177	LL	9045M	6/14/2013	PH056	1.5		1	pH	PH	6.65		0.0100	0.0100	pH unit				1786132	267035.6	-118.70847
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	160.3M	6/18/2013	PH056	2.2		1	MOIST	MOISTURE	2.2		0.10	0.10	%				1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		1	1746-01-6	2,3,7,8-TCDD	0.0317	J	0.0202	1.01	ng/kg	JQ	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.1	J	0.0340	5.04	ng/kg	JB	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		1	3268-87-9	OCDD	854		0.0400	10.1	ng/kg	B			1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35.8		0.0613	5.04	ng/kg	B			1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		1	39001-02-0	OCDF	15.1		0.0225	10.1	ng/kg	B			1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.447	J	0.0330	5.04	ng/kg	JB	J	Z	1786148	266908.5	-118.70841
SL-790-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093175	LL	1613B	6/25/2013	PH056	2.2		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.295</										

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8015M	6/18/2013	PH055	4.8		1	PHCC30C40	EFH (C30-C40)	8.7	J	4.2	11	mg/kg	J	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8015M	6/18/2013	PH055	4.8		1	PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	J			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	9.6	J	6.3	19	ug/kg	J	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	117-84-0	Di-n-octylphthalate	13	J	6.3	19	ug/kg	J	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	129-00-0	PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	206-44-0	FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	218-01-9	Chrysene	1.8	U	0.35	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	83-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	85-01-8	PHENANTHRENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	86-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	91-20-3	NAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	9045M	6/13/2013	PH055	4.8		1	pH	PH	6.37		0.0100	0.0100	pH unit				1786377	267128.1	-118.70766
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	1746-01-6	2,3,7,8-TCDD	1.03	U	0.0288	1.03	ng/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.13	U	0.0389	5.13	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	3268-87-9	OCDD	95.3		0.0325	10.3	ng/kg	B			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.89	J	0.0482	5.13	ng/kg	JB	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	39001-02-0	OCDF	1.41	J	0.0288	10.3	ng/kg	JB	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.13	U	0.0376	5.13	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.13	U	0.0358	5.13	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.03	U	0.0269	1.03	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	55673-89-7	1,2,3,4,7,8-HPCDF	5.13	U	0.0231	5.13	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	57117-31-4	2,3,4,7,8-PECDF	5.13	U	0.0193	5.13	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.13	U	0.0184	5.13	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	57117-44-9	1,2,3,6,7,8-HXCDF	5.13	U	0.0149	5.13	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.13	U	0.0398	5.13	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.13	U	0.0133	5.13	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	1613B	6/21/2013	PH055	4.1		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.543	J	0.0133	5.13	ng/kg	JBQ	J	Z	1786410	267030.7	-

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	1613B	6/21/2013	PH055	3.7		157117-44-9	1,2,3,6,7,8-HXCDF	5	U	0.0134	5.00	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	1613B	6/21/2013	PH055	3.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5	U	0.0227	5.00	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	1613B	6/21/2013	PH055	3.7		160851-34-5	1,2,3,4,6,7,8-HXCDF	5	U	0.0119	5.00	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	1613B	6/21/2013	PH055	3.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	5	U	0.0126	5.00	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	1613B	6/21/2013	PH055	3.7		170648-26-9	1,2,3,4,7,8-HXCDF	5	U	0.0150	5.00	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	1613B	6/21/2013	PH055	3.7		172918-21-9	1,2,3,7,8,9-HXCDF	5	U	0.0139	5.00	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	1613B	6/21/2013	PH055	3.7		1TCDD TEQ	TCDD TEQ	0.00935		0	0	ng/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	160.3M	6/18/2013	PH055	3.7		1MOIST	MOISTURE	3.7		0.10	0.10	%				1786377	267128.1	-118.70766
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	9.1	J	6.5	20	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1117-84-0	Di-n-octylphtalate	8.9	J	6.5	20	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1129-00-0	PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1131-11-3	DIMETHYL PHTHALATE	20	U	6.5	20	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1192-97-2	Benzo(e)pyrene	19	U	3.6	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		1218-01-9	Chrysene	1.8	U	0.36	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		150-32-8	BENZO(A)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		183-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		184-66-2	DIETHYL PHTHALATE	7	J	6.5	20	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		184-74-2	Di-n-butylphtalate	20	U	6.5	20	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		185-01-8	PHENANTHRENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.5	20	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		186-73-7	FLUORENE	1.86	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		190-12-0	1-METHYLNAPHTHALENE	2.1		0.73	1.8	ug/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		191-20-3	NAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8270D SIM	6/23/2013	PH055	8.3		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8015M	6/18/2013	PH055	8.3		1PHCC12C14	EFH (C12-C14)	5.5	U	2.2	5.5	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8015M	6/18/2013	PH055	8.3		1PHCC15C20	EFH (C15-C20)	5.5	U	2.2	5.5	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8015M	6/18/2013	PH055	8.3		1PHCC21C30	EFH (C21-C30)	3	J	2.2	5.5	mg/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8015M	6/18/2013	PH055	8.3		1PHCC30C40	EFH (C30-C40)	7.2	J	4.4	11	mg/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8015M	6/18/2013	PH055	8.3		1PHCC8C11	EFH (C8-C11)	5.5	U	2.2	5.5	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	8015M	6/19/2013	PH055	8.3	24.18	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	7471B	6/16/2013	PH055	8.3		17439-97-6	MERCURY	0.0179	U	0.0108	0.0179	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	6020A	6/17/2013	PH055	8.3		27440-22-4	SILVER	0.0597	J	0.0216	0.216	mg/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	6020A	6/17/2013	PH055	8.3		27440-24-6	STRONTIUM	27	J	0.0367	0.432	mg/kg		J	E, Q, A	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	6020A	6/17/2013	PH055	8.3		27440-28-0	THALLIUM	0.349	J	0.0324	0.216	mg/kg		J	Q	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	6020A	6/17/2013	PH055	8.3		27782-49-2	SELENIUM	0.432	U	0.108	0.432	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	6010C	6/17/2013	PH055	8.3		17429-90-5	ALUMINUM (FUME OR DUST)	17400		8.32	43.2							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.22	U	0.0227	5.22	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		157117-44-9	1,2,3,6,7,8-HXCDF	5.22	U	0.0136	5.22	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.22	U	0.0360	5.22	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		160851-34-5	2,3,4,6,7,8-HXCDF	5.22	U	0.0154	5.22	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.22	U	0.0103	5.22	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		170648-26-9	1,2,3,4,7,8-HXCDF	5.22	U	0.0170	5.22	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		172918-21-9	1,2,3,7,8,9-HXCDF	5.22	U	0.0172	5.22	ng/kg	JBQ	U	B	1786530	267095.7	-118.70716
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8015M	6/25/2013	PH058	6.6		1PHCC21C30	EFH (C21-C30)	5.4	U	2.1	5.4	mg/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8015M	6/25/2013	PH058	6.6		1PHCC30C40	EFH (C30-C40)	11	U	4.3	11	mg/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8015M	6/25/2013	PH058	6.6		1PHCC8C11	EFH (C8-C11)	5.4	U	2.1	5.4	mg/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8015M	6/21/2013	PH058	6.6	27	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.2	U	0.2	1.2	mg/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.4	19	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1117-84-0	Di-n-octylphthalate	19	U	6.4	19	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1129-00-0	PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1131-11-3	DIMETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1192-97-2	Benzo(e)pyrene	18	U	3.6	18	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1205-99-2	BENZO(B)FLUORANTHENE	0.79	J	0.71	1.8	ug/kg	J	J	Z	1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1206-44-0	FLUORANTHENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.71	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-1180-SA5A-SB-3.0-4.0	6/17/2013	FD	3	4	ft	SO	5A DG	SL-780-SA5A-SB-3.0-4.0	7096477	LL	8270D SIM	6/28/2013	PH058	6.6		1218-01-9	Chrysene	1.8	U	0.36	1.8	ug/kg	U			1786397	267222.9	-118.7076
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17440-67-7	ZIRCONIUM	5	U	0.840	5.00	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17440-70-2	CALCIUM METAL	2650		3.34	20.0	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6010C	6/27/2013	PH059	3.8		17723-14-0	PHOSPHORUS	396		2.89	10.0	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6020A	6/27/2013	PH059	3.8		27782-49-2	SELENIUM	0.16	J	0.100	0.400	mg/kg	J	J	Z	1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6020A	6/27/2013	PH059	3.8		27440-22-4	SILVER	0.2	U	0.0260	0.200	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6020A	6/27/2013	PH059	3.8		27440-24-6	STRONTIUM	18.4		0.0520	0.400	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	6020A	6/27/2013	PH059	3.8		27440-28-0	THALLIUM	0.295		0.0300	0.200	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	7471B	6/25/2013	PH059	3.8		17439-97-6	MERCURY	0.0169	U	0.0101	0.0169	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8015M	6/25/2013	PH059	3.8		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8015M	6/25/2013	PH059	3.8		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8015M	6/25/2013	PH059	3.8		1PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8015M	6/25/2013	PH059	3.8		1PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8015M	6/25/2013	PH059	3.8		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8015M	6/21/2013	PH059	3.8	24.32	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8270D SIM	6/28/2013	PH059	3.8		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8270D SIM	6/28/2013	PH059	3.8		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8270D SIM	6/28/2013	PH059	3.8		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8270D SIM	6/28/2013	PH059	3.8		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8270D SIM	6/28/2013	PH059	3.8		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097886	LL	8270D SIM	6/28/2013	PH059	3.8		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786657	267371.2	-118.70674
SL-854-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG																					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	1613B	6/27/2013	PH059	1.2		170648-26-9	1,2,3,4,7,8-HXCDF	0.316	J	0.0381	5.03	ng/kg	JB	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	1613B	6/27/2013	PH059	1.2		172918-21-9	1,2,3,7,8,9-HXCDF	0.335	J	0.0432	5.03	ng/kg	JB	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	1613B	6/27/2013	PH059	1.2		170648-26-9	TCDD TEQ	1.29		0	0	ng/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17429-90-5	ALUMINUM (FUME OR DUST)	15200		7.09	39.3	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17439-89-6	IRON	20600		3.56	39.3	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17439-92-1	LEAD	11.6		0.491	2.95	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17439-93-2	LITHIUM	20.3		0.33	3.9	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17439-95-4	MAGNESIUM	4020		1.64	9.83	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17439-96-5	MANGANESE	364		0.0816	0.983	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17439-98-7	MOLYBDENUM	1.97	U	0.167	1.97	mg/kg	J	U	F, B	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-02-0	NICKEL	13.4		0.128	1.97	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-09-7	POTASSIUM	3810		8.20	98.3	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-23-5	SODIUM	74.4	J	16.4	98.3	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-31-5	TIN	9.83	U	0.216	9.83	mg/kg	J	U	B	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-32-6	TITANIUM METAL POWDER	1190		0.167	0.983	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-36-0	ANTIMONY	3.93	U	0.727	3.93	mg/kg	U			1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-38-2	ARSENIC	2.39	J	0.688	3.93	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-39-3	BARIUM	112		0.0324	0.983	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-41-7	BERYLLIUM	0.564	J	0.0658	0.983	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-42-8	BORON	4.5	J	0.825	9.83	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-43-9	CADMIUM	0.983	U	0.0747	0.983	mg/kg	U			1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-47-3	CHROMIUM	21		0.157	2.95	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-48-4	COBALT	5.77		0.0973	0.983	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-50-8	COPPER	10.7		0.285	1.97	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-62-2	VANADIUM (FUME OR DUST)	37.4		0.128	0.983	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-66-6	ZINC	59.8		0.197	3.93	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-67-7	ZIRCONIUM	1.32	J	0.825	4.91	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17440-70-2	CALCIUM METAL	2380		3.28	19.7	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6010C	6/27/2013	PH059	1.2		17723-14-0	PHOSPHORUS	425		2.84	9.83	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6020A	6/27/2013	PH059	1.2		27782-49-2	SELENIUM	0.153	J	0.0983	0.393	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6020A	6/27/2013	PH059	1.2		27440-22-4	SILVER	0.0785	J	0.0255	0.197	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6020A	6/27/2013	PH059	1.2		27440-24-6	STRONTIUM	28		0.0511	0.393	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	6020A	6/27/2013	PH059	1.2		27440-28-0	THALLIUM	0.326		0.0295	0.197	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	7471B	6/25/2013	PH059	1.2		17439-97-6	MERCURY	0.0122	J	0.0096	0.0160	mg/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8015M	6/25/2013	PH059	1.2		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8015M	6/25/2013	PH059	1.2		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8015M	6/25/2013	PH059	1.2		1PHCC21C30	EFH (C21-C30)	9		2.0	5.1	mg/kg	U			1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8015M	6/25/2013	PH059	1.2		1PHCC30C40	EFH (C30-C40)	23		4.0	10	mg/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8015M	6/25/2013	PH059	1.2		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	7	J	6.0	18	ug/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1117-84-0	Di-n-octylphthalate	170		6.0	18	ug/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1120-12-7	ANTHRACENE	0.44	J	0.34	1.7	ug/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1129-00-0	PYRENE	2.9		0.67	1.7	ug/kg				1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1191-24-2	BENZO(G,H,I)PERYLENE	0.77	J	0.67	1.7	ug/kg	J	J	Z	1786689	267422.5	-118.70664
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1192-97-2	Benzo(e)pyrene	17	U	3.3	1.7	ug/kg	U			1786689	267422.5	-11

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	1613B	6/5/2013	PH042	4		172918-21-9	1,2,3,7,8,9-HXCDF	5.14	U	0.0149	5.14	ng/kg	JBO	U	B	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	1613B	6/5/2013	PH042	4		1TCDD TEQ	TCDD TEQ	0.000158		0	0	ng/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17429-90-5	ALUMINUM (FUME OR DUST)	15100		7.80	40.5	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17439-89-6	IRON	20200		3.84	40.5	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17439-92-1	LEAD	5.47		0.475	3.03	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17439-93-2	LITHIUM	23		0.56	4.0	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17439-95-4	MAGNESIUM	4170		1.75	10.1	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17439-96-5	MANGANESE	170		0.0839	1.01	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17439-98-7	MOLYBDENUM	2.02	U	0.172	2.02	mg/kg	J	U	B, F	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-02-0	NICKEL	9.21	J	0.111	2.02	mg/kg		J	A	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-09-7	POTASSIUM	1890		13.7	101	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-23-5	SODIUM	94.3	J	16.9	101	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-31-5	TIN	10.1	U	0.222	10.1	mg/kg	J	U	B	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-32-6	TITANIUM METAL POWDER	1140		0.172	1.01	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-36-0	ANTIMONY	4.05	UJ	0.506	4.05	mg/kg	J	UJ	B, Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-38-2	ARSENIC	5.75		0.334	4.05	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-39-3	BARIUM	60.7		0.0334	1.01	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-41-7	BERYLLIUM	0.607	J	0.0678	1.01	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-42-8	BORON	1.61	J	0.839	10.1	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-43-9	CADMIUM	0.143	J	0.0334	1.01	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-47-3	CHROMIUM	19.1		0.0890	3.03	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-48-4	COBALT	4.39		0.0910	1.01	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-50-8	COPPER	8.51		0.182	2.02	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-62-2	VANADIUM (FUME OR DUST)	36.1		0.111	1.01	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-66-6	ZINC	40.9		0.202	4.05	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-67-7	ZIRCONIUM	3.5	J	0.839	5.06	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17440-70-2	CALCIUM METAL	1850	J	4.07	20.2	mg/kg		J	Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6010C	6/4/2013	PH042	4		17723-14-0	PHOSPHORUS	121	J	0.516	10.1	mg/kg		J	Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6020A	6/9/2013	PH042	4		27440-24-6	STRONTIUM	17.2	J	0.0344	0.405	mg/kg		J	Q	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6020A	6/4/2013	PH042	4		27782-49-2	SELENIUM	0.405	U	0.101	0.405	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6020A	6/4/2013	PH042	4		27440-22-4	SILVER	0.0581	J	0.0202	0.202	mg/kg	J	J	Z	1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	6020A	6/4/2013	PH042	4		27440-28-0	THALLIUM	0.239		0.0303	0.202	mg/kg				1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	7471B	6/4/2013	PH042	4		17439-97-6	MERCURY	0.0165	U	0.0099	0.0165	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8015M	6/4/2013	PH042	4	27.29	GROCS612	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8015M	6/4/2013	PH042	4		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8015M	6/4/2013	PH042	4		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8015M	6/4/2013	PH042	4		1PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8015M	6/4/2013	PH042	4		1PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8015M	6/4/2013	PH042	4		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8270D SIM	6/10/2013	PH042	4		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8270D SIM	6/10/2013	PH042	4		1117-84-0	Di-n-octylphtthalate	19	U	6.3	19	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8270D SIM	6/10/2013	PH042	4		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8270D SIM	6/10/2013	PH042	4		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8270D SIM	6/10/2013	PH042	4		1131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8270D SIM	6/10/2013	PH042	4		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA5A-SB-7.2-8.2	5/29/2013	N	7.2	8.2	ft	SO	5A DG		7075252	LL	8270D SIM	6/10/2013	PH042	4		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786776	267113.8	-118.70634
SL-832-SA																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	1613B	6/5/2013	PH042	1		167562-39-4	1,2,3,4,6,7,8-HPCDF	275		0.138	4.81	ng/kg	B			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	1613B	6/5/2013	PH042	1		170648-26-9	1,2,3,4,7,8-HXCDF	6.62		0.127	4.81	ng/kg	B			1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	1613B	6/5/2013	PH042	1		172918-21-9	1,2,3,7,8,9-HXCDF	0.915	J	0.143	4.81	ng/kg	JB	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	1613B	6/5/2013	PH042	1		17CDD TEQ	TCDD TEQ	27.2		0	0	ng/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17429-90-5	ALUMINUM (FUME OR DUST)	14600		7.64	39.6	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17439-89-6	IRON	18700		3.76	39.6	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17439-92-1	LEAD	9.37		0.465	2.97	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17439-93-2	LITHIUM	18.5		0.54	4.0	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17439-95-4	MAGNESIUM	3630		1.71	9.90	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17439-96-5	MANGANESE	311		0.0822	0.990	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17439-98-7	MOLYBDENUM	1.98	U	0.168	1.98	mg/kg	J	U	B, F	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-02-0	NICKEL	12.3	J	0.109	1.98	mg/kg		J	A	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-09-7	POTASSIUM	3440		13.4	99.0	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-23-5	SODIUM	63.4	J	16.5	99.0	mg/kg	J	J	Z	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-31-5	TIN	9.9	U	0.218	9.90	mg/kg	J	U	B	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-32-6	TITANIUM METAL POWDER	1020		0.168	0.990	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-36-0	ANTIMONY	3.96	UJ	0.495	3.96	mg/kg	J	UJ	B, Q	1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-38-2	ARSENIC	4.67		0.327	3.96	mg/kg				1786822	267092.9	-118.70619
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	6010C	6/4/2013	PH042	1		17440-39-3	BARIUM	100		0.0327	0.990	mg/kg				1786822	267092.9	-118.70619
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.608	J	0.0663	5.04	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		160851-34-5	2,3,4,6,7,8-HXCDF	0.228	J	0.0454	5.04	ng/kg	JB	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		167562-39-4	1,2,3,4,6,7,8-HPCDF	4.03	J	0.0271	5.04	ng/kg	JB	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		170648-26-9	1,2,3,4,7,8-HXCDF	0.163	J	0.0430	5.04	ng/kg	JB	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		172918-21-9	1,2,3,7,8,9-HXCDF	0.218	J	0.0529	5.04	ng/kg	JBQ	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	1613B	6/6/2013	PH043	2.6		17CDD TEQ	TCDD TEQ	0.56		0	0	ng/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17429-90-5	ALUMINUM (FUME OR DUST)	13600		7.84	40.7	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17439-89-6	IRON	17800		3.86	40.7	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17439-92-1	LEAD	7.26		0.478	3.05	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17439-93-2	LITHIUM	18.2		0.56	4.1	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17439-95-4	MAGNESIUM	3420		1.76	10.2	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17439-96-5	MANGANESE	316	J	0.0844	1.02	mg/kg		J	E	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17439-98-7	MOLYBDENUM	2.03	U	0.173	2.03	mg/kg	J	U	F	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-02-0	NICKEL	11.2		0.112	2.03	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-09-7	POTASSIUM	3290	J	13.7	102	mg/kg		J	Q	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-23-5	SODIUM	74.5	J	17.0	102	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-31-5	TIN	10.2	U	0.224	10.2	mg/kg	J	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-32-6	TITANIUM METAL POWDER	1040		0.173	1.02	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-36-0	ANTIMONY	4.07	UJ	0.508	4.07	mg/kg	J	UJ	B, Q	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-38-2	ARSENIC	4.83		0.335	4.07	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-39-3	BARIUM	97.4		0.0335	1.02	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-41-7	BERYLLIUM	0.545	J	0.0681	1.02	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-42-8	BORON	2.52	J	0.844	10.2	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-43-9	CADMIUM	0.307	J	0.0335	1.02	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-47-3	CHROMIUM	18.1		0.0895	3.05	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-48-4	COBALT	5.41	J	0.0915	1.02	mg/kg		J	E	1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	6010C	6/6/2013	PH043	2.6		17440-50-8	COPPER	10.2		0.183	2.03	mg/kg				1786602	266995.6	-118.70691

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	8270D SIM	6/10/2013	PH043	2.6		185-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	8270D SIM	6/10/2013	PH043	2.6		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.2	18	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	8270D SIM	6/10/2013	PH043	2.6		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	8270D SIM	6/10/2013	PH043	2.6		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	8270D SIM	6/10/2013	PH043	2.6		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	8270D SIM	6/10/2013	PH043	2.6		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	9045M	5/31/2013	PH043	2.6		1pH	PH	6.15		0.0100	0.0100	pH unit				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	160.3M	6/4/2013	PH043	4.2		1MOIST	MOISTURE	4.2		0.10	0.10	%				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		11746-01-6	2,3,7,8-TCDD	1.03	U	0.0344	1.03	ng/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.136	J	0.0211	5.17	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		13268-87-9	OCDD	10.3	U	0.0273	10.3	ng/kg	JBQ	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.17	U	0.0249	5.17	ng/kg	JB	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		139001-02-0	OCDF	10.3	U	0.0327	10.3	ng/kg	JBQ	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.17	U	0.0196	5.17	ng/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.17	U	0.0339	5.17	ng/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.03	U	0.0285	1.03	ng/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.0311	J	0.0131	5.17	ng/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		157117-31-4	2,3,4,7,8-PECDF	5.17	U	0.0150	5.17	ng/kg	U			1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.0531	J	0.0158	5.17	ng/kg	JQ	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		157117-44-9	1,2,3,6,7,8-HXCDF	5.17	U	0.0131	5.17	ng/kg	JBQ	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0465	J	0.0210	5.17	ng/kg	JQ	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		160851-34-5	2,3,4,6,7,8-HXCDF	5.17	U	0.0121	5.17	ng/kg	JBQ	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.17	U	0.00924	5.17	ng/kg	JB	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		170648-26-9	1,2,3,4,7,8-HXCDF	5.17	U	0.0131	5.17	ng/kg	JBQ	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		172918-21-9	1,2,3,7,8,9-HXCDF	5.17	U	0.0147	5.17	ng/kg	JB	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	1613B	6/6/2013	PH043	4.2		1TCDD TEQ	TCDD TEQ	0.0217		0	0	ng/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17429-90-5	ALUMINUM (FUME OR DUST)	19700		7.97	41.3	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17439-89-6	IRON	23800		3.93	41.3	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17439-92-1	LEAD	6.8		0.486	3.10	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17439-93-2	LITHIUM	26		0.57	4.1	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17439-95-4	MAGNESIUM	4360		1.79	10.3	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17439-96-5	MANGANESE	326	J	0.0858	1.03	mg/kg		J	E	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17439-98-7	MOLYBDENUM	2.07	U	0.176	2.07	mg/kg	J	U	F	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-02-0	NICKEL	12.5		0.114	2.07	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-09-7	POTASSIUM	2780	J	14.0	103	mg/kg		J	Q	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-23-5	SODIUM	88.5	J	17.3	103	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-31-5	TIN	10.3	U	0.227	10.3	mg/kg	J	U	B	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-32-6	TITANIUM METAL POWDER	1270		0.176	1.03	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-36-0	ANTIMONY	4.13	UJ	0.517	4.13	mg/kg	J	UJ	B, Q	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-38-2	ARSENIC	5.38		0.341	4.13	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-39-3	BARIUM	96		0.0341	1.03	mg/kg				1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-41-7	BERYLLIUM	0.781	J	0.0692	1.03	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-42-8	BORON	2.18	J	0.858	10.3	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-43-9	CADMIUM	0.207	J	0.0341	1.03	mg/kg	J	J	Z	1786602	266995.6	-118.70691
SL-834-SA5A-SB-2.4-3.4	5/30/2013	N	2.4	3.4	ft	SO	5A DG		7076746	LL	6010C	6/6/2013	PH043	4.2		17440-47-3	CHROMIUM	22.5		0.0909	3.10	mg/kg</						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		1206-44-0	FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		1218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		150-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		183-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		184-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		184-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		185-01-8	PHENANTHRENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		186-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		191-20-3	NAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	8270D SIM	6/13/2013	PH047	4.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786319	266874.8	-118.70785
SL-811-SA5A-SB-5.5-6.5	6/5/2013	N	5.5	6.5	ft	SO	5A DG		7083691	LL	9045M	6/6/2013	PH047	4.7		1pH	PH	6.75		0.0100	0.0100	pH unit				1786319	266874.8	-118.70785
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	160.3M	6/11/2013	PH047	1.4		1MOIST	MOISTURE	1.4		0.10	0.10	%				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		11746-01-6	2,3,7,8-TCDD	0.99	U	0.0291	0.990	ng/kg	JB	U	B	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.45	J	0.0319	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		13268-87-9	OCDD	676		0.0377	9.90	ng/kg	B			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35.4		0.0573	4.95	ng/kg	B			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		139001-02-0	OCDF	11.6		0.0222	9.90	ng/kg	B			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.575	J	0.0315	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.362	J	0.0342	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.257	J	0.0412	0.990	ng/kg	J	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.303	J	0.0263	4.95	ng/kg	JBQ	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		157117-31-4	2,3,4,7,8-PECDF	0.37	J	0.0190	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.514	J	0.0192	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		157117-44-9	1,2,3,6,7,8-HXCDF	0.255	J	0.0207	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.56	J	0.0340	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		160851-34-5	2,3,4,6,7,8-HXCDF	0.301	J	0.0214	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	3.95	J	0.0131	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		170648-26-9	1,2,3,4,7,8-HXCDF	0.242	J	0.0238	4.95	ng/kg	JBQ	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		172918-21-9	1,2,3,7,8,9-HXCDF	0.303	J	0.0266	4.95	ng/kg	JB	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	1613B	6/16/2013	PH047	1.4		1TCDD TEQ	TCDD TEQ	1.63		0	0	ng/kg				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	6010C	6/13/2013	PH047	1.4		17440-70-2	CALCIUM METAL	2360		4.04	20.1	mg/kg				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	6010C	6/14/2013	PH047	1.4		57440-50-8	COPPER	11.6		0.904	10.0	mg/kg				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	6010C	6/12/2013	PH047	1.4		17429-90-5	ALUMINUM (FUME OR DUST)	14800		7.74	40.2	mg/kg				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	6010C	6/12/2013	PH047	1.4		17439-89-6	IRON	20700		3.82	40.2	mg/kg				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	6010C	6/12/2013	PH047	1.4		17439-92-1	LEAD	11.7		0.472	3.01	mg/kg				1786380	266947.2	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1191-24-2	BENZO(G,H,I)PERYLENE	0.82	J	0.68	1.7	ug/kg	J	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1205-99-2	BENZO(B)FLUORANTHENE	2.1		0.68	1.7	ug/kg				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1206-44-0	FLUORANTHENE	2.7		0.68	1.7	ug/kg				1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1207-08-9	BENZO(K)FLUORANTHENE	0.79	J	0.68	1.7	ug/kg	J	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-773-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088251	LL	8270D SIM	6/20/2013	PH052	1.7		1218-01-9	Chrysene	9.2		0.34	1.7	ug/kg				1786077	267113.1	-118.70865
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		150-32-8	BENZO(A)PYRENE	1	J	0.68	1.7	ug/kg	J	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		156-55-3	BENZO(A)ANTHRACENE	1.1	J	0.68	1.7	ug/kg	J	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		185-01-8	PHENANTHRENE	1.3	J	0.68	1.7	ug/kg	J	J	Z	1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786380	266947.2	-118.70765
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	9045M	6/6/2013	PH047	1.4		1pH	PH	6.41		0.0100	0.0100	pH unit				1786380	266947.2	-118.70765
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	160.3M	6/11/2013	PH047	2.2		1MOIST	MOISTURE	2.2		0.10	0.10	%				1786441	266923.3	-118.70745
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8015M	6/21/2013	PH057	0.67		1PHCC12C14	EFH (C12-C14)	5	U	2.0	5.0	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8015M	6/21/2013	PH057	0.67		1PHCC15C20	EFH (C15-C20)	5	U	2.0	5.0	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8015M	6/21/2013	PH057	0.67		1PHCC21C30	EFH (C21-C30)	8.1	J	2.0	5.0	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8015M	6/21/2013	PH057	0.67		1PHCC30C40	EFH (C30-C40)	22		4.0	10	mg/kg				1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8015M	6/21/2013	PH057	0.67		1PHCC8C11	EFH (C8-C11)	5	U	2.0	5.0	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		11096-82-5	Aroclor 1260	17	U	3.9	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		111097-69-1	Aroclor 1254	17	U	4.4	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		111100-14-4	Aroclor 1268	17	U	3.3	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		111104-28-2	Aroclor 1221	17	U	5.1	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		111126-42-4	Aroclor 5460	33	U	10	33	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		111141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		112642-23-8	Aroclor 5442	33	UJ	10	33	ug/kg	U	UJ	C	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8082A	6/22/2013	PH057	0.67		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8270D SIM	6/23/2013	PH057	0.67		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	5.9	18	ug/kg	J	U	F	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8270D SIM	6/23/2013	PH057	0.67		1117-84-0	Di-n-octylphthalate	18	U	5.9	18	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8270D SIM	6/23/2013	PH057	0.67		1120-12-7	ANTHRACENE	1.7	U	0.33	1.7	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8270D SIM	6/23/2013	PH057	0.67		1129-00-0	PYRENE	2.6	J	0.66	1.7	ug/kg		J	FD	1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8270D SIM	6/23/2013	PH057	0.67		1131-11-3	DIMETHYL PHTHALATE	18	U	5.9	18	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8270D SIM	6/23/2013	PH057	0.67		1191-24-2	BENZO(G,H,I)PERYLENE	0.72	J	0.66	1.7	ug/kg	J	J	FD, Z	1786856	267386.	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	1613B	6/26/2013	PH057	8.7		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.4	U	0.0112	5.40	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	1613B	6/26/2013	PH057	8.7		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.4	U	0.0119	5.40	ng/kg	JB	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	1613B	6/26/2013	PH057	8.7		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.4	U	0.0145	5.40	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	1613B	6/26/2013	PH057	8.7		1	72918-21-9	1,2,3,7,8,9-HXCDF	5.4	U	0.0159	5.40	ng/kg	JBQ	U	B	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	1613B	6/26/2013	PH057	8.7		1	TCDD TEQ	TCDD TEQ	0.0394		0					1786856	267386.7	-118.70608	
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7429-90-5	ALUMINUM (FUME OR DUST)	20400	J	7.74	43.0	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7439-89-6	IRON	24400	J	3.89	43.0	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7439-92-1	LEAD	7.62	J	0.537	3.22	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7439-93-2	LITHIUM	27.1	J	0.37	4.3	mg/kg		J	Q, E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7439-95-4	MAGNESIUM	4680	J	1.79	10.7	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7439-96-5	MANGANESE	362	J	0.0891	1.07	mg/kg		J	A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7439-98-7	MOLYBDENUM	2.15	UJ	0.183	2.15	mg/kg	J	UJ	F, B, Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-02-0	NICKEL	13.9	J	0.140	2.15	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-09-7	POTASSIUM	2210	J	8.96	107	mg/kg		J	Q, E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-23-5	SODIUM	103	J	17.9	107	mg/kg	J	J	Q, E, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-31-5	TIN	10.7	UJ	0.236	10.7	mg/kg	J	UJ	B, Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-32-6	TITANIUM METAL POWDER	1230	J	0.183	1.07	mg/kg		J	A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-36-0	ANTIMONY	4.3	UJ	0.795	4.30	mg/kg	U	UJ	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-38-2	ARSENIC	3.64	J	0.752	4.30	mg/kg	J	J	Q, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-39-3	BARIUM	93.5	J	0.0354	1.07	mg/kg		J	Q, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-41-7	BERYLLIUM	0.727	J	0.0719	1.07	mg/kg	J	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-42-8	BORON	3.38	J	0.902	10.7	mg/kg	J	J	Q, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-43-9	CADMIUM	1.07	UJ	0.0816	1.07	mg/kg	U	UJ	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-47-3	CHROMIUM	25.4	J	0.172	3.22	mg/kg		J	Q, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-48-4	COBALT	6.67	J	0.106	1.07	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-50-8	COPPER	9.72	J	0.311	2.15	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-62-2	VANADIUM (FUME OR DUST)	42.9	J	0.140	1.07	mg/kg		J	Q, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-66-6	ZINC	50.9	J	0.215	4.30	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-67-7	ZIRCONIUM	1.46	J	0.902	5.37	mg/kg	J	J	Q, E, Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7440-70-2	CALCIUM METAL	2310	J	3.59	21.5	mg/kg		J	E, A	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6010C	6/27/2013	PH057	8.7		1	7723-14-0	PHOSPHORUS	213	J	3.10	10.7	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6020A	6/27/2013	PH057	8.7		2	7782-49-2	SELENIUM	0.133	J	0.107	0.430	mg/kg	J	J	Z	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6020A	6/27/2013	PH057	8.7		2	7440-22-4	SILVER	0.215	UJ	0.0279	0.215	mg/kg	J	UJ	F, Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6020A	6/27/2013	PH057	8.7		2	7440-24-6	STRONTIUM	26.4	J	0.0558	0.430	mg/kg		J	Q	1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	6020A	6/27/2013	PH057	8.7		2	7440-28-0	THALLIUM	0.307		0.0322	0.215	mg/kg				1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	7471B	6/25/2013	PH057	8.7		1	7439-97-6	MERCURY	0.0181	U	0.0109	0.0181	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8015M	6/20/2013	PH057	8.7		1	PHCC12C14	EFH (C12-C14)	5.5	U	2.2	5.5	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8015M	6/20/2013	PH057	8.7		1	PHCC15C20	EFH (C15-C20)	5.5	U	2.2	5.5	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8015M	6/20/2013	PH057	8.7		1	PHCC21C30	EFH (C21-C30)	5.5	U	2.2	5.5	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8015M	6/20/2013	PH057	8.7		1	PHCC30C40	EFH (C30-C40)	11	U	4.4	11	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8015M	6/20/2013	PH057	8.7		1	PHCC8C11	EFH (C8-C11)	5.5	U	2.2	5.5	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8015M	6/19/2013	PH057	8.7	23.58	1	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8082A	6/26/2013	PH057	8.7		1	11096-82-5	Aroclor 1260	19	U	4.3	19	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N	4.5	5.5	ft	SO	5A DG		7094794	LL	8082A	6/26/2013	PH057	8.7		1	11097-69-1	Aroclor 1254	19	U	4.8	19	ug/kg	U			1786856	267386.7	-118.70608
SL-852-SA5A-SB-4.5-5.5	6/14/2013	N																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17439-95-4	MAGNESIUM	4420		1.74	10.1	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17439-96-5	MANGANESE	341		0.0837	1.01	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17439-98-7	MOLYBDENUM	2.02	U	0.171	2.02	mg/kg	J	U	F	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-02-0	NICKEL	18.7		0.111	2.02	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-09-7	POTASSIUM	3590	J	13.6	101	mg/kg		J	Q	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-23-5	SODIUM	84.1	J	16.8	101	mg/kg	J	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-31-5	TIN	10.1	U	0.222	10.1	mg/kg	J	U	B	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-32-6	TITANIUM METAL POWDER	1200		0.171	1.01	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-36-0	ANTIMONY	0.773	J	0.504	4.03	mg/kg	J	J	Q, Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-38-2	ARSENIC	5.04		0.333	4.03	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-39-3	BARIUM	107		0.0333	1.01	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-41-7	BERYLLIUM	0.662	J	0.0676	1.01	mg/kg	J	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-42-8	BORON	3.45	J	0.837	10.1	mg/kg	J	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-43-9	CADMIUM	1.01	U	0.0333	1.01	mg/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-47-3	CHROMIUM	33.9		0.0888	3.03	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-48-4	COBALT	5.99		0.0908	1.01	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-50-8	COPPER	11.8		0.182	2.02	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-62-2	VANADIUM (FUME OR DUST)	38		0.111	1.01	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-66-6	ZINC	57.9		0.202	4.03	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-67-7	ZIRCONIUM	3.55	J	0.837	5.04	mg/kg	J	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17440-70-2	CALCIUM METAL	2240	J	4.05	20.2	mg/kg		J	Q	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6010C	6/18/2013	PH053	2.8		17723-14-0	PHOSPHORUS	377		0.514	10.1	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6020A	6/19/2013	PH053	2.8		27782-49-2	SELENIUM	0.12	J	0.101	0.403	mg/kg	J	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6020A	6/19/2013	PH053	2.8		27440-22-4	SILVER	0.0339	J	0.0202	0.202	mg/kg	J	J	Z	1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6020A	6/19/2013	PH053	2.8		27440-24-6	STRONTIUM	22.5		0.0343	0.403	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	6020A	6/19/2013	PH053	2.8		27440-28-0	THALLIUM	0.245		0.0303	0.202	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	7471B	6/18/2013	PH053	2.8		17439-97-6	MERCURY	0.0167	U	0.0100	0.0167	mg/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8015M	6/18/2013	PH053	2.8		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8015M	6/18/2013	PH053	2.8		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8015M	6/18/2013	PH053	2.8		1PHCC21C30	EFH (C21-C30)	7		2.0	5.1	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8015M	6/18/2013	PH053	2.8		1PHCC30C40	EFH (C30-C40)	20		4.0	10	mg/kg				1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8015M	6/18/2013	PH053	2.8		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		11024-57-3	HEPTACHLOR EPOXIDE	0.85	U	0.17	0.85	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		11031-07-8	ENDOSULFAN SULFATE	1.7	U	0.34	1.7	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		12385-85-5	MIREX	1.7	U	0.36	1.7	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		1309-00-2	ALDRIN	0.85	U	0.17	0.85	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		1319-84-6	ALPHA-BHC	0.85	U	0.17	0.85	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		1319-85-7	BETA-BHC	1.9	U	0.98	1.9	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		1319-86-8	DELTA-BHC	0.85	U	0.46	0.85	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		133213-65-9	ENDOSULFAN II	1.7	U	0.34	1.7	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		150-29-3	4,4'-DDT	1.7	U	0.36	1.7	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		153494-70-5	ENDRIN KETONE	1.8	U	0.61	1.8	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		157-74-9	CHLORDANE	17	U	4.1	17	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		158-89-9	gamma-BHC (Lindane)	0.85	U	0.17	0.85	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		160-57-1	DIELDRIN	1.7	U	0.34	1.7	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088269	LL	8081B	6/19/2013	PH053	2.8		172-20-8	ENDRIN	1.7	U	0.34	1.7	ug/kg	U			1786325	267243.2	-118.70784
SL-779-SA5																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1178-SA5A-SB-0.0-0.5	6/12/2013	FD	0	0.5	ft	SO	5A DG	SL-778-SA5A-SB-0.0-0.5	7091431	LL	6850	6/20/2013	PH055	3.1		114797-73-0	PERCHLORATE	5.2	U	2.2	5.2	ug/kg	U			1786281	267186.2	-118.70798
SL-778-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091428	LL	160.3M	6/18/2013	PH055	2.6		114797-73-0	MOISTURE	2.6		0.10	0.10	%				1786281	267186.2	-118.70798
SL-778-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091428	LL	6850	6/20/2013	PH055	2.6		114797-73-0	PERCHLORATE	5.1	U	2.2	5.1	ug/kg	U			1786281	267186.2	-118.70798
SL-778-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091432	LL	160.3M	6/18/2013	PH055	5.2		114797-73-0	MOISTURE	5.2		0.10	0.10	%				1786281	267186.2	-118.70798
SL-778-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091432	LL	6850	6/20/2013	PH055	5.2		114797-73-0	PERCHLORATE	5.3	U	2.2	5.3	ug/kg	U			1786281	267186.2	-118.70798
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	160.3M	6/18/2013	PH055	4.8		114797-73-0	MOISTURE	4.8		0.10	0.10	%				1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		11746-01-6	2,3,7,8-TCDD	1.04	U	0.0393	1.04	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.2	U	0.0352	5.20	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		113268-87-9	OCDD	94.2		0.0487	10.4	ng/kg	B			1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	3.55	J	0.0625	5.20	ng/kg	JB	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1139001-02-0	OCDF	10.4	U	0.0441	10.4	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.2	U	0.0316	5.20	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.2	U	0.0444	5.20	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.04	U	0.0354	1.04	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1155673-89-7	1,2,3,4,7,8,9-HPCDF	5.2	U	0.0283	5.20	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1157117-31-4	2,3,4,7,8-PECDF	5.2	U	0.0237	5.20	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.2	U	0.0232	5.20	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1157117-44-9	1,2,3,6,7,8-HXCDF	5.2	U	0.0183	5.20	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.2	U	0.0355	5.20	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1160851-34-5	2,3,4,6,7,8-HXCDF	5.2	U	0.0174	5.20	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1167562-39-4	1,2,3,4,6,7,8-HPCDF	5.2	U	0.0155	5.20	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1170648-26-9	1,2,3,4,7,8-HXCDF	5.2	U	0.0208	5.20	ng/kg	JBQ	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1172918-21-9	1,2,3,7,8,9-HXCDF	5.2	U	0.0248	5.20	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	1613B	6/21/2013	PH055	4.8		1172918-21-9	1,2,3,7,8,9-HXCDF	5.2	U	0.0248	5.20	ng/kg	JB	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	6010C	6/17/2013	PH055	4.8		117429-90-5	ALUMINUM (FUME OR DUST)	16900		8.02	41.6	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	6010C	6/17/2013	PH055	4.8		117439-89-6	IRON	20100		3.95	41.6	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	6010C	6/17/2013	PH055	4.8		117439-92-1	LEAD	5.34		0.489	3.12	mg/kg				1786377	267128.1	-118.70766
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117439-96-5	MANGANESE	318		0.0859	1.04	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117439-98-7	MOLYBDENUM	2.07	U	0.176	2.07	mg/kg	J	U	F, B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-02-0	NICKEL	14		0.114	2.07	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-09-7	POTASSIUM	1810		14.0	104	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-23-5	SODIUM	158		17.3	104	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-31-5	TIN	10.4	U	0.228	10.4	mg/kg	J	U	B	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-32-6	TITANIUM METAL POWDER	1250		0.176	1.04	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-36-0	ANTIMONY	4.14	UJ	0.518	4.14	mg/kg	U	UJ	Q	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-38-2	ARSENIC	5.06		0.342	4.14	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-39-3	BARIUM	101		0.0342	1.04	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-41-7	BERYLLIUM	0.834	J	0.0694	1.04	mg/kg	J	J	Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-42-8	BORON	3.66	J	0.859	10.4	mg/kg	J	J	Z	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-43-9	CADMIUM	1.04	U	0.0342	1.04	mg/kg	U			1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-47-3	CHROMIUM	26		0.0911	3.11	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-48-4	COBALT	5.5		0.0932	1.04	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-50-8	COPPER	7.4	J	0.186	2.07	mg/kg		J	A	1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-62-2	VANADIUM (FUME OR DUST)	41.7		0.114	1.04	mg/kg				1786308	267092.3	-118.70789
SL-782-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091435	LL	6010C	6/17/2013	PH055	5.3		117440-66-6	ZINC											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8270D SIM	6/22/2013	PH055	3.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8015M	6/18/2013	PH055	3.7		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8015M	6/18/2013	PH055	3.7		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8015M	6/18/2013	PH055	3.7		1PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8015M	6/18/2013	PH055	3.7		1PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8015M	6/18/2013	PH055	3.7		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	8015M	6/18/2013	PH055	3.7	24.56	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	7471B	6/16/2013	PH055	3.7		17439-97-6	MERCURY	0.0172	U	0.0103	0.0172	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6020A	6/17/2013	PH055	3.7		27440-22-4	SILVER	0.204	U	0.0204	0.204	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6020A	6/17/2013	PH055	3.7		27440-24-6	STRONTIUM	21	J	0.0346	0.407	mg/kg		J	E, Q, A	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6020A	6/17/2013	PH055	3.7		27440-28-0	THALLIUM	0.322	J	0.0305	0.204	mg/kg		J	Q	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6020A	6/17/2013	PH055	3.7		27782-49-2	SELENIUM	0.121	J	0.102	0.407	mg/kg	J	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17429-90-5	ALUMINUM (FUME OR DUST)	12800		7.85	40.7	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17439-89-6	IRON	18900		3.87	40.7	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17439-92-1	LEAD	3.04	J	0.478	3.05	mg/kg	J	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17439-93-2	LITHIUM	28.8		0.56	4.1	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17439-95-4	MAGNESIUM	4310		1.76	10.2	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17439-96-5	MANGANESE	343		0.0845	1.02	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17439-98-7	MOLYBDENUM	2.04	U	0.173	2.04	mg/kg	J	U	F, B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-02-0	NICKEL	9.55		0.112	2.04	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-09-7	POTASSIUM	2220		13.7	102	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-23-5	SODIUM	108		17.0	102	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-31-5	TIN	10.2	U	0.224	10.2	mg/kg	J	U	B	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-32-6	TITANIUM METAL POWDER	1350		0.173	1.02	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-36-0	ANTIMONY	4.07	UJ	0.509	4.07	mg/kg	U	UJ	Q	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-38-2	ARSENIC	5.52		0.336	4.07	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-39-3	BARIUM	69.8		0.0336	1.02	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-41-7	BERYLLIUM	0.581	J	0.0682	1.02	mg/kg	J	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-42-8	BORON	2.26	J	0.845	10.2	mg/kg	J	J	Z	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-43-9	CADMIUM	1.02	U	0.0336	1.02	mg/kg	U			1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-47-3	CHROMIUM	16.2		0.0896	3.05	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-48-4	COBALT	4.89		0.0916	1.02	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-50-8	COPPER	5.74	J	0.183	2.04	mg/kg		J	A	1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft	SO	5A DG		7091434	LL	6010C	6/17/2013	PH055	3.7		17440-62-2	VANADIUM (FUME OR DUST)	33.5		0.112	1.02	mg/kg				1786377	267128.1	-118.70766
SL-781-SA5A-SB-2.0-3.0	6/12/2013	N	2	3	ft																							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17429-90-5	ALUMINUM (FUME OR DUST)	18400		8.03	41.7	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17439-89-6	IRON	23400		3.96	41.7	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17439-92-1	LEAD	6.39		0.490	3.13	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17439-93-2	LITHIUM	22.9		0.57	4.2	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17439-95-4	MAGNESIUM	4560		1.80	10.4	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17439-96-5	MANGANESE	130		0.0865	1.04	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17439-98-7	MOLYBDENUM	2.08	U	0.177	2.08	mg/kg	J	U	F	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-02-0	NICKEL	8.79		0.115	2.08	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-09-7	POTASSIUM	1520	J	14.1	104	mg/kg		J	Q	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-23-5	SODIUM	895		17.4	104	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-31-5	TIN	10.4	U	0.229	10.4	mg/kg	J	U	B	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-32-6	TITANIUM METAL POWDER	1090		0.177	1.04	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-36-0	ANTIMONY	0.735	J	0.521	4.17	mg/kg	J	J	Q, Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-38-2	ARSENIC	6.93		0.344	4.17	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-39-3	BARIUM	58.2		0.0344	1.04	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-41-7	BERYLLIUM	0.716	J	0.0698	1.04	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-42-8	BORON	2.53	J	0.865	10.4	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-43-9	CADMIUM	1.04	U	0.0344	1.04	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-47-3	CHROMIUM	21.1		0.0917	3.13	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-48-4	COBALT	3.3		0.0938	1.04	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-50-8	COPPER	8.65		0.188	2.08	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-62-2	VANADIUM (FUME OR DUST)	37.8		0.115	1.04	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-66-6	ZINC	41.8		0.208	4.17	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-67-7	ZIRCONIUM	3.14	J	0.865	5.21	mg/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17440-70-2	CALCIUM METAL	1620	J	4.19	20.8	mg/kg		J	Q	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6010C	6/18/2013	PH052	6.8		17723-14-0	PHOSPHORUS	115		0.531	10.4	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6020A	6/19/2013	PH052	6.8		27440-22-4	SILVER	0.0319	J	0.0208	0.208	mg/kg	J	J	FD, Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6020A	6/19/2013	PH052	6.8		27440-24-6	STRONTIUM	18.8		0.0354	0.417	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6020A	6/19/2013	PH052	6.8		27440-28-0	THALLIUM	0.263		0.0313	0.208	mg/kg				1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	6020A	6/19/2013	PH052	6.8		27782-49-2	SELENIUM	0.417	U	0.104	0.417	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	7471B	6/18/2013	PH052	6.8		17439-97-6	MERCURY	0.0177	U	0.0106	0.0177	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8015M	6/18/2013	PH052	6.8		1PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8015M	6/18/2013	PH052	6.8		1PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8015M	6/18/2013	PH052	6.8		1PHCC21C30	EFH (C21-C30)	5.3	U	2.1	5.3	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8015M	6/18/2013	PH052	6.8		1PHCC30C40	EFH (C30-C40)	11	U	4.2	11	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8015M	6/18/2013	PH052	6.8		1PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		11024-57-3	HEPTACHLOR EPOXIDE	0.89	U	0.18	0.89	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		11031-07-8	ENDOSULFAN SULFATE	1.8	U	0.35	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		12385-85-5	MIREX	1.8	U	0.38	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		1309-00-2	ALDRIN	0.89	U	0.18	0.89	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		1319-84-6	ALPHA-BHC	0.89	U	0.18	0.89	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		1319-85-7	BETA-BHC	2	U	1.0	2.0	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		1319-86-8	DELTA-BHC	0.89	U	0.48	0.89	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		133213-65-9	ENDOSULFAN II	1.8	U	0.35	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		150-29-3	4,4'-DDT	1.8	U	0.38	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8081B	6/19/2013	PH052	6.8		153494-70-5	ENDRIN KETONE	1.9	U	0.64	1.9	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8270D SIM	6/20/2013	PH052	6.8		191-20-3	NAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	8270D SIM	6/20/2013	PH052	6.8		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-6.0-7.0	6/10/2013	N	6	7	ft	SO	5A DG		7088258	LL	9045M	6/11/2013	PH052	6.8		pH	PH	7.86		0.0100	0.0100	pH unit				1786150	267130.4	-118.70841
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	160.3M	6/12/2013	PH051	1.2		1MOIST	MOISTURE	1.2		0.10	0.10	%				1786704	267170.3	-118.70658
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		1205-99-2	BENZO(B)FLUORANTHENE	1.1	J	0.67	1.7	ug/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		1206-44-0	FLUORANTHENE	1.4	J	0.67	1.7	ug/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.33	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		1218-01-9	Chrysene	1.5	J	0.33	1.7	ug/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		150-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		184-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		184-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		185-01-8	PHENANTHRENE	1.1	J	0.67	1.7	ug/kg	J	J	Z	1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-776-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088257	LL	8270D SIM	6/20/2013	PH052	1.7		191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786150	267130.4	-118.70841
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17440-66-6	ZINC	72.4		0.204	4.08	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17440-67-7	ZIRCONIUM	2.85	J	0.846	5.10	mg/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17440-70-2	CALCIUM METAL	3130	J	4.10	20.4	mg/kg		J	Q	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17723-14-0	PHOSPHORUS	683	J	0.520	10.2	mg/kg		J	Q	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6020A	6/9/2013	PH044	2.9		27440-24-6	STRONTIUM	25.1	J	0.0347	0.408	mg/kg		J	Q	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6020A	6/4/2013	PH044	2.9		27782-49-2	SELENIUM	0.168	J	0.102	0.408	mg/kg	J	J	E, Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6020A	6/4/2013	PH044	2.9		27440-22-4	SILVER	0.0528	J	0.0204	0.204	mg/kg	J	J	E, Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6020A	6/4/2013	PH044	2.9		27440-28-0	THALLIUM	0.268		0.0306	0.204	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	7471B	6/11/2013	PH044	2.9		17439-97-6	MERCURY	0.0158	J	0.0099	0.0165	mg/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8015M	6/8/2013	PH044	2.9		1PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8015M	6/8/2013	PH044	2.9		1PHCC15C20	EFH (C15-C20)	2.5	J	2.1	5.1	mg/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8015M	6/8/2013	PH044	2.9		1PHCC21C30	EFH (C21-C30)	22		2.1	5.1	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8015M	6/8/2013	PH044	2.9		1PHCC30C40	EFH (C30-C40)	42		4.1	10	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8015M	6/8/2013	PH044	2.9		1PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1129-00-0	PYRENE	0.97	J	0.69	1.7	ug/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1205-99-2	BENZO(B)FLUORANTHENE	1.6	J	0.69	1.7	ug/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1206-44-0	FLUORANTHENE	1.3	J	0.69	1.7	ug/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	8270D SIM	6/10/2013	PH044	2.9		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786510	26683	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17429-90-5	ALUMINUM (FUME OR DUST)	15300		7.76	40.3	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17439-89-6	IRON	20800		3.83	40.3	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17439-92-1	LEAD	6.56		0.473	3.02	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17439-93-2	LITHIUM	19.3		0.55	4.0	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17439-95-4	MAGNESIUM	4100		1.74	10.1	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17439-96-5	MANGANESE	281		0.0836	1.01	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17439-98-7	MOLYBDENUM	2.01	U	0.171	2.01	mg/kg	J	U	B, F	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-02-0	NICKEL	12.9	J	0.111	2.01	mg/kg		J	A	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-09-7	POTASSIUM	4040		13.6	101	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-23-5	SODIUM	68.6	J	16.8	101	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-31-5	TIN	10.1	U	0.222	10.1	mg/kg	J	U	B	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-32-6	TITANIUM METAL POWDER	1140		0.171	1.01	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-36-0	ANTIMONY	4.03	UJ	0.503	4.03	mg/kg	J	UJ	B, Q	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-38-2	ARSENIC	4.41		0.332	4.03	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-39-3	BARIUM	103		0.0332	1.01	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-41-7	BERYLLIUM	0.616	J	0.0675	1.01	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-42-8	BORON	3.37	J	0.836	10.1	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-43-9	CADMIUM	0.321	J	0.0332	1.01	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-47-3	CHROMIUM	21.7		0.0886	3.02	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-48-4	COBALT	6.05		0.0906	1.01	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-50-8	COPPER	11.9		0.181	2.01	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-62-2	VANADIUM (FUME OR DUST)	35.8		0.111	1.01	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-66-6	ZINC	58.3		0.201	4.03	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-67-7	ZIRCONIUM	3.32	J	0.836	5.03	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17440-70-2	CALCIUM METAL	1590	J	4.05	20.1	mg/kg		J	Q	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6010C	6/4/2013	PH044	4.5		17723-14-0	PHOSPHORUS	401	J	0.513	10.1	mg/kg		J	Q	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6020A	6/9/2013	PH044	4.5		27440-24-6	STRONTIUM	18.5	J	0.0342	0.403	mg/kg		J	Q	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6020A	6/4/2013	PH044	4.5		27782-49-2	SELENIUM	0.15	J	0.101	0.403	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6020A	6/4/2013	PH044	4.5		27440-22-4	SILVER	0.0398	J	0.0201	0.201	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	6020A	6/4/2013	PH044	4.5		27440-28-0	THALLIUM	0.261		0.0302	0.201	mg/kg				1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	7471B	6/11/2013	PH044	4.5		17439-97-6	MERCURY	0.0123	J	0.0100	0.0167	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8015M	6/8/2013	PH044	4.5		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8015M	6/8/2013	PH044	4.5		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8015M	6/8/2013	PH044	4.5		1PHCC21C30	EFH (C21-C30)	7.3	J	2.1	5.2	mg/kg		J	Q	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8015M	6/8/2013	PH044	4.5		1PHCC30C40	EFH (C30-C40)	18	J	4.2	10	mg/kg		J	Q	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8015M	6/8/2013	PH044	4.5		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1129-00-0	PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1191-24-2	BENZO(C,H,I)PERYLENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1205-99-2	BENZO(B)FLUORANTHENE	1.7	UJ	0.70	1.7	ug/kg	U	UJ	FD	1786629	266926.4	-118.70682
SL-838-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078552	LL	8270D SIM	6/10/2013	PH044	4.5		1206-44-0	FLUORANTHENE	1.7	UJ	0.70	1.7	ug/kg	U	UJ	FD	1786629	266926.4	-118.706

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	160.3M	6/13/2013	PH054	2.9		1	MOIST	MOISTURE	2.9		0.10	0.10	%				1786260	266959.9	-118.70805
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	9045M	6/12/2013	PH054	2.9		1	pH	PH	6.47		0.0100	0.0100	pH unit				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	9.5	J	6.2	19	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	117-84-0	Di-n-octylphthalate	7.9	J	6.2	19	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	120-12-7	ANTHRACENE	0.54	J	0.34	1.7	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	129-00-0	PYRENE	2.5		0.69	1.7	ug/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	191-24-2	BENZO(G,H,I)PERYLENE	0.74	J	0.69	1.7	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	205-99-2	BENZO(B)FLUORANTHENE	4.1		0.69	1.7	ug/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	206-44-0	FLUORANTHENE	3.4		0.69	1.7	ug/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	207-08-9	BENZO(K)FLUORANTHENE	0.76	J	0.69	1.7	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-780-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096472	LL	8270D SIM	6/28/2013	PH058	2.3		1	218-01-9	Chrysene	3.5		0.34	1.7	ug/kg				1786397	267222.9	-118.7076
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	50-32-8	BENZO(A)PYRENE	1	J	0.69	1.7	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	56-55-3	BENZO(A)ANTHRACENE	0.8	J	0.69	1.7	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	83-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	84-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	84-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	85-01-8	PHENANTHRENE	1.6	J	0.69	1.7	ug/kg	J	J	Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	86-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	91-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8015M	6/18/2013	PH054	2.9		1	PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8015M	6/18/2013	PH054	2.9		1	PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8015M	6/18/2013	PH054	2.9		1	PHCC21C30	EFH (C21-C30)	17		2.1	5.1	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8015M	6/18/2013	PH054	2.9		1	PHCC30C40	EFH (C30-C40)	35		4.1	10	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8015M	6/18/2013	PH054	2.9		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	7471B	6/19/2013	PH054	2.9		1	7439-97-6	MERCURY	0.0169	U	0.0101	0.0169	mg/kg	U			1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6020A	6/21/2013	PH054	2.9		2	7440-22-4	SILVER	0.0451	J	0.0198	0.198	mg/kg	J	J	Q, Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6020A	6/21/2013	PH054	2.9		2	7440-24-6	STRONTIUM	19.8	J	0.0337	0.396	mg/kg		J	Q	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6020A	6/21/2013	PH054	2.9		2	7440-28-0	THALLIUM	0.256	J	0.0297	0.198	mg/kg		J	Q	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6020A	6/21/2013	PH054	2.9		2	7782-49-2	SELENIUM	0.131	J	0.0990	0.396	mg/kg	J	J	Q, Z	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6010C	6/19/2013	PH054	2.9		1	7429-90-5	ALUMINUM (FUME OR DUST)	14000		7.63	39.6	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6010C	6/19/2013	PH054	2.9		1	7439-89-6	IRON	19700		3.76	39.6	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6010C	6/19/2013	PH054	2.9		1	7439-93-2	LITHIUM	21.1		0.54	4.0	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6010C	6/19/2013	PH054	2.9		1	7439-95-4	MAGNESIUM	4020		1.71	9.90	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6010C	6/19/2013	PH054	2.9		1	7439-96-5	MANGANESE	299		0.0822	0.990	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6010C	6/19/2013	PH054	2.9		1	7439-98-7	MOLYBDENUM	1.98	U	0.168	1.98	mg/kg	J	U	F, B	1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	6010C	6/19/2013	PH054	2.9		1	7440-02-0	NICKEL	12		0.109	1.98	mg/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5																													

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	1613B	6/21/2013	PH054	2.9		1	TCDD TEQ	TCDD TEQ	2.37		0	0	ng/kg				1786198	267032.1	-118.70825
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	160.3M	6/13/2013	PH054	2.9		1	MOIST	MOISTURE	2.9		0.10	0.10	%				1786198	267032.1	-118.70825
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	9045M	6/12/2013	PH054	1.3		1	pH	PH	6.22		0.0100	0.0100	pH unit				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	100		6.1	18	ug/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	117-84-0	Di-n-octylphthalate	32		6.1	18	ug/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	120-12-7	ANTHRACENE	0.52	J	0.34	1.7	ug/kg	J	J	Z	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	129-00-0	PYRENE	4		0.68	1.7	ug/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	205-99-2	BENZO(B)FLUORANTHENE	2.1		0.68	1.7	ug/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	206-44-0	FLUORANTHENE	5		0.68	1.7	ug/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-781-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091433	LL	8270D SIM	6/22/2013	PH055	4.8		1	218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786377	267128.1	-118.70766
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	83-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	84-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	85-01-8	PHENANTHRENE	2.1		0.68	1.7	ug/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3		1	85-68-7	BENZYL BUTYL PHTHALATE	71		6.1	18	ug/kg				1786301	267005.4	-118.70791
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	1746-01-6	2,3,7,8-TCDD	1.06	U	0.0382	1.06	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.245	J	0.0458	5.30	ng/kg	JBQ	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	3268-87-9	OCDD	23.4		0.0447	10.6	ng/kg	B			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.67	J	0.0634	5.30	ng/kg	JB	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	39001-02-0	OCDF	0.401	J	0.0421	10.6	ng/kg	JB	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.3	U	0.0458	5.30	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.3	U	0.0506	5.30	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.06	U	0.0312	1.06	ng/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.3	U	0.0299	5.30	ng/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	57117-31-4	2,3,4,7,8-PECDF	5.3	U	0.0279	5.30	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.3	U	0.0273	5.30	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	57117-44-9	1,2,3,6,7,8-HXCDF	5.3	U	0.0168	5.30	ng/kg	JB	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.3	U	0.0503	5.30	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.3	U	0.0164	5.30	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.224	J	0.0229	5.30	ng/kg	JBQ	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.3	U	0.0185	5.30	ng/kg	JBQ	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	72918-21-9	1,2,3,7,8,9-HXCDF	5.3	U	0.0194	5.30	ng/kg	JB	U	B	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	1613B	6/21/2013	PH059	6.8		1	TCDD TEQ	TCDD TEQ	0.0364		0	0	ng/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	6010C	6/21/2013	PH059	6.8		1	7429-90-5	ALUMINUM (FUME OR DUST)	22300		7.51	41.7	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5																						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1117-84-0	Di-n-octylphthalate	19	U	6.4	19	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1129-00-0	PYRENE	0.82	J	0.71	1.8	ug/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1131-11-3	DIMETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1206-44-0	FLUORANTHENE	0.72	J	0.71	1.8	ug/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		1218-01-9	Chrysene	0.42	J	0.35	1.8	ug/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		150-32-8	BENZO(A)PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		183-32-9	ACENAPHTHENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		184-66-2	DIETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		184-74-2	Di-n-butylphthalate	19	U	6.4	19	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		185-01-8	PHENANTHRENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		186-73-7	FLUORENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		191-20-3	NAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	8270D SIM	6/28/2013	PH059	6.8		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097892	LL	9045M	6/19/2013	PH059	6.8		1pH	PH	6.38		0.0100	0.0100	pH unit				1786800	267452.5	-118.70627
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	160.3M	6/25/2013	PH060	1.6		1MOIST	MOISTURE	1.6		0.10	0.10	%				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	7/2/2013	PH060	1.6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.07		0.0812	1.00	ng/kg	BC			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		11746-01-6	2,3,7,8-TCDD	0.723	J	0.0664	1.00	ng/kg	JQ	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	19.9		0.0897	5.02	ng/kg	B			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		13268-87-9	OCDD	14700	J	0.152	10.0	ng/kg	BE	J	*#	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	658		0.284	5.02	ng/kg	B			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		139001-02-0	OCDF	120		0.0520	10.0	ng/kg	B			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	9.28		0.0863	5.02	ng/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.54		0.164	5.02	ng/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		155673-89-7	1,2,3,4,7,8,9-HPCDF	2.12	J	0.0589	5.02	ng/kg	JB	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		157117-31-4	2,3,4,7,8-PECDF	2.67	J	0.0667	5.02	ng/kg	JB	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	1.72	J	0.0678	5.02	ng/kg	JB	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		157117-44-9	1,2,3,6,7,8-HXCDF	1.58	J	0.0612	5.02	ng/kg	JB	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	24.5		0.0914	5.02	ng/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		160851-34-5	2,3,4,6,7,8-HXCDF	2.01	J	0.0596	5.02	ng/kg	J	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		167562-39-4	1,2,3,4,6,7,8-HPCDF	35.6		0.0500	5.02	ng/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		170648-26-9	1,2,3,4,7,8-HXCDF	2.93	J	0.0610	5.02	ng/kg	JB	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		172918-21-9	1,2,3,7,8,9-HXCDF	1.04	J	0.0676	5.02	ng/kg	J	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	1613B	6/29/2013	PH060	1.6		1TCDD TEQ	TCDD TEQ	24		0	0	ng/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5																								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		184-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		184-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	8270D SIM	6/29/2013	PH060	4		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	9045M	6/20/2013	PH060	4		1pH	PH	6.92		0.0100	0.0100	pH unit				1786877	267461.2	-118.70602
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	160.3M	6/25/2013	PH061	2.3		1MOIST	MOISTURE	2.3		0.10	0.10	%				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		11746-01-6	2,3,7,8-TCDD	0.0729	J	0.0286	1.02	ng/kg	JQ	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	2.78	J	0.0536	5.09	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		13268-87-9	OCDD	2230		0.0756	10.2	ng/kg	B			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	125		0.114	5.09	ng/kg	B			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		139001-02-0	OCDF	27.9		0.0267	10.2	ng/kg	B			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.74	J	0.0536	5.09	ng/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.746	J	0.0644	5.09	ng/kg	JQ	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.328	J	0.0656	1.02	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.867	J	0.0383	5.09	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		157117-31-4	2,3,4,7,8-PECDF	0.702	J	0.0441	5.09	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.958	J	0.0456	5.09	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		157117-44-9	1,2,3,6,7,8-HXCDF	0.852	J	0.0448	5.09	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	3.73	J	0.0563	5.09	ng/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		160851-34-5	2,3,4,6,7,8-HXCDF	0.978	J	0.0411	5.09	ng/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		167562-39-4	1,2,3,4,6,7,8-HPCDF	21.4		0.0315	5.09	ng/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		170648-26-9	1,2,3,4,7,8-HXCDF	1.24	J	0.0449	5.09	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		172918-21-9	1,2,3,7,8,9-HXCDF	5.09	U	0.0478	5.09	ng/kg	UQ			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	1613B	6/29/2013	PH061	2.3		1TCDD TEQ	TCDD TEQ	3.55		0	0	ng/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17429-90-5	ALUMINIUM (FUME OR DUST)	22100		7.16	39.7	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17439-89-6	IRON	24100		3.60	39.7	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17439-92-1	LEAD	11.1		0.497	2.98	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17439-93-2	LITHIUM	25.3		0.34	4.0	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17439-95-4	MAGNESIUM	4870		1.66	9.94	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17439-96-5	MANGANESE	310	J	0.0825	0.994	mg/kg		J	E	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17439-98-7	MOLYBDENUM	1.99	U	0.169	1.99	mg/kg	J	U	F, B	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-02-0	NICKEL	15.6		0.129	1.99	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-09-7	POTASSIUM	3810	J	8.29	99.4	mg/kg		J	Q	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-23-5	SODIUM	93.1	J	16.6	99.4	mg/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-31-5	TIN	9.94	U	0.219	9.94	mg/kg	J	U	B	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-32-6	TITANIUM METAL POWDER	1250		0.169	0.994	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-36-0	ANTIMONY	3.97	UJ	0.735	3.97	mg/kg	U	UJ	Q	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-38-2	ARSENIC	6.86		0.696	3.97	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-39-3	BARIUM	108		0.0328	0.994	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-41-7	BERYLLIUM	0.808	J	0.0666	0.994	mg/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	6010C	6/27/2013	PH061	2.3		17440-42-8	BORON	9.94	U	0.835	9.94	mg/kg	J	U	B	1786914	267462.9	-118.70589
SL-867-SA5																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1083-32-9	ACENAPHTHENE	17	U	6.8	17	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1084-66-2	DIETHYL PHTHALATE	180	U	61	180	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1084-74-2	Di-n-butylphthalate	180	U	61	180	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1085-01-8	PHENANTHRENE	7.7	J	6.8	17	ug/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1085-68-7	BENZYL BUTYL PHTHALATE	180	U	61	180	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1086-73-7	FLUORENE	17	U	6.8	17	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1090-12-0	1-METHYLNAPHTHALENE	17	U	6.8	17	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1091-20-3	NAPHTHALENE	17	U	6.8	17	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	8270D SIM	6/29/2013	PH061	2.3		1091-57-6	2-METHYLNAPHTHALENE	17	U	6.8	17	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102686	LL	9045M	6/24/2013	PH061	2.3		1pH	PH	6.88		0.0100	0.0100	pH unit				1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	160.3M	6/25/2013	PH061	2.9		1MOIST	MOISTURE	2.9		0.10	0.10	%				1786914	267462.9	-118.70589
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-32-6	TITANIUM METAL POWDER	1140		0.172	1.01	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-36-0	ANTIMONY	4.06	UJ	0.507	4.06	mg/kg	U	UJ	Q	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-38-2	ARSENIC	5.58		0.335	4.06	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-39-3	BARIUM	98.1		0.0335	1.01	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-41-7	BERYLLIUM	0.647	J	0.0680	1.01	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-42-8	BORON	3.23	J	0.842	10.1	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-43-9	CADMIUM	1.01	U	0.0335	1.01	mg/kg	J	U	F	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-47-3	CHROMIUM	22.3		0.0892	3.04	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-48-4	COBALT	5.88		0.0913	1.01	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-50-8	COPPER	13.5	J	0.183	2.03	mg/kg		J	A	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-62-2	VANADIUM (FUME OR DUST)	41.4		0.112	1.01	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-66-6	ZINC	86.4		0.203	4.06	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-67-7	ZIRCONIUM	2.7	J	0.842	5.07	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17440-70-2	CALCIUM METAL	3130		4.08	20.3	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4		17723-14-0	PHOSPHORUS	467		0.517	10.1	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6020A	6/17/2013	PH050	1.4		27782-49-2	SELENIUM	0.21	J	0.101	0.406	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6020A	6/17/2013	PH050	1.4		27440-22-4	SILVER	0.113	J	0.0203	0.203	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6020A	6/17/2013	PH050	1.4		27440-24-6	STRONTIUM	25.3	J	0.0345	0.406	mg/kg		J	E, Q, A	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6020A	6/17/2013	PH050	1.4		27440-28-0	THALLIUM	0.385	J	0.0304	0.203	mg/kg		J	Q	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	7471B	6/16/2013	PH050	1.4		17439-97-6	MERCURY	0.0211		0.0098	0.0163	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8015M	6/15/2013	PH050	1.4		5PHCC12C14	EFH (C12-C14)	25	U	10	25	mg/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8015M	6/15/2013	PH050	1.4		5PHCC15C20	EFH (C15-C20)	25	U	10	25	mg/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8015M	6/15/2013	PH050	1.4		5PHCC21C30	EFH (C21-C30)	37		10	25	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8015M	6/15/2013	PH050	1.4		5PHCC30C40	EFH (C30-C40)	130		20	51	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8015M	6/15/2013	PH050	1.4		5PHCC8C11	EFH (C8-C11)	25	U	10	25	mg/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	180	U	60	180	ug/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10117-84-0	Di-n-octylphthalate	180	U	60	180	ug/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10120-12-7	ANTHRACENE	17	U	3.3	17	ug/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10129-00-0	PYRENE	11	J	6.7	17	ug/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10131-11-3	DIMETHYL PHTHALATE	180	U	60	180	ug/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10191-24-2	BENZO(G,H,I)PERYLENE	17	U	6.7	17	ug/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10192-97-2	Benzo(e)pyrene	170	U	33	170	ug/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	6.7	17	ug/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10205-99-2	BENZO(B)FLUORANTHENE	12	J	6.7	17	ug/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4		10206-44-0	FLUORANTHENE	12	J	6.7	17	ug/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N																										

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	1613B	6/19/2013	PH050	3.7		1	TCDD TEQ	TCDD TEQ	0.177		0					1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7429-90-5	ALUMINUM (FUME OR DUST)	14000		7.93	41.1	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7439-89-6	IRON	17900		3.91	41.1	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7439-92-1	LEAD	4.11		0.483	3.08	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7439-93-2	LITHIUM	25.8		0.57	4.1	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7439-95-4	MAGNESIUM	4170		1.78	10.3	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7439-96-5	MANGANESE	290		0.0853	1.03	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7439-98-7	MOLYBDENUM	2.06	U	0.175	2.06	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-02-0	NICKEL	8.96		0.113	2.06	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-09-7	POTASSIUM	2070		13.9	103	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-23-5	SODIUM	95	J	17.2	103	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-31-5	TIN	10.3	U	0.226	10.3	mg/kg	J	U	B	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-32-6	TITANIUM METAL POWDER	1120		0.175	1.03	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-36-0	ANTIMONY	4.11	UJ	0.514	4.11	mg/kg	U	UJ	Q	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-38-2	ARSENIC	4.4		0.339	4.11	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-39-3	BARIUM	74		0.0339	1.03	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-41-7	BERYLLIUM	0.613	J	0.0689	1.03	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-42-8	BORON	1.9	J	0.853	10.3	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-43-9	CADMIUM	1.03	U	0.0339	1.03	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-47-3	CHROMIUM	13.5		0.0905	3.08	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-48-4	COBALT	4.4		0.0925	1.03	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-50-8	COPPER	5.61	J	0.185	2.06	mg/kg		J	A	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-62-2	VANADIUM (FUME OR DUST)	30.2		0.113	1.03	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-66-6	ZINC	52.3		0.206	4.11	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-67-7	ZIRCONIUM	2.26	J	0.853	5.14	mg/kg	J	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7440-70-2	CALCIUM METAL	1790		4.13	20.6	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6010C	6/17/2013	PH050	3.7		1	7723-14-0	PHOSPHORUS	264		0.524	10.3	mg/kg			1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6020A	6/17/2013	PH050	3.7		2	7782-49-2	SELENIUM	0.411	U	0.103	0.411	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6020A	6/17/2013	PH050	3.7		2	7440-22-4	SILVER	0.206	U	0.0206	0.206	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6020A	6/17/2013	PH050	3.7		2	7440-24-6	STRONTIUM	20.3	J	0.0350	0.411	mg/kg		J	E, Q, A	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	6020A	6/17/2013	PH050	3.7		2	7440-28-0	THALLIUM	0.282	J	0.0308	0.206	mg/kg	J	J	Q	1786775	267533.9	-118.70635
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	7471B	6/16/2013	PH050	3.7		1	7439-97-6	MERCURY	0.017	U	0.0102	0.0170	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8015M	6/15/2013	PH050	3.7		1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8015M	6/15/2013	PH050	3.7		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8015M	6/15/2013	PH050	3.7		1	PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8015M	6/15/2013	PH050	3.7		1	PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8015M	6/15/2013	PH050	3.7		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8015M	6/10/2013	PH050	3.7	28.47	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.2	U	0.2	1.2	mg/kg	U		1786775	267533.9	-118.70635		
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7		1	117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7		1	129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U		1786775	267533.9	-118.70635	
SL-862-SA5A-SB-4.5-5.5	6/6/2013	N	4.5	5.5	ft	SO	5A DG		7085565	LL	8270D SIM	6/18/2013	PH050	3.7															

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-02-0	NICKEL	13.6	J	0.128	1.97	mg/kg		J	A	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-09-7	POTASSIUM	3860		8.20	98.3	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-23-5	SODIUM	70.6	J	16.4	98.3	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-31-5	TIN	9.83	U	0.216	9.83	mg/kg	J	U	B	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-32-6	TITANIUM METAL POWDER	1100		0.167	0.983	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-36-0	ANTIMONY	3.93	UJ	0.727	3.93	mg/kg	U	UJ	Q	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-38-2	ARSENIC	2.52	J	0.688	3.93	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-39-3	BARIUM	112		0.0324	0.983	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-41-7	BERYLLIUM	0.594	J	0.0658	0.983	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-43-9	CADMIUM	0.21	J	0.0747	0.983	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-47-3	CHROMIUM	21.8		0.157	2.95	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-48-4	COBALT	5.93	J	0.0973	0.983	mg/kg		J	E	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-50-8	COPPER	16.3		0.285	1.97	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-62-2	VANADIUM (FUME OR DUST)	36.4		0.128	0.983	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-66-6	ZINC	59		0.197	3.93	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-67-7	ZIRCONIUM	4.91	U	0.825	4.91	mg/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17440-70-2	CALCIUM METAL	2240		3.28	19.7	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6010C	8/9/2013	PH077	1.2		17723-14-0	PHOSPHORUS	348	J	2.84	9.83	mg/kg		J	Q	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6020A	8/6/2013	PH077	1.2		27782-49-2	SELENIUM	0.174	J	0.0983	0.393	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6020A	8/6/2013	PH077	1.2		27440-22-4	SILVER	0.0426	J	0.0255	0.197	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6020A	8/6/2013	PH077	1.2		27440-24-6	STRONTIUM	22.3		0.0668	0.393	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	6020A	8/6/2013	PH077	1.2		27440-28-0	THALLIUM	0.265		0.0295	0.197	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	7471B	8/1/2013	PH077	1.2		17439-97-6	MERCURY	0.01	J	0.0099	0.0164	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8015M	8/2/2013	PH077	1.2		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8015M	8/2/2013	PH077	1.2		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8015M	8/2/2013	PH077	1.2		1PHCC21C30	EFH (C21-C30)	4.5	J	2.0	5.1	mg/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8015M	8/2/2013	PH077	1.2		1PHCC30C40	EFH (C30-C40)	15		4.0	10	mg/kg				1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8015M	8/2/2013	PH077	1.2		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	6.1	J	6.1	18	ug/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1129-00-0	PYRENE	1.4	J	0.67	1.7	ug/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1191-24-2	BENZO(G,H,I)PERYLENE	0.74	J	0.67	1.7	ug/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1205-99-2	BENZO(B)FLUORANTHENE	1.4	J	0.67	1.7	ug/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1206-44-0	FLUORANTHENE	1.6	J	0.67	1.7	ug/kg	J	J	Z	1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1218-01-9	Chrysene	0.46	J	0.35	1.7	ug/kg	J	J	Z	1786410	267030.7	-118.70755
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		150-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786878	267286.4	-118.70601
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786878	267286.4	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-02-0	NICKEL	12.9		0.133	2.04	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-09-7	POTASSIUM	3710		8.53	102	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-23-5	SODIUM	75.8	J	17.1	102	mg/kg	J	J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-32-6	TITANIUM METAL POWDER	970		0.174	1.02	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-36-0	ANTIMONY	4.09	U	0.757	4.09	mg/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-38-2	ARSENIC	3.79	J	0.716	4.09	mg/kg	J	J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-39-3	BARIUM	108		0.0337	1.02	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-41-7	BERYLLIUM	0.633	J	0.0685	1.02	mg/kg	J	J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-42-8	BORON	7.21	J	0.859	10.2	mg/kg	J	J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-43-9	CADMIUM	0.236	J	0.0777	1.02	mg/kg	J	J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-47-3	CHROMIUM	21.1		0.164	3.07	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-48-4	COBALT	5.37		0.101	1.02	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-50-8	COPPER	12.1		0.297	2.04	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-62-2	VANADIUM (FUME OR DUST)	36.1		0.133	1.02	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2	1	7440-66-6	ZINC	58.7		0.204	4.09	mg/kg				1786807	267367.9	-118.70625
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	7471B	11/26/2013	PH129	11.8	1	7439-97-6	MERCURY	0.0183	U	0.0110	0.0183	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8015M	11/23/2013	PH129	11.8	1	PHCC12C14	EFH (C12-C14)	5.7	U	2.3	5.7	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8015M	11/23/2013	PH129	11.8	1	PHCC15C20	EFH (C15-C20)	5.7	U	2.3	5.7	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8015M	11/23/2013	PH129	11.8	1	PHCC21C30	EFH (C21-C30)	4.3	J	2.3	5.7	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8015M	11/23/2013	PH129	11.8	1	PHCC30C40	EFH (C30-C40)	6.7	J	4.5	11	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8015M	11/23/2013	PH129	11.8	1	PHCC8C11	EFH (C8-C11)	5.7	U	2.3	5.7	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8015M	11/21/2013	PH129	11.8	23.58	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	11096-82-5	Aroclor 1260	19	U	4.3	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	11097-69-1	Aroclor 1254	19	U	4.9	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	11100-14-4	Aroclor 1268	19	U	3.7	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	11104-28-2	Aroclor 1221	19	U	5.7	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	11126-42-4	Aroclor 5460	37	U	11	37	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	11141-16-5	Aroclor 1232	19	U	4.6	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	12642-23-8	Aroclor 5442	37	U	11	37	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	12672-29-6	Aroclor 1248	19	U	3.7	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	12674-11-2	Aroclor 1016	19	U	3.7	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	37324-23-5	Aroclor 1262	19	U	3.7	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	53469-21-9	Aroclor 1242	19	U	4.6	19	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8082A	11/26/2013	PH129	11.8	1	63496-31-1	Aroclor 5432	37	U	11	37	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	UJ	6.8	20	ug/kg	U	UJ	L	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	117-84-0	Di-n-octylphthalate	20	UJ	6.8	20	ug/kg	U	UJ	L	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	120-12-7	ANTHRACENE	1.9	U	0.38	1.9	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	129-00-0	PYRENE	1.4	J	0.75	1.9	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	131-11-3	DIMETHYL PHTHALATE	20	U	6.8	20	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	191-24-2	BENZO(G,H,I)PERYLENE	0.81	J	0.75	1.9	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	192-97-2	Benzo(e)pyrene	19	UJ	3.8	19	ug/kg	U	UJ	L	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	U	0.75	1.9	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	205-99-2	BENZO(B)FLUORANTHENE	1.8	J	0.75	1.9	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	8270D SIM	11/26/2013	PH129	11.8	1	206-44-0	FLUORANTHENE	1.9	U	0.75	1.9	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17429-90-5	ALUMINUM (FUME OR DUST)	12900	J	7.79	43.2	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17439-89-6	IRON	22800		3.91	43.2	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17439-92-1	LEAD	14.3		0.540	3.24	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17439-93-2	LITHIUM	22.9		0.37	4.3	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17439-95-4	MAGNESIUM	4520		1.80	10.8	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17439-96-5	MANGANESE	275		0.0896	1.08	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17439-98-7	MOLYBDENUM	2.16	U	0.184	2.16	mg/kg	J	U	F	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-02-0	NICKEL	10.2		0.140	2.16	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-09-7	POTASSIUM	3040		9.01	108	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-23-5	SODIUM	148		18.0	108	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-31-5	TIN	10.8	U	0.238	10.8	mg/kg	J	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-32-6	TITANIUM METAL POWDER	1090		0.184	1.08	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-36-0	ANTIMONY	4.32	UJ	0.799	4.32	mg/kg	U	UJ	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-38-2	ARSENIC	5.14		0.756	4.32	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-39-3	BARIUM	87.6		0.0356	1.08	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-41-7	BERYLLIUM	0.454	J	0.0724	1.08	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-42-8	BORON	2.62	J	0.907	10.8	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-43-9	CADMIUM	0.113	J	0.0821	1.08	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-47-3	CHROMIUM	17.7		0.173	3.24	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-48-4	COBALT	5.04		0.107	1.08	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-50-8	COPPER	9.4		0.313	2.16	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-62-2	VANADIUM (FUME OR DUST)	33.8		0.140	1.08	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-66-6	ZINC	691		0.216	4.32	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-67-7	ZIRCONIUM	4.31	J	0.907	5.40	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17440-70-2	CALCIUM METAL	3610	J	3.61	21.6	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6010C	11/26/2013	PH129	7.4		17723-14-0	PHOSPHORUS	416	J	3.12	10.8	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6020A	11/27/2013	PH129	7.4		27440-22-4	SILVER	0.0404	J	0.0281	0.216	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6020A	11/27/2013	PH129	7.4		27440-24-6	STRONTIUM	20.1		0.0734	0.432	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6020A	11/27/2013	PH129	7.4		27440-28-0	THALLIUM	0.225		0.0324	0.216	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	6020A	11/27/2013	PH129	7.4		27782-49-2	SELENIUM	0.151	J	0.108	0.432	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	7471B	11/26/2013	PH129	7.4		17439-97-6	MERCURY	0.0169	U	0.0102	0.0169	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8015M	11/23/2013	PH129	7.4		50PHCC12C14	EFH (C12-C14)	270	U	110	270	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8015M	11/23/2013	PH129	7.4		50PHCC15C20	EFH (C15-C20)	270	U	110	270	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8015M	11/23/2013	PH129	7.4		50PHCC21C30	EFH (C21-C30)	700		110	270	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8015M	11/23/2013	PH129	7.4		50PHCC30C40	EFH (C30-C40)	2200		220	540	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8015M	11/23/2013	PH129	7.4		50PHCC8C11	EFH (C8-C11)	270	U	110	270	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8015M	11/21/2013	PH129	7.4	247.52	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	3.4	J	2.1	11	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		111097-69-1	Aroclor 1254	8	J	4.7	18	ug/kg	J	J	L, Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		111100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		111104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		111126-42-4	Aroclor 5460	35	U	11	35	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		111141-16-5	Aroclor 1232	18	U	4.4	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		112642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		112672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-4.0-5.0	11/14/2013	N	4	5	ft	SO	5A DG		7279100	LL	8082A	11/26/2013	PH129	7.4		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1785361	267600.5	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8270D SIM	11/22/2013	PH126	1.7		185-01-8	PHENANTHRENE	3.3	J	0.68	1.7	ug/kg		J	FD	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8270D SIM	11/22/2013	PH126	1.7		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8270D SIM	11/22/2013	PH126	1.7		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8270D SIM	11/22/2013	PH126	1.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8270D SIM	11/22/2013	PH126	1.7		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8270D SIM	11/22/2013	PH126	1.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	9045M	11/13/2013	PH126	1.7		1pH	PH	8.25		0.0100	0.0100	pH unit				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	160.3M	11/19/2013	PH126	7.3		1MOIST	MOISTURE	7.3		0.10	0.10	%				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		11746-01-6	2,3,7,8-TCDD	1.06	U	0.0561	1.06	ng/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.28	U	0.0339	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		13268-87-9	OCDD	3.77	J	0.0393	10.6	ng/kg	JB	J	Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.411	J	0.0367	5.28	ng/kg	JBQ	J	Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		139001-02-0	OCDF	10.6	U	0.0812	10.6	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.28	U	0.0343	5.28	ng/kg	JBQ	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.28	U	0.0411	5.28	ng/kg	JBQ	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.06	U	0.0620	1.06	ng/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.28	U	0.0375	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		157117-31-4	2,3,4,7,8-PECDF	5.28	U	0.0282	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.28	U	0.0248	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		157117-44-9	1,2,3,6,7,8-HXCDF	5.28	U	0.0224	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.28	U	0.0345	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		160851-34-5	2,3,4,6,7,8-HXCDF	5.28	U	0.0264	5.28	ng/kg	JBQ	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.28	U	0.0123	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		170648-26-9	1,2,3,4,7,8-HXCDF	5.28	U	0.0284	5.28	ng/kg	JB	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		172918-21-9	1,2,3,7,8,9-HXCDF	5.28	U	0.0384	5.28	ng/kg	JBQ	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	1613B	11/24/2013	PH126	7.3		1TCDD TEQ	TCDD TEQ	0.0995		0	0	ng/kg				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17429-90-5	ALUMINUM (FUME OR DUST)	20200	J	7.63	42.3	mg/kg		J	E	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17439-93-2	LITHIUM	26.4	J	0.36	4.2	mg/kg		J	E	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17439-95-4	MAGNESIUM	6770	J	1.77	10.6	mg/kg		J	E	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-09-7	POTASSIUM	2630	J	8.82	106	mg/kg		J	E, Q	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-23-5	SODIUM	147		17.7	106	mg/kg				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-70-2	CALCIUM METAL	4770	J	3.53	21.2	mg/kg		J	E	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		57439-89-6	IRON	31500	J	19.1	212	mg/kg		J	E	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17439-92-1	LEAD	12.1		0.529	3.17	mg/kg				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17439-96-5	MANGANESE	355	J	0.0878	1.06	mg/kg		J	E	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17439-98-7	MOLYBDENUM	2.12	U	0.180	2.12	mg/kg	J	U	F	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-02-0	NICKEL	14.7		0.137	2.12	mg/kg				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-31-5	TIN	10.6	U	0.233	10.6	mg/kg	J	U	B	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-32-6	TITANIUM METAL POWDER	1370		0.180	1.06	mg/kg				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-36-0	ANTIMONY	4.23	UJ	0.783	4.23	mg/kg	U	UJ	Q	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-38-2	ARSENIC	9.2		0.740	4.23	mg/kg				1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-39-3	BARIUM	122	J	0.0349	1.06	mg/kg		J	E	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-41-7	BERYLLIUM	0.684	J	0.0709	1.06	mg/kg	J	J	Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	6010C	11/21/2013	PH126	7.3		17440-42-8	BORON	4.44	J	0.888	10.6	mg/kg	J	J	Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft																							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		150-29-3	4,4'-DDT	1.7	U	0.36	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		153494-70-5	ENDRIN KETONE	1.8	U	0.61	1.8	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		157-74-9	CHLORDANE	17	U	4.1	17	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		158-89-9	gamma-BHC (Lindane)	0.85	U	0.17	0.85	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		160-57-1	DIELDRIN	1.7	U	0.34	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		172-20-8	ENDRIN	1.7	U	0.34	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		172-43-5	Methoxychlor	6.8	U	1.7	6.8	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		172-54-8	4,4'-DDD	1.7	U	0.34	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		172-55-9	4,4'-DDE	1.7	U	0.34	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		17421-93-4	ENDRIN ALDEHYDE	1.7	U	0.34	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		176-44-8	HEPTACHLOR	0.85	U	0.17	0.85	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		18001-35-2	Toxaphene	34	U	14	34	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8081B	6/20/2013	PH052	2		1959-98-8	ENDOSULFAN I	0.85	U	0.22	0.85	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8270D SIM	6/21/2013	PH052	2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8270D SIM	6/21/2013	PH052	2		1117-84-0	Di-n-octylphthalate	190	J	6.1	18	ug/kg		J	FD	1786117	267076.6	-118.70852
SL-774-SA5A-SB-0.0-0.5	6/10/2013	N	0	0.5	ft	SO	5A DG		7088252	LL	8270D SIM	6/21/2013	PH052	2		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786117	267076.6	-118.70852
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		13268-87-9	OCDD	49	J	0.0439	10.4	ng/kg	B	J	FD	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.03	J	0.0509	5.20	ng/kg	JB	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		139001-02-0	OCDF	1.15	J	0.0391	10.4	ng/kg	JB	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0997	J	0.0468	5.20	ng/kg	J	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.2	U	0.0446	5.20	ng/kg	JBQ	U	B	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.292	J	0.0797	1.04	ng/kg	JQ	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.2	UJ	0.0265	5.20	ng/kg	JB	UJ	B, FD	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		157117-31-4	2,3,4,7,8-PECDF	0.451	J	0.0300	5.20	ng/kg	JB	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.529	J	0.0313	5.20	ng/kg	JB	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		157117-44-9	1,2,3,6,7,8-HXCDF	0.204	J	0.0340	5.20	ng/kg	JBQ	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.675	J	0.0504	5.20	ng/kg	JBQ	J	Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		160851-34-5	2,3,4,6,7,8-HXCDF	0.194	J	0.0344	5.20	ng/kg	JBQ	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.622	J	0.0172	5.20	ng/kg	JB	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		170648-26-9	1,2,3,4,7,8-HXCDF	5.2	UJ	0.0376	5.20	ng/kg	JB	UJ	B, FD	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		172918-21-9	1,2,3,7,8,9-HXCDF	0.594	J	0.0454	5.20	ng/kg	JB	J	Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	1613B	6/11/2013	PH044	4.1		17CDD TEQ	TCDD TEQ	0.375		0	0	ng/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17429-90-5	ALUMINUM (FUME OR DUST)	15300		7.88	40.9	mg/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17439-89-6	IRON	21100		3.88	40.9	mg/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17439-92-1	LEAD	9.58		0.480	3.07	mg/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17439-93-2	LITHIUM	19.5		0.56	4.1	mg/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17439-95-4	MAGNESIUM	4070		1.77	10.2	mg/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17439-96-5	MANGANESE	372		0.0849	1.02	mg/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17439-98-7	MOLYBDENUM	2.04	U	0.174	2.04	mg/kg	J	U	B, F	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17440-02-0	NICKEL	13.5	J	0.112	2.04	mg/kg		J	A	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17440-09-7	POTASSIUM	4040		13.8	102	mg/kg				1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17440-23-5	SODIUM	65.5	J	17.1	102	mg/kg	J	J	Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	6010C	6/4/2013	PH044	4.1		17440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1786629	266926.4	-118.70682

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		183-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		184-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		184-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		185-01-8	PHENANTHRENE	1.2	J	0.70	1.7	ug/kg	J	J	FD, Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		186-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		191-20-3	NAPHTHALENE	1.4	J	0.70	1.7	ug/kg	J	J	Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	8270D SIM	6/10/2013	PH044	4.1		191-57-6	2-METHYLNAPHTHALENE	1.1	J	0.70	1.7	ug/kg	J	J	Z	1786629	266926.4	-118.70682
SL-1238-SA5A-SB-0.0-0.5	5/31/2013	FD	0	0.5	ft	SO	5A DG	SL-838-SA5A-SB-0.0-0.5	7078556	LL	9045M	6/3/2013	PH044	4.1		1pH	PH	5.24		0.0100	0.0100	pH unit				1786629	266926.4	-118.70682
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	160.3M	6/4/2013	PH044	2.9		1MOIST	MOISTURE	2.9		0.10	0.10	%				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		11746-01-6	2,3,7,8-TCDD	0.0862	J	0.0496	1.01	ng/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.577	J	0.0685	5.06	ng/kg	JB	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		13268-87-9	OCDD	207		0.0721	10.1	ng/kg	B			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	14.3		0.0894	5.06	ng/kg	B			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		139001-02-0	OCDF	11.6		0.0514	10.1	ng/kg	B			1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.253	J	0.0618	5.06	ng/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.06	U	0.0609	5.06	ng/kg	JBQ	U	B	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0861	J	0.0766	1.01	ng/kg	JQ	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.315	J	0.0487	5.06	ng/kg	JBQ	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		157117-31-4	2,3,4,7,8-PECDF	0.363	J	0.0358	5.06	ng/kg	JB	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.06	U	0.0369	5.06	ng/kg	JB	U	B	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		157117-44-9	1,2,3,6,7,8-HXCDF	0.195	J	0.0477	5.06	ng/kg	JB	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.633	J	0.0683	5.06	ng/kg	JBQ	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		160851-34-5	2,3,4,6,7,8-HXCDF	0.204	J	0.0501	5.06	ng/kg	JBQ	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		167562-39-4	1,2,3,4,6,7,8-HPCDF	2.51	J	0.0353	5.06	ng/kg	JB	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		170648-26-9	1,2,3,4,7,8-HXCDF	5.06	U	0.0491	5.06	ng/kg	JB	U	B	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		172918-21-9	1,2,3,7,8,9-HXCDF	0.481	J	0.0545	5.06	ng/kg	JB	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	1613B	6/11/2013	PH044	2.9		1TCDD TEQ	TCDD TEQ	0.605		0	0	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17429-90-5	ALUMINIUM (FUME OR DUST)	14300		7.86	40.8	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17439-89-6	IRON	21000		3.87	40.8	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17439-92-1	LEAD	10.7		0.479	3.06	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17439-93-2	LITHIUM	22.9		0.56	4.1	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17439-95-4	MAGNESIUM	4510		1.76	10.2	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17439-96-5	MANGANESE	335		0.0846	1.02	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17439-98-7	MOLYBDENUM	2.04	U	0.173	2.04	mg/kg	J	U	B, F	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17440-02-0	NICKEL	13.2	J	0.112	2.04	mg/kg	J		A	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17440-09-7	POTASSIUM	4200		13.8	102	mg/kg				1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17440-23-5	SODIUM	74.4	J	17.0	102	mg/kg	J	J	Z	1786510	266830.8	-118.70721
SL-815-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078551	LL	6010C	6/4/2013	PH044	2.9		17440-31-5	TIN	10.2	U	0.224	10.2	mg/kg	J	U	B	1786510		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/19/2013	PH054	0.79	1	7440-48-4	COBALT	4.84		0.0872	0.969	mg/kg				1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/19/2013	PH054	0.79	1	7440-62-2	VANADIUM (FUME OR DUST)	29.8		0.107	0.969	mg/kg				1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/19/2013	PH054	0.79	1	7440-66-6	ZINC	55.8		0.194	3.88	mg/kg				1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/19/2013	PH054	0.79	1	7440-67-7	ZIRCONIUM	1.75	J	0.804	4.85	mg/kg	J	J	Z	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/19/2013	PH054	0.79	1	7440-70-2	CALCIUM METAL	3000		3.90	19.4	mg/kg				1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/19/2013	PH054	0.79	1	7723-14-0	PHOSPHORUS	571	J	0.494	9.69	mg/kg		J	Q	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/21/2013	PH054	0.79	1	7439-92-1	LEAD	12.5		0.456	2.91	mg/kg				1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	6010C	6/21/2013	PH054	0.79	1	7440-50-8	COPPER	9.01	J	0.174	1.94	mg/kg		J	Q	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	1746-01-6	2,3,7,8-TCDD	1	U	0.0387	1.00	ng/kg	JB	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.59	J	0.0602	5.00	ng/kg	JB	J	Z	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	3268-87-9	OCDD	1010		0.0636	10.0	ng/kg	B			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	44.4		0.101	5.00	ng/kg	B			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	39001-02-0	OCDF	8.47	J	0.0328	10.0	ng/kg	JB	J	Z	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.611	J	0.0483	5.00	ng/kg	JB	J	Z	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5	U	0.0579	5.00	ng/kg	JB	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.185	J	0.0522	1.00	ng/kg	JB	J	Z	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5	U	0.0320	5.00	ng/kg	JBQ	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	57117-31-4	2,3,4,7,8-PECDF	5	U	0.0322	5.00	ng/kg	JBQ	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5	U	0.0321	5.00	ng/kg	JB	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	57117-44-9	1,2,3,6,7,8-HXCDF	5	U	0.0311	5.00	ng/kg	JB	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.82	J	0.0585	5.00	ng/kg	JB	J	Z	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	60851-34-5	2,3,4,6,7,8-HXCDF	5	U	0.0267	5.00	ng/kg	JB	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	2.87	J	0.0184	5.00	ng/kg	JB	J	Z	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	70648-26-9	1,2,3,4,7,8-HXCDF	5	U	0.0341	5.00	ng/kg	JB	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	72918-21-9	1,2,3,7,8,9-HXCDF	5	U	0.0344	5.00	ng/kg	JB	U	B	1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	1613B	6/21/2013	PH054	0.79	1	TCDD TEQ	TCDD TEQ	1.99		0	0	ng/kg				1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	160.3M	6/13/2013	PH054	0.79	1	MOIST	MOISTURE	0.79		0.10	0.10	%				1786193	266975.5	-118.70827
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	9045M	6/12/2013	PH054	2.9	1	pH	PH	6.5		0.0100	0.0100	pH unit				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	32		6.2	19	ug/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	117-84-0	Di-n-octylphthalate	8.8	J	6.2	19	ug/kg	J	J	Z	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	120-12-7	ANTHRACENE	0.85	J	0.34	1.7	ug/kg	J	J	Z	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	129-00-0	PYRENE	11		0.69	1.7	ug/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	205-99-2	BENZO(B)FLUORANTHENE	4.1		0.69	1.7	ug/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	206-44-0	FLUORANTHENE	16		0.69	1.7	ug/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	207-08-9	BENZO(K)FLUORANTHENE	1.1	J	0.69	1.7	ug/kg	J	J	Z	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	208-96-8	ACENAPHTHYLENE	0.49	J	0.34	1.7	ug/kg	J	J	Z	1786260	266959.9	-118.70805
SL-786-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089824	LL	8270D SIM	6/22/2013	PH054	2.9	1	218-01-9	Chrysene	2.6		0.34	1.7	ug/kg				1786198	267032.1	-118.70825
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	50-32-8	BENZO(A)PYRENE	0.91	J	0.69	1.7	ug/kg	J	J	Z	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	56-55-3	BENZO(A)ANTHRACENE	0.8	J	0.69	1.7	ug/kg	J	J	Z	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69</								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/19/2013	PH054	2.9		1	7440-47-3	CHROMIUM	19.3	J	0.0906	3.09	mg/kg		J	Q, E	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/19/2013	PH054	2.9		1	7440-48-4	COBALT	5.94		0.0927	1.03	mg/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/19/2013	PH054	2.9		1	7440-62-2	VANADIUM (FUME OR DUST)	36.3		0.113	1.03	mg/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/19/2013	PH054	2.9		1	7440-66-6	ZINC	47.7		0.206	4.12	mg/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/19/2013	PH054	2.9		1	7440-67-7	ZIRCONIUM	2.09	J	0.855	5.15	mg/kg	J	J	Z	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/19/2013	PH054	2.9		1	7440-70-2	CALCIUM METAL	1940		4.14	20.6	mg/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/19/2013	PH054	2.9		1	7723-14-0	PHOSPHORUS	310	J	0.525	10.3	mg/kg		J	Q	1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/24/2013	PH054	2.9		1	7439-92-1	LEAD	6.6		0.515	3.09	mg/kg				1786260	266959.9	-118.70805
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	6010C	6/21/2013	PH054	2.9		1	7440-50-8	COPPER	8.7	J	0.185	2.06	mg/kg		J	Q	1786260	266959.9	-118.70805
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		1	7723-14-0	PHOSPHORUS	231		3.03	10.5	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6020A	6/27/2013	PH059	6.6		2	7782-49-2	SELENIUM	0.111	J	0.105	0.420	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6020A	6/27/2013	PH059	6.6		2	7440-22-4	SILVER	0.0416	J	0.0273	0.210	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6020A	6/27/2013	PH059	6.6		2	7440-24-6	STRONTIUM	38.8		0.0546	0.420	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6020A	6/27/2013	PH059	6.6		2	7440-28-0	THALLIUM	0.375		0.0315	0.210	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	7471B	6/25/2013	PH059	6.6		1	7439-97-6	MERCURY	0.0177	U	0.0106	0.0177	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8015M	6/25/2013	PH059	6.6		1	PHCC12C14	EFH (C12-C14)	5.4	U	2.1	5.4	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8015M	6/25/2013	PH059	6.6		1	PHCC15C20	EFH (C15-C20)	5.4	U	2.1	5.4	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8015M	6/25/2013	PH059	6.6		1	PHCC21C30	EFH (C21-C30)	2.4	J	2.1	5.4	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8015M	6/25/2013	PH059	6.6		1	PHCC30C40	EFH (C30-C40)	11	U	4.3	11	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8015M	6/25/2013	PH059	6.6		1	PHCC8C11	EFH (C8-C11)	5.4	U	2.1	5.4	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8015M	6/22/2013	PH059	6.6	24.18	GROCS612	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786724	267467.5	-118.70652	
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.4	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	117-84-0	Di-n-octylphtalate	19	U	6.4	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	129-00-0	PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	192-97-2	Benzo(e)pyrene	18	U	3.6	18	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	205-99-2	BENZO(B)FLUORANTHENE	0.97	J	0.71	1.8	ug/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	206-44-0	FLUORANTHENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	218-01-9	Chrysene	1.8	U	0.36	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	50-32-8	BENZO(A)PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	83-32-9	ACENAPHTHENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	84-66-2	DIETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	84-74-2	Di-n-butylphtalate	19	U	6.4	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	85-01-8	PHENANTHRENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	86-73-7	FLUORENE	1.8	U	0.71	1.8	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	8270D SIM	6/28/2013	PH059	6.6		1	90-12-0	1-METHYLNAPHTHALENE	0.93	J	0.71	1.8	ug/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft</																								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-39-3	BARIUM	113		0.0338	1.02	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-41-7	BERYLLIUM	0.614	J	0.0686	1.02	mg/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-42-8	BORON	4.7	J	0.861	10.2	mg/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-43-9	CADMIUM	1.02	U	0.0779	1.02	mg/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-47-3	CHROMIUM	23.5		0.164	3.07	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-48-4	COBALT	6.25		0.101	1.02	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-50-8	COPPER	11.9		0.297	2.05	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-62-2	VANADIUM (FUME OR DUST)	41.1		0.133	1.02	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-66-6	ZINC	88.2		0.205	4.10	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-67-7	ZIRCONIUM	5.12	U	0.861	5.12	mg/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17440-70-2	CALCIUM METAL	3330		3.42	20.5	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6010C	6/27/2013	PH059	2.4		17723-14-0	PHOSPHORUS	482		2.96	10.2	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6020A	6/27/2013	PH059	2.4		27782-49-2	SELENIUM	0.128	J	0.102	0.410	mg/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6020A	6/27/2013	PH059	2.4		27440-22-4	SILVER	0.0674	J	0.0266	0.205	mg/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6020A	6/27/2013	PH059	2.4		27440-24-6	STRONTIUM	27.5		0.0533	0.410	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	6020A	6/27/2013	PH059	2.4		27440-28-0	THALLIUM	0.309		0.0307	0.205	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	7471B	6/25/2013	PH059	2.4		17439-97-6	MERCURY	0.0143	J	0.0096	0.0160	mg/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8015M	6/25/2013	PH059	2.4		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8015M	6/25/2013	PH059	2.4		1PHCC15C20	EFH (C15-C20)	2.3	J	2.0	5.1	mg/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8015M	6/25/2013	PH059	2.4		1PHCC21C30	EFH (C21-C30)	30		2.0	5.1	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8015M	6/25/2013	PH059	2.4		1PHCC30C40	EFH (C30-C40)	72		4.1	10	mg/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8015M	6/25/2013	PH059	2.4		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	38		6.1	18	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1120-12-7	ANTHRACENE	18		0.34	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1129-00-0	PYRENE	100		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1191-24-2	BENZO(G,H,I)PERYLENE	9.3		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1192-97-2	Benzo(e)pyrene	18		3.4	17	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1193-39-5	INDENO(1,2,3-CD)PYRENE	9.1		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1205-99-2	BENZO(B)FLUORANTHENE	27		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1206-44-0	FLUORANTHENE	99		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1207-08-9	BENZO(K)FLUORANTHENE	17		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		1208-96-8	ACENAPHTHYLENE	0.6	J	0.34	1.7	ug/kg	J	J	Z	1786800	267452.5	-118.70627
SL-787-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089825	LL	8270D SIM	6/22/2013	PH054	2.9		1218-01-9	Chrysene	4.5		0.34	1.7	ug/kg				1786260	266959.9	-118.70805
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		150-32-8	BENZO(A)PYRENE	26		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		153-70-3	DIBENZO(A,H)ANTHRACENE	3.3		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		156-55-3	BENZO(A)ANTHRACENE	36		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		183-32-9	ACENAPHTHENE	7.7		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	84-74-2	6/29/2013	PH059	2.4		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		185-01-8	PHENANTHRENE	85		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		186-73-7	FLUORENE	5.8		0.68	1.7	ug/kg				1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097891	LL	8270D SIM	6/29/2013	PH059	2.4		190-12-0	1-METHYLNAPHTHALENE	1.4	J	0.68	1.7	ug/kg	J	J	Z	1786800	267452.5	-118.70627
SL-864-SA5A-SB-0.0-0.5	6/18/2013																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6010C	6/27/2013	PH060	2.8		17440-48-4	COBALT	5.76	J	0.0999	1.01	mg/kg		J	E	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6010C	6/27/2013	PH060	2.8		17440-50-8	COPPER	8.86	J	0.293	2.02	mg/kg		J	A	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6010C	6/27/2013	PH060	2.8		17440-62-2	VANADIUM (FUME OR DUST)	41.6		0.131	1.01	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6010C	6/27/2013	PH060	2.8		17440-66-6	ZINC	58.6		0.202	4.03	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6010C	6/27/2013	PH060	2.8		17440-67-7	ZIRCONIUM	3.73	J	0.847	5.04	mg/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6010C	6/27/2013	PH060	2.8		17440-70-2	CALCIUM METAL	2490		3.37	20.2	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6010C	6/27/2013	PH060	2.8		17723-14-0	PHOSPHORUS	396		2.91	10.1	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6020A	6/27/2013	PH060	2.8		7440-22-4	SILVER	0.0779	J	0.0262	0.202	mg/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6020A	6/27/2013	PH060	2.8		7440-24-6	STRONTIUM	31.6	J	0.0524	0.403	mg/kg		J	Q	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6020A	6/27/2013	PH060	2.8		7440-28-0	THALLIUM	0.394		0.0303	0.202	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	6020A	6/27/2013	PH060	2.8		7782-49-2	SELENIUM	0.228	J	0.101	0.403	mg/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	7471B	6/28/2013	PH060	2.8		17439-97-6	MERCURY	0.0162	J	0.0102	0.0170	mg/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8015M	6/25/2013	PH060	2.8		5PHCC12C14	EFH (C12-C14)	26	U	10	26	mg/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8015M	6/25/2013	PH060	2.8		5PHCC15C20	EFH (C15-C20)	26	U	10	26	mg/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8015M	6/25/2013	PH060	2.8		5PHCC21C30	EFH (C21-C30)	70		10	26	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8015M	6/25/2013	PH060	2.8		5PHCC30C40	EFH (C30-C40)	200		21	51	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8015M	6/25/2013	PH060	2.8		5PHCC8C11	EFH (C8-C11)	26	U	10	26	mg/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	430		62	180	ug/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10117-84-0	Di-n-octylphthalate	180	U	62	180	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10120-12-7	ANTHRACENE	17	U	3.4	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10129-00-0	PYRENE	15	J	6.8	17	ug/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10131-11-3	DIMETHYL PHTHALATE	180	U	62	180	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10191-24-2	BENZO(G,H,I)PERYLENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10192-97-2	Benzo(e)pyrene	170	U	34	170	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10205-99-2	BENZO(B)FLUORANTHENE	7.6	J	6.8	17	ug/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10206-44-0	FLUORANTHENE	20		6.8	17	ug/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10207-08-9	BENZO(K)FLUORANTHENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10208-96-8	ACENAPHTHYLENE	17	U	3.4	17	ug/kg	U			1786877	267461.2	-118.70602
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8270D SIM	6/22/2013	PH054	0.79		1218-01-9	Chrysene	2.5		0.34	1.7	ug/kg				1786193	266975.5	-118.70827
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1050-32-8	BENZO(A)PYRENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1053-70-3	DIBENZO(A,H)ANTHRACENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1056-55-3	BENZO(A)ANTHRACENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1062-75-9	METHANAMINE, N-METHYL-N-NITROSO	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1083-32-9	ACENAPHTHENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1084-66-2	DIETHYL PHTHALATE	180	U	62	180	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1084-74-2	Di-n-butylphthalate	180	U	62	180	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1085-01-8	PHENANTHRENE	14	J	6.8	17	ug/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1085-68-7	BENZYL BUTYL PHTHALATE	180	U	62	180	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1086-73-7	FLUORENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1090-12-0	1-METHYLNAPHTHALENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1091-20-3	NAPHTHALENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		1091-57-6	2-METHYLNAPHTHALENE	17	U	6.8	17	ug/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	9045M	6/20/2013	PH060	2.8		1pH	PH	6.82		0.0100	0.0100	pH unit				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	160.3M	6/25/2013	PH060	4		1MOIST	MOISTURE	4		0.10	0.10	%				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	1613B	6/29/2013	PH060	4		11746-01-6	2,3,7,8-TCDD	1.01	U	0.0305	1.01	ng/kg	U			1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7440-47-3	CHROMIUM	27.7		0.167	3.13	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7440-48-4	COBALT	7.46	J	0.103	1.04	mg/kg	J	E		1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7440-50-8	COPPER	12.1	J	0.302	2.08	mg/kg	J	A		1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7440-62-2	VANADIUM (FUME OR DUST)	46.7		0.135	1.04	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7440-66-6	ZINC	65.5		0.208	4.17	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7440-67-7	ZIRCONIUM	3.87	J	0.875	5.21	mg/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7440-70-2	CALCIUM METAL	2940		3.48	20.8	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6010C	6/27/2013	PH060	4		1 7723-14-0	PHOSPHORUS	486		3.01	10.4	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6020A	6/27/2013	PH060	4		2 7440-22-4	SILVER	0.0839	J	0.0271	0.208	mg/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6020A	6/27/2013	PH060	4		2 7440-24-6	STRONTIUM	34	J	0.0542	0.417	mg/kg	J	J	Q	1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6020A	6/27/2013	PH060	4		2 7440-28-0	THALLIUM	0.451		0.0313	0.208	mg/kg				1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	6020A	6/27/2013	PH060	4		2 7782-49-2	SELENIUM	0.237	J	0.104	0.417	mg/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-5.5-6.5	6/19/2013	N	5.5	6.5	ft	SO	5A DG		7099661	LL	7471B	6/28/2013	PH060	4		1 7439-97-6	MERCURY	0.0168	U	0.0101	0.0168	mg/kg	U			1786877	267461.2	-118.70602
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.49	U	0.0169	5.49	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 3268-87-9	OCDD	7.57	J	0.0331	11.0	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.613	J	0.0275	5.49	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 39001-02-0	OCDF	11	U	0.0309	11.0	ng/kg	JB	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.49	U	0.0154	5.49	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.49	U	0.0150	5.49	ng/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.1	U	0.00917	1.10	ng/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 55673-89-7	1,2,3,4,7,8,9-HPCDF	5.49	U	0.0214	5.49	ng/kg	JB	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 57117-31-4	2,3,4,7,8-PECDF	5.49	U	0.00749	5.49	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.49	U	0.00772	5.49	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 57117-44-9	1,2,3,6,7,8-HXCDF	5.49	U	0.0111	5.49	ng/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.49	U	0.0161	5.49	ng/kg	JB	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 60851-34-5	2,3,4,6,7,8-HXCDF	5.49	U	0.0106	5.49	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 67562-39-4	1,2,3,4,6,7,8-HPCDF	5.49	U	0.0129	5.49	ng/kg	JB	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 70648-26-9	1,2,3,4,7,8-HXCDF	5.49	U	0.0116	5.49	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 72918-21-9	1,2,3,7,8,9-HXCDF	5.49	U	0.0139	5.49	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		1 TCDD TEQ	TCDD TEQ	0.0164		0	0	ng/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/13/2013	PH047	10.6		1 7440-70-2	CALCIUM METAL	2020		4.37	21.7	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/14/2013	PH047	10.6		5 7440-50-8	COPPER	12.4		0.977	10.9	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7429-90-5	ALUMINUM (FUME OR DUST)	22300		8.37	43.4	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7439-89-6	IRON	28200		4.13	43.4	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7439-92-1	LEAD	8.74		0.510	3.26	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7439-93-2	LITHIUM	28.5		0.60	4.3	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7439-95-4	MAGNESIUM	4680		1.88	10.9	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7439-96-5	MANGANESE	172		0.0901	1.09	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7439-98-7	MOLYBDENUM	2.17	U	0.185	2.17	mg/kg	J	U	F, B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7440-02-0	NICKEL	9.48		0.119	2.17	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7440-09-7	POTASSIUM	1800		14.7	109	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7440-23-5	SODIUM	114		18.1	109	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7440-31-5	TIN	10.9	U	0.239	10.9	mg/kg	J	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7440-32-6	TITANIUM METAL POWDER	1290		0.185	1.09	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	6010C	6/12/2013	PH047	10.6		1 7440-36-0	ANTIMONY	4.34	U	0.543	4.34	mg/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	120-12-7	ANTHRACENE	1.9	U	0.37	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	129-00-0	PYRENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	131-11-3	DIMETHYL PHTHALATE	20	U	6.7	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	191-24-2	BENZO(G,H,I)PERYLENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	192-97-2	Benzo(e)pyrene	19	U	3.7	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	205-99-2	BENZO(B)FLUORANTHENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	206-44-0	FLUORANTHENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	207-08-9	BENZO(K)FLUORANTHENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.37	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	218-01-9	Chrysene	1.9	U	0.37	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	50-32-8	BENZO(A)PYRENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	56-55-3	BENZO(A)ANTHRACENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	83-32-9	ACENAPHTHENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	84-66-2	DIETHYL PHTHALATE	20	U	6.7	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	84-74-2	Di-n-butylphthalate	20	U	6.7	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	85-01-8	PHENANTHRENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	85-68-7	BENZYL BUTYL PHTHALATE	20	U	6.7	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	86-73-7	FLUORENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	90-12-0	1-METHYLNAPHTHALENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	91-20-3	NAPHTHALENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	8270D SIM	6/14/2013	PH047	10.6	1	91-57-6	2-METHYLNAPHTHALENE	1.9	U	0.75	1.9	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	9045M	6/6/2013	PH047	10.6	1	pH	PH	7.07		0.0100	0.0100	pH unit				1786793	267575.2	-118.7063
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	160.3M	6/11/2013	PH050	1.4	1	MOIST	MOISTURE	1.4		0.10	0.10	%				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	1746-01-6	2,3,7,8-TCDD	0.261	J	0.0499	0.991	ng/kg	JBQ	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.99		0.0468	4.96	ng/kg	B			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	3268-87-9	OCDD	2060		0.0457	9.91	ng/kg	B			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	132		0.0670	4.96	ng/kg	B			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	39001-02-0	OCDF	28.4		0.0312	9.91	ng/kg	B			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	2.24	J	0.0474	4.96	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	1.35	J	0.0832	4.96	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.948	J	0.0869	0.991	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.82	J	0.0253	4.96	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	57117-31-4	2,3,4,7,8-PECDF	4.96	U	0.0426	4.96	ng/kg	JBQ	U	B	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	1.25	J	0.0453	4.96	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.868	J	0.0356	4.96	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.36		0.0489	4.96	ng/kg	B			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	60851-34-5	2,3,4,6,7,8-HXCDF	0.934	J	0.0343	4.96	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	10.8		0.0208	4.96	ng/kg	B			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	70648-26-9	1,2,3,4,7,8-HXCDF	1.03	J	0.0353	4.96	ng/kg	JB	J	Z	1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	72918-21-9	1,2,3,7,8,9-HXCDF	4.96	U	0.0385	4.96	ng/kg	U			1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	1613B	6/20/2013	PH050	1.4	1	TCDD TEQ	TCDD TEQ	5.09		0	0	ng/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	6010C	6/17/2013	PH050	1.4	1	7429-90-5	ALUMINUM (FUME OR DUST)	15400		7.82	40.6	mg/kg				1786775	267533.9	-118.70635
SL-862-SA5A-SB-0.0-0.5	6/6/20																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	8270D SIM	6/23/2013	PH057	1.8		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	8270D SIM	6/23/2013	PH057	1.8		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	8270D SIM	6/23/2013	PH057	1.8		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	8270D SIM	6/23/2013	PH057	1.8		191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	8270D SIM	6/23/2013	PH057	1.8		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	9045M	6/15/2013	PH057	1.8		pH	PH	6.39		0.0100	0.0100	pH unit				1786993	267371	-118.70563
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	160.3M	7/31/2013	PH077	2.6		1MOIST	MOISTURE	2.6		0.10	0.10	%				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		11746-01-6	2,3,7,8-TCDD	1.01	U	0.0226	1.01	ng/kg	JBQ	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.03	U	0.0299	5.03	ng/kg	JB	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		13268-87-9	OCDD	5.3	J	0.0545	10.1	ng/kg	JB	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.383	J	0.0381	5.03	ng/kg	JBQ	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		139001-02-0	OCDF	10.1	U	0.0565	10.1	ng/kg	JB	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.03	U	0.0332	5.03	ng/kg	JBQ	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0601	J	0.0377	5.03	ng/kg	JQ	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0333	J	0.0189	1.01	ng/kg	JQ	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.03	U	0.0279	5.03	ng/kg	JB	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		157117-31-4	2,3,4,7,8-PECDF	5.03	U	0.0242	5.03	ng/kg	JBQ	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.03	U	0.0254	5.03	ng/kg	JBQ	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		157117-44-9	1,2,3,6,7,8-HXCDF	5.03	U	0.0125	5.03	ng/kg	U			1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.03	U	0.0366	5.03	ng/kg	JBQ	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		160851-34-5	2,3,4,6,7,8-HXCDF	5.03	U	0.0116	5.03	ng/kg	JBQ	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.03	U	0.0199	5.03	ng/kg	JB	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		170648-26-9	1,2,3,4,7,8-HXCDF	5.03	U	0.0129	5.03	ng/kg	JBQ	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		172918-21-9	1,2,3,7,8,9-HXCDF	0.252	J	0.0116	5.03	ng/kg	JBQ	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	1613B	8/8/2013	PH077	2.6		1TCDD TEQ	TCDD TEQ	0.0278		0	0	ng/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-42-8	BORON	1.48	J	0.846	10.1	mg/kg	J	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17429-90-5	ALUMINUM (FUME OR DUST)	17200		7.26	40.3	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17439-89-6	IRON	22000		3.64	40.3	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17439-92-1	LEAD	7.14		0.503	3.02	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17439-93-2	LITHIUM	21.5		0.34	4.0	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17439-95-4	MAGNESIUM	4360		1.68	10.1	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17439-96-5	MANGANESE	355	J	0.0835	1.01	mg/kg		J	E	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17439-98-7	MOLYBDENUM	2.01	U	0.171	2.01	mg/kg	J	U	F, B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-02-0	NICKEL	14.7	J	0.131	2.01	mg/kg		J	A	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-09-7	POTASSIUM	3570		8.39	101	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-23-5	SODIUM	69.5	J	16.8	101	mg/kg	J	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-31-5	TIN	10.1	U	0.221	10.1	mg/kg	J	U	B	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-32-6	TITANIUM METAL POWDER	1100		0.171	1.01	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-36-0	ANTIMONY	4.03	UJ	0.745	4.03	mg/kg	U	UJ	Q	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-38-2	ARSENIC	3.31	J	0.705	4.03	mg/kg	J	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-39-3	BARIUM	114		0.0332	1.01	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-41-7	BERYLLIUM	0.662	J	0.0674	1.01	mg/kg	J	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-43-9	CADMIUM	0.175	J	0.0765	1.01	mg/kg	J	J	Z	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-47-3	CHROMIUM	22.8		0.161	3.02	mg/kg				1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	6010C	8/9/2013	PH077	2.6		17440-48-4	COBALT	6.55	J	0.0996	1.01	mg/kg		J	E	1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0																									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	8270D SIM	8/8/2013	PH077	2.6		185-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	8270D SIM	8/8/2013	PH077	2.6		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.2	18	ug/kg	U			1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	8270D SIM	8/8/2013	PH077	2.6		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	8270D SIM	8/8/2013	PH077	2.6		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	8270D SIM	8/8/2013	PH077	2.6		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	8270D SIM	8/8/2013	PH077	2.6		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786790	267248.6	-118.7063
SL-849-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143798	LL	9045M	7/30/2013	PH077	2.6		pH	PH	6.29		0.0100	0.0100	pH unit				1786790	267248.6	-118.7063
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	160.3M	7/31/2013	PH077	1.2		1MOIST	MOISTURE	1.2		0.10	0.10	%				1786878	267286.4	-118.70601
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17429-90-5	ALUMINUM (FUME OR DUST)	16600		7.89	43.8	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17439-89-6	IRON	21200		3.96	43.8	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17439-92-1	LEAD	6.39		0.547	3.28	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17439-93-2	LITHIUM	27		0.37	4.4	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17439-95-4	MAGNESIUM	4820		1.83	10.9	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17439-96-5	MANGANESE	301		0.0908	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17439-98-7	MOLYBDENUM	2.19	U	0.186	2.19	mg/kg	J	U	F	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-02-0	NICKEL	11.2		0.142	2.19	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-09-7	POTASSIUM	3250	J	9.13	109	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-23-5	SODIUM	147		18.3	109	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-31-5	TIN	10.9	U	0.241	10.9	mg/kg	J	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-32-6	TITANIUM METAL POWDER	1160		0.186	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-36-0	ANTIMONY	4.38	UJ	0.810	4.38	mg/kg	U	UJ	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-38-2	ARSENIC	5.02		0.766	4.38	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-39-3	BARIUM	103		0.0361	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-41-7	BERYLLIUM	0.632	J	0.0733	1.09	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-42-8	BORON	3.35	J	0.919	10.9	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-43-9	CADMIUM	1.09	U	0.0832	1.09	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-47-3	CHROMIUM	18.1		0.175	3.28	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-48-4	COBALT	5.88		0.108	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-50-8	COPPER	9.73		0.317	2.19	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-62-2	VANADIUM (FUME OR DUST)	35.3		0.142	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-66-6	ZINC	59		0.219	4.38	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-67-7	ZIRCONIUM	3.71	J	0.919	5.47	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17440-70-2	CALCIUM METAL	3590	J	3.66	21.9	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6010C	11/26/2013	PH129	11.3		17723-14-0	PHOSPHORUS	363	J	3.16	10.9	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6020A	11/27/2013	PH129	11.3		27440-22-4	SILVER	0.0346	J	0.0285	0.219	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6020A	11/27/2013	PH129	11.3		27440-24-6	STRONTIUM	19.6		0.0744	0.438	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6020A	11/27/2013	PH129	11.3		27440-28-0	THALLIUM	0.286		0.0328	0.219	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	6020A	11/27/2013	PH129	11.3		27782-49-2	SELENIUM	0.155	J	0.109	0.438	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	7471B	11/26/2013	PH129	11.3		17439-97-6	MERCURY	0.0185	U	0.0111	0.0185	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8015M	11/23/2013	PH129	11.3		1PHCC12C14	EFH (C12-C14)	5.6	U	2.3	5.6	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8015M	11/23/2013	PH129	11.3		1PHCC15C20	EFH (C15-C20)	5.6	U	2.3	5.6	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8015M	11/23/2013	PH129	11.3		1PHCC21C30	EFH (C21-C30)	5.6	U	2.3	5.6	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8015M	11/23/2013	PH129	11.3		1PHCC30C40	EFH (C30-C40)	11	U	4.5	11	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8015M	11/23/2013	PH129	11.3		1PHCC8C11	EFH (C8-C11)	5.6	U	2.3	5.6	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8015M	11/21/2013	PH129	11.3	23.72	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8082																	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8270D SIM	11/26/2013	PH129	11.3		191-20-3	NAPHTHALENE	1.9	U	0.74	1.9	ug/kg	U			1785361	267600.5	-118.71103	
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	8270D SIM	11/26/2013	PH129	11.3		191-57-6	2-METHYLNAPHTHALENE	1.9	U	0.74	1.9	ug/kg	U			1785361	267600.5	-118.71103	
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	9045M	11/15/2013	PH129	11.3		pH	PH	8.05		0.0100	0.0100	pH unit				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	160.3M	11/19/2013	PH129	11.8		1MOIST	MOISTURE	11.8		0.10	0.10	%				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		11746-01-6	2,3,7,8-TCDD	0.131	J	0.0569	1.13	ng/kg	JQ	J	Z	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.64	U	0.0430	5.64	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		13268-87-9	OCDD	8.57	J	0.0667	11.3	ng/kg	JB	J	Z	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.26	J	0.0651	5.64	ng/kg	JB	J	Z	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		139001-02-0	OCDF	11.3	U	0.0794	11.3	ng/kg	JB	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.64	U	0.0405	5.64	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.64	U	0.0632	5.64	ng/kg	JB	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.13	U	0.0624	1.13	ng/kg	U			1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.64	U	0.0397	5.64	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		157117-31-4	2,3,4,7,8-PECDF	5.64	U	0.0341	5.64	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.64	U	0.0379	5.64	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		157117-44-9	1,2,3,6,7,8-HXCDF	5.64	U	0.0354	5.64	ng/kg	U			1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.64	U	0.0451	5.64	ng/kg	U			1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		160851-34-5	2,3,4,6,7,8-HXCDF	5.64	U	0.0347	5.64	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.64	U	0.0263	5.64	ng/kg	JB	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		170648-26-9	1,2,3,4,7,8-HXCDF	5.64	U	0.0357	5.64	ng/kg	JB	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		172918-21-9	1,2,3,7,8,9-HXCDF	5.64	U	0.0356	5.64	ng/kg	JB	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	1613B	11/27/2013	PH129	11.8		17TCDD TEQ	TCDD TEQ	0.19		0	0	ng/kg					1785361	267600.5	-118.71103
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17429-90-5	ALUMINUM (FUME OR DUST)	10100	J	8.17	45.4	mg/kg		J	E	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17439-89-6	IRON	18500		4.10	45.4	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17439-92-1	LEAD	4.78		0.567	3.40	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17439-93-2	LITHIUM	24.9		0.39	4.5	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17439-95-4	MAGNESIUM	5610		1.89	11.3	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17439-96-5	MANGANESE	241		0.0941	1.13	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17439-98-7	MOLYBDENUM	2.27	U	0.193	2.27	mg/kg	J	U	F	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-02-0	NICKEL	9.87		0.147	2.27	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-09-7	POTASSIUM	2780	J	9.46	113	mg/kg		J	Q	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-23-5	SODIUM	117		18.9	113	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-31-5	TIN	11.3	U	0.249	11.3	mg/kg	J	U	B	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-32-6	TITANIUM METAL POWDER	1010		0.193	1.13	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-36-0	ANTIMONY	4.54	UJ	0.839	4.54	mg/kg	U	UJ	Q	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-38-2	ARSENIC	4.69		0.794	4.54	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-39-3	BARIUM	62.5		0.0374	1.13	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-41-7	BERYLLIUM	0.401	J	0.0760	1.13	mg/kg	J	J	Z	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-42-8	BORON	2.32	J	0.952	11.3	mg/kg	J	J	Z	1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-43-9	CADMIUM	1.13	U	0.0862	1.13	mg/kg	U			1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-47-3	CHROMIUM	17.6		0.181	3.40	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-48-4	COBALT	5		0.112	1.13	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-50-8	COPPER	8.05		0.329	2.27	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/14/2013	N	33	34	ft	SO	5A DG		7279104	LL	6010C	11/26/2013	PH129	11.8		17440-62-2	VANADIUM (FUME OR DUST)	32		0.147	1.13	mg/kg				1785361	267600.5	-118.71103	
SL-508-SA5A-SB-33.0-34.0	11/																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8082A	11/24/2013	PH125	0.61		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		110-91-8	MORPHOLINE	20	U	20	20	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.0	18	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		117-84-0	Di-n-octylphtthalate	18	U	6.0	18	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		129-00-0	PYRENE	1.1	J	0.67	1.7	ug/kg	J	J	Z	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		205-99-2	BENZO(B)FLUORANTHENE	1.6	J	0.67	1.7	ug/kg	J	J	Z	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		206-44-0	FLUORANTHENE	1.4	J	0.67	1.7	ug/kg	J	J	Z	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-791-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093176	LL	8270D SIM	6/23/2013	PH056	1		218-01-9	Chrysene	2.4		0.33	1.7	ug/kg				1786075	266911.6	-118.70866
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		250-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		83-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		84-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		84-74-2	Di-n-butylphtthalate	18	U	6.0	18	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		85-01-8	PHENANTHRENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		86-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		91-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8270D SIM	11/25/2013	PH125	0.61		91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	8315A	11/21/2013	PH125	0.61		50-00-0	FORMALDEHYDE	2000	U	1200	2000	ug/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	9045M	11/13/2013	PH125	0.61		pH	PH	7.34		0.0100	0.0100	pH unit				1785884	267366.2	-118.7093
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	160.3M	11/19/2013	PH126	1.7		1MOIST	MOISTURE	1.7		0.10	0.10	%				1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		1746-01-6	2,3,7,8-TCDD	0.99	UJ	0.0499	0.990	ng/kg	JBQ	UJ	B, FD	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.654	J	0.0591	4.95	ng/kg	JB	J	Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		3268-87-9	OCDD	297	J	0.0690	9.90	ng/kg	B	J	Q	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	30.8	J	0.0636	4.95	ng/kg	B	J	FD, Q	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		39001-02-0	OCDF	8.55	J	0.0390	9.90	ng/kg	JB	J	FD, Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.327	J	0.0593	4.95	ng/kg	JB	J	FD, Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.95	UJ	0.0505	4.95	ng/kg	JBQ	UJ	B, FD	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.99	UJ	0.0720	0.990	ng/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		55673-89-7	1,2,3,4,7,8,9-HPCDF	4.95	UJ	0.0272	4.95	ng/kg	JBQ	UJ	B, FD	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		57117-31-4	2,3,4,7,8-PECDF	0.389	J	0.0340	4.95	ng/kg	JB	J	FD, Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.922	J	0.0339	4.95	ng/kg	JB	J	FD, Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		57117-44-9	1,2,3,6,7,8-HXCDF	0.262	J	0.0336	4.95	ng/kg	JB	J	FD, Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.03	J	0.0598	4.95	ng/kg	JB	J	Z	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	1613B	11/24/2013	PH126	1.7		60851-34-5	2,3,4,6,7,8-HXCDF	4.95										

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.15	U	0.0467	5.15	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.03	U	0.0358	1.03	ng/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.15	U	0.0255	5.15	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		157117-31-4	2,3,4,7,8-PECDF	5.15	U	0.0241	5.15	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.15	U	0.0221	5.15	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		157117-44-9	1,2,3,6,7,8-HXCDF	5.15	U	0.0170	5.15	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.15	U	0.0358	5.15	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		160851-34-5	2,3,4,6,7,8-HXCDF	5.15	U	0.0161	5.15	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.15	U	0.0129	5.15	ng/kg	JB	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		170648-26-9	1,2,3,4,7,8-HXCDF	5.15	U	0.0199	5.15	ng/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		172918-21-9	1,2,3,7,8,9-HXCDF	5.15	U	0.0216	5.15	ng/kg	JBQ	U	B	1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	1613B	6/22/2013	PH055	4		1TCDD TEQ	TCDD TEQ	0.271		0	0	ng/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-2.5-3.5	6/12/2013	N	2.5	3.5	ft	SO	5A DG		7091439	LL	160.3M	6/18/2013	PH055	4		1MOIST	MOISTURE	4		0.10	0.10	%				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	9045M	6/13/2013	PH055	4.1		1pH	PH	7.14		0.0100	0.0100	pH unit				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	85		6.2	19	ug/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1117-84-0	Di-n-octylphtthalate	40		6.2	19	ug/kg				1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1205-99-2	BENZO(B)FLUORANTHENE	0.87	J	0.69	1.7	ug/kg	J	J	Z	1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-792-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093172	LL	8270D SIM	6/23/2013	PH056	2.8		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786098	266842.5	-118.70858
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-784-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091438	LL	8270D SIM	6/22/2013	PH055	4.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786410	267030.7	-118.70755
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1120-12-7	ANTHRACENE	1.7	U	0.33	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1129-00-0	PYRENE	1.2	J	0.67	1.7	ug/kg	J	J	Z	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1192-97-2	Benzo(e)pyrene	17	U	3.3	17	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1205-99-2	BENZO(B)FLUORANTHENE	0.84	J	0.67	1.7	ug/kg	J	J	Z	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1206-44-0	FLUORANTHENE	1.3	J	0.67	1.7	ug/kg	J	J	Z	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1208-96-8	ACENAPHTHYLENE	1.7	U	0.33	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-793-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093173	LL	8270D SIM	6/23/2013	PH056	1		1218-01-9	Chrysene	2.3		0.33	1.7	ug/kg				1786148	266847.3	-118.70841
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		150-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7439-98-7	MOLYBDENUM	1.97	U	0.168	1.97	mg/kg	J	U	F, B	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-02-0	NICKEL	13.7		0.109	1.97	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-09-7	POTASSIUM	4110		13.3	98.7	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-23-5	SODIUM	84.6	J	16.5	98.7	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-31-5	TIN	9.87	U	0.217	9.87	mg/kg	J	U	B	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-32-6	TITANIUM METAL POWDER	1230		0.168	0.987	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-36-0	ANTIMONY	0.681	J	0.493	3.95	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-38-2	ARSENIC	4.67		0.326	3.95	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-39-3	BARIUM	124		0.0326	0.987	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-41-7	BERYLLIUM	0.674	J	0.0661	0.987	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-42-8	BORON	8.23	J	0.819	9.87	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-43-9	CADMIUM	0.628	J	0.0326	0.987	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-47-3	CHROMIUM	21.2		0.0868	2.96	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-48-4	COBALT	5.65		0.0888	0.987	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-50-8	COPPER	10.7		0.178	1.97	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-62-2	VANADIUM (FUME OR DUST)	37.9		0.109	0.987	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-66-6	ZINC	63.2		0.197	3.95	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-67-7	ZIRCONIUM	3.57	J	0.819	4.93	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7440-70-2	CALCIUM METAL	2710		3.97	19.7	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6010C	6/11/2013	PH051	0.65		1	7723-14-0	PHOSPHORUS	418		0.503	9.87	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6020A	6/11/2013	PH051	0.65		2	7782-49-2	SELENIUM	0.128	J	0.0987	0.395	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6020A	6/11/2013	PH051	0.65		2	7440-22-4	SILVER	0.0515	J	0.0197	0.197	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6020A	6/11/2013	PH051	0.65		2	7440-24-6	STRONTIUM	28		0.0336	0.395	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	6020A	6/11/2013	PH051	0.65		2	7440-28-0	THALLIUM	0.261		0.0296	0.197	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	7471B	6/11/2013	PH051	0.65		1	7439-97-6	MERCURY	0.0153	J	0.0099	0.0166	mg/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8015M	6/15/2013	PH051	0.65		1	PHCC12C14	EFH (C12-C14)	5	U	2.0	5.0	mg/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8015M	6/15/2013	PH051	0.65		1	PHCC15C20	EFH (C15-C20)	5	U	2.0	5.0	mg/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8015M	6/15/2013	PH051	0.65		1	PHCC21C30	EFH (C21-C30)	11		2.0	5.0	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8015M	6/15/2013	PH051	0.65		1	PHCC30C40	EFH (C30-C40)	28		4.0	10	mg/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8015M	6/15/2013	PH051	0.65		1	PHCC8C11	EFH (C8-C11)	5	U	2.0	5.0	mg/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	160		6.0	18	ug/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	117-84-0	Di-n-octylphthalate	18	U	6.0	18	ug/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	120-12-7	ANTHRACENE	1.7	U	0.33	1.7	ug/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	129-00-0	PYRENE	6.8		0.66	1.7	ug/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	191-24-2	BENZO(G,H,I)PERYLENE	0.88	J	0.66	1.7	ug/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	192-97-2	Benzo(e)pyrene	17	U	3.3	17	ug/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.66	1.7	ug/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	205-99-2	BENZO(B)FLUORANTHENE	2.1		0.66	1.7	ug/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	206-44-0	FLUORANTHENE	2.2		0.66	1.7	ug/kg				1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.66	1.7	ug/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.33	1.7	ug/kg	U			1786817	267228.5	-118.70621
SL-795-SA5A-SB-0.0-0.5	6/13/2013	N	0	0.5	ft	SO	5A DG		7093174	LL	8270D SIM	6/23/2013	PH056	2.6		1	218-01-9	Chrysene	4.2		0.34	1.7	ug/kg				1786135	266779.2	-118.70846
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	50-32-8	BENZO(A)PYRENE	0.87	J	0.66	1.7	ug/kg	J	J	Z	1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086823	LL	8270D SIM	6/19/2013	PH051	0.65		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.66	1.7	ug/kg	U			1786817	267228.5	-118.70621
SL-848-SA5A-SB-0.0-0.5																													

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8082A	6/17/2013	PH054	6		111141-16-5	Aroclor 1232	18	U	4.4	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8082A	6/17/2013	PH054	6		112642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8082A	6/17/2013	PH054	6		112672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8082A	6/17/2013	PH054	6		112674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8082A	6/17/2013	PH054	6		1137324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8082A	6/17/2013	PH054	6		1153469-21-9	Aroclor 1242	18	U	4.4	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8082A	6/17/2013	PH054	6		1163496-31-1	Aroclor 5432	35	U	11	35	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.4	19	ug/kg	J	U	F	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1117-84-0	Di-n-octylphthalate	7.3	J	6.4	19	ug/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1129-00-0	PYRENE	1.2	J	0.71	1.8	ug/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1131-11-3	DIMETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1205-99-2	BENZO(B)FLUORANTHENE	2.3		0.71	1.8	ug/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1206-44-0	FLUORANTHENE	1.3	J	0.71	1.8	ug/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1207-08-9	BENZO(K)FLUORANTHENE	0.81	J	0.71	1.8	ug/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		1218-01-9	Chrysene	1.9		0.35	1.8	ug/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		150-32-8	BENZO(A)PYRENE	1.2	J	0.71	1.8	ug/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		156-55-3	BENZO(A)ANTHRACENE	1.7	J	0.71	1.8	ug/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		183-32-9	ACENAPHTHENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		184-66-2	DIETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		184-74-2	Di-n-butylphthalate	19	U	6.4	19	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		185-01-8	PHENANTHRENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		186-73-7	FLUORENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		191-20-3	NAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8270D SIM	6/22/2013	PH054	6		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	8315A	6/20/2013	PH054	6		150-00-0	FORMALDEHYDE	2100	U	1300	2100	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	9045M	6/12/2013	PH054	6		pH	PH	7.32		0.0100	0.0100	pH unit				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/24/2013	PH054	1.2		17439-92-1	LEAD	7.96		0.501	3.01	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/21/2013	PH054	1.2		17440-50-8	COPPER	9.36	J	0.180	2.00	mg/kg		J	Q	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		11746-01-6	2,3,7,8-TCDD	1.01	U	0.0310	1.01	ng/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.28	J	0.0488	5.04	ng/kg	JB	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		13268-87-9	OCDD	721		0.0535	10.1	ng/kg	B			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	33.4		0.0707	5.04	ng/kg	B			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		139001-02-0	OCDF	10.7		0.0331	10.1	ng/kg	B			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.556	J	0.0465	5.04	ng/kg	JBQ	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.04	U	0.0427	5.04	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.01	U	0.0381	1.01	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	1613B	6/21/2013	PH054	1.2		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.04	U	0.0297	5.04	ng/kg	JBQ	U	B			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8270D SIM	6/22/2013	PH054	0.79		191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8270D SIM	6/22/2013	PH054	0.79		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		111096-82-5	Aroclor 1260	17	U	3.9	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		111097-69-1	Aroclor 1254	45		4.4	17	ug/kg				1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		111100-14-4	Aroclor 1268	17	U	3.3	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		111104-28-2	Aroclor 1221	17	U	5.1	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		111126-42-4	Aroclor 5460	33	U	10	33	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		111141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8082A	6/17/2013	PH054	0.79		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8015M	6/18/2013	PH054	0.79		1PHCC12C14	EFH (C12-C14)	5	U	2.0	5.0	mg/kg	U			1786193	266975.5	-118.70827
SL-788-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089826	LL	8015M	6/18/2013	PH054	0.79		1PHCC15C20	EFH (C15-C20)	5	U	2.0	5.0	mg/kg	U			1786193	266975.5	-118.70827
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.98	U	0.0239	4.98	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		13268-87-9	OCDD	9.96	U	0.0268	9.96	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.98	U	0.0265	4.98	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		139001-02-0	OCDF	9.96	U	0.0347	9.96	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.98	U	0.0218	4.98	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.98	U	0.0427	4.98	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.996	U	0.0301	0.996	ng/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.98	U	0.0194	4.98	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		157117-31-4	2,3,4,7,8-PECDF	4.98	U	0.0214	4.98	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.98	U	0.0219	4.98	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		157117-44-9	1,2,3,6,7,8-HXCDF	4.98	U	0.0146	4.98	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.98	U	0.0234	4.98	ng/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		160851-34-5	2,3,4,6,7,8-HXCDF	4.98	U	0.0135	4.98	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		167562-39-4	1,2,3,4,6,7,8-HPCDF	4.98	U	0.0135	4.98	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		170648-26-9	1,2,3,4,7,8-HXCDF	4.98	U	0.0154	4.98	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		172918-21-9	1,2,3,7,8,9-HXCDF	4.98	U	0.0182	4.98	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	1613B	6/27/2013	PH059	3.1		1TCDD TEQ	TCDD TEQ	0.0209		0	0	ng/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17429-90-5	ALUMINIUM (FUME OR DUST)	11000		7.29	40.5	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17439-89-6	IRON	15500		3.66	40.5	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17439-92-1	LEAD	3.32		0.506	3.04	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17439-93-2	LITHIUM	18.1		0.34	4.0	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17439-95-4	MAGNESIUM	3270		1.69	10.1	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17439-96-5	MANGANESE	139		0.0840	1.01	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17439-98-7	MOLYBDENUM	2.02	U	0.172	2.02	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17440-02-0	NICKEL	6.01		0.132	2.02	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17440-09-7	POTASSIUM	1290		8.44	101	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17440-23-5	SODIUM	123		16.9	101	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	6010C	6/27/2013	PH059	3.1		17440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5																									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	8270D SIM	6/28/2013	PH059	3.1		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-10.5-11.5	6/18/2013	N	10.5	11.5	ft	SO	5A DG		7097890	LL	9045M	6/19/2013	PH059	3.1		1pH	PH	7.43		0.0100	0.0100	pH unit				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	160.3M	6/25/2013	PH059	6.6		1MOIST	MOISTURE	6.6		0.10	0.10	%				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		11746-01-6	2,3,7,8-TCDD	1.06	U	0.0349	1.06	ng/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.31	U	0.0279	5.31	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		13268-87-9	OCDD	21.3		0.0287	10.6	ng/kg	B			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.16	J	0.0468	5.31	ng/kg	JBQ	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		139001-02-0	OCDF	0.421	J	0.0309	10.6	ng/kg	JB	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.31	U	0.0271	5.31	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.31	U	0.0388	5.31	ng/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.06	U	0.0317	1.06	ng/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.31	U	0.0212	5.31	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		157117-31-4	2,3,4,7,8-PECDF	5.31	U	0.0244	5.31	ng/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.31	U	0.0256	5.31	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		157117-44-9	1,2,3,6,7,8-HXCDF	5.31	U	0.0126	5.31	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.31	U	0.0290	5.31	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		160851-34-5	2,3,4,6,7,8-HXCDF	5.31	U	0.0127	5.31	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.203	J	0.0146	5.31	ng/kg	JB	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		170648-26-9	1,2,3,4,7,8-HXCDF	5.31	U	0.0148	5.31	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		172918-21-9	1,2,3,7,8,9-HXCDF	5.31	U	0.0157	5.31	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	1613B	6/27/2013	PH059	6.6		1TCDD TEQ	TCDD TEQ	0.0142		0	0	ng/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		57439-89-6	IRON	29200		19.0	210	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17429-90-5	ALUMINUM (FUME OR DUST)	23700		7.57	42.0	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17439-92-1	LEAD	8.52		0.525	3.15	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17439-93-2	LITHIUM	32.2		0.36	4.2	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17439-95-4	MAGNESIUM	6060		1.75	10.5	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17439-96-5	MANGANESE	378		0.0871	1.05	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17439-98-7	MOLYBDENUM	2.1	U	0.178	2.10	mg/kg	J	U	F, B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17440-02-0	NICKEL	16.1		0.136	2.10	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17440-09-7	POTASSIUM	2180		8.75	105	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-4.0-5.0	6/18/2013	N	4	5	ft	SO	5A DG		7097889	LL	6010C	6/27/2013	PH059	6.6		17440-23-5	SODIUM	121		17.5	105	mg/kg		</				

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		11746-01-6	2,3,7,8-TCDD	1.07	U	0.0305	1.07	ng/kg	U			1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.34	U	0.0234	5.34	ng/kg	JB	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		13268-87-9	OCDD	10.7	U	0.0299	10.7	ng/kg	JB	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.34	U	0.0307	5.34	ng/kg	JB	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		139001-02-0	OCDF	10.7	U	0.0528	10.7	ng/kg	JBQ	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0489	J	0.0233	5.34	ng/kg	JQ	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.105	J	0.0427	5.34	ng/kg	JQ	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.07	U	0.0278	1.07	ng/kg	JBQ	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.34	U	0.0151	5.34	ng/kg	JBQ	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		157117-31-4	2,3,4,7,8-PECDF	5.34	U	0.0195	5.34	ng/kg	JBQ	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.118	J	0.0198	5.34	ng/kg	JBQ	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		157117-44-9	1,2,3,6,7,8-HXCDF	5.34	U	0.0131	5.34	ng/kg	JB	U	B	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0932	J	0.0248	5.34	ng/kg	J	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		160851-34-5	2,3,4,6,7,8-HXCDF	0.0525	J	0.0121	5.34	ng/kg	JQ	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.0695	J	0.00803	5.34	ng/kg	JQ	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		170648-26-9	1,2,3,4,7,8-HXCDF	0.107	J	0.0138	5.34	ng/kg	JB	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		172918-21-9	1,2,3,7,8,9-HXCDF	0.069	J	0.0140	5.34	ng/kg	J	J	Z	1786829	267467.5	-118.70617	
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	1613B	6/29/2013	PH060	6.6		1TCDD TEQ	TCDD TEQ	0.0423		0	0	ng/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17429-90-5	ALUMINUM (FUME OR DUST)	16000		7.49	41.6	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17439-92-1	LEAD	10.2		0.520	3.12	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17439-93-2	LITHIUM	28.6		0.35	4.2	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17439-95-4	MAGNESIUM	6810		1.74	10.4	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17439-96-5	MANGANESE	336	J	0.0863	1.04	mg/kg		J	E		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17439-98-7	MOLYBDENUM	2.08	U	0.177	2.08	mg/kg	J	U	F		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-02-0	NICKEL	31.4		0.135	2.08	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-09-7	POTASSIUM	2220	J	8.67	104	mg/kg		J	Q		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-23-5	SODIUM	145		17.4	104	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-31-5	TIN	10.4	U	0.229	10.4	mg/kg	J	U	B		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-32-6	TITANIUM METAL POWDER	1320		0.177	1.04	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-36-0	ANTIMONY	4.16	UJ	0.769	4.16	mg/kg	U	UJ	Q		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-38-2	ARSENIC	20.8		0.728	4.16	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-39-3	BARIUM	71		0.0343	1.04	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-41-7	BERYLLIUM	0.973	J	0.0696	1.04	mg/kg	J	J	Z		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-42-8	BORON	10.4	U	0.873	10.4	mg/kg	U				1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-43-9	CADMIUM	0.235	J	0.0790	1.04	mg/kg	J	J	Z		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-47-3	CHROMIUM	38.8		0.166	3.12	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-48-4	COBALT	7.46	J	0.103	1.04	mg/kg		J	E		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-50-8	COPPER	20.5	J	0.301	2.08	mg/kg		J	A		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-62-2	VANADIUM (FUME OR DUST)	64.9		0.135	1.04	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-66-6	ZINC	82		0.208	4.16	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-67-7	ZIRCONIUM	4.3	J	0.873	5.20	mg/kg	J	J	Z		1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17440-70-2	CALCIUM METAL	3580		3.47	20.8	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/27/2013	PH060	6.6		17723-14-0	PHOSPHORUS	501		3.00	10.4	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6010C	6/28/2013	PH060	6.6		57439-89-6	IRON	39700		18.8	208	mg/kg					1786829	267467.5	-118.70617
SL-865-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	6020A	6/27/2013																	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-866-SA5A-SB-9.0-10.0	6/19/2013	N	9	10	ft	SO	5A DG		7099664	LL	9045M	6/20/2013	PH060	6.6		1	pH	PH	7.64		0.0100	0.0100	pH unit				1786829	267467.5	-118.70617
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	160.3M	6/25/2013	PH060	2.8		1	MOIST	MOISTURE	2.8		0.10	0.10	%				1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	1613B	6/29/2013	PH060	2.8		1	1746-01-6	2,3,7,8-TCDD	0.0781	J	0.0389	1.03	ng/kg	J	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	1613B	6/29/2013	PH060	2.8		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.971	J	0.0669	5.14	ng/kg	JBQ	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	1613B	6/29/2013	PH060	2.8		1	3268-87-9	OCDD	588		0.0597	10.3	ng/kg	B			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	1613B	6/29/2013	PH060	2.8		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	38.3		0.0947	5.14	ng/kg	B			1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	1613B	6/29/2013	PH060	2.8		1	39001-02-0	OCDF	6.8	J	0.0425	10.3	ng/kg	JB	J	Z	1786877	267461.2	-118.70602
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	1613B	6/29/2013	PH060	2.8		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.497	J	0.0664	5.14	ng/kg	J	J	Z	1786877	267461.2	-118.70602
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	53-70-3	DIBENZO(A,H)ANTHRACENE	17	U	6.9	17	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	56-55-3	BENZO(A)ANTHRACENE	8.5	J	6.9	17	ug/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	17	U	6.9	17	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	83-32-9	ACENAPHTHENE	17	U	6.9	17	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	84-66-2	DIETHYL PHTHALATE	190	U	62	190	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	84-74-2	Di-n-butylphthalate	190	U	62	190	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	85-01-8	PHENANTHRENE	16	J	6.9	17	ug/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	85-68-7	BENZYL BUTYL PHTHALATE	190	U	62	190	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	86-73-7	FLUORENE	17	U	6.9	17	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	90-12-0	1-METHYLNAPHTHALENE	17	U	6.9	17	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	91-20-3	NAPHTHALENE	17	U	6.9	17	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5		10	91-57-6	2-METHYLNAPHTHALENE	17	U	6.9	17	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	9045M	6/6/2013	PH047	3.5		1	pH	PH	6.59		0.0100	0.0100	pH unit				1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	160.3M	6/11/2013	PH047	9.2		1	MOIST	MOISTURE	9.2		0.10	0.10	%				1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	1746-01-6	2,3,7,8-TCDD	1.05	U	0.0152	1.05	ng/kg	JB	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.26	U	0.0180	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	3268-87-9	OCDD	14.2		0.0416	10.5	ng/kg	B			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.2	J	0.0312	5.26	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	39001-02-0	OCDF	1.28	J	0.0219	10.5	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.26	U	0.0165	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.26	U	0.0144	5.26	ng/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.05	U	0.00826	1.05	ng/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.26	U	0.0279	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	57117-31-4	2,3,4,7,8-PECDF	5.26	U	0.00848	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.26	U	0.00837	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	57117-44-9	1,2,3,6,7,8-HXCDF	5.26	U	0.0135	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.26	U	0.0175	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.26	U	0.0131	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.399	J	0.0144	5.26	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.26	U	0.0149	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	72918-21-9	1,2,3,7,8,9-HXCDF	5.26	U	0.0182	5.26	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	1613B	6/17/2013	PH047	9.2		1	TCDD TEQ	TCDD TEQ	0.0378		0	0	ng/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	6010C	6/13/2013	PH047	9.2		1	7439-89-6	IRON	28500		4.19	44.1	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	6010C	6/13/2013	PH047	9.2		1	7440-70-2	CALCIUM METAL	2300		4.43	22.0	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	6010C	6/14/2013	PH047	9.2		5	7440-50-8	COPPER	15.1		0.991	11.0	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	6010C	6/12/2013	PH047	9.2		1	7429-90-5	ALUMINIUM (FUME OR DUST)	21600		8.49	44.1	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5																						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2		111104-28-2	Aroclor 1221	19	U	5.6	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2		111126-42-4	Aroclor 5460	36	U	11	36	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2		111141-16-5	Aroclor 1232	19	U	4.5	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2		112642-23-8	Aroclor 5442	36	U	11	36	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2		112672-29-6	Aroclor 1248	19	U	3.6	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2		112674-11-2	Aroclor 1016	19	U	3.6	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2		137324-23-5	Aroclor 1262	19	U	3.6	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2		153469-21-9	Aroclor 1242	19	U	4.5	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8082A	6/12/2013	PH047	9.2		163496-31-1	Aroclor 5432	36	U	11	36	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.6	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		1117-84-0	Di-n-octylphthalate	20	U	6.6	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		1120-12-7	ANTHRACENE	1.8	U	0.37	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		1129-00-0	PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		1131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		1192-97-2	Benzo(e)pyrene	19	U	3.7	19	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		1206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		1208-96-8	ACENAPHTHYLENE	1.8	U	0.37	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		1218-01-9	Chrysene	1.8	U	0.37	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		150-32-8	BENZO(A)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		183-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		184-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		184-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		185-01-8	PHENANTHRENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		186-73-7	FLUORENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		191-20-3	NAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	8270D SIM	6/14/2013	PH047	9.2		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-4.0-5.0	6/5/2013	N	4	5	ft	SO	5A DG		7083697	LL	9045M	6/6/2013	PH047	9.2		1 pH	PH	7.38		0.0100	0.0100	pH unit				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	160.3M	6/11/2013	PH047	10.6		1 MOIST	MOISTURE	10.6		0.10	0.10	%				1786793	267575.2	-118.7063
SL-861-SA5A-SB-7.0-8.0	6/5/2013	N	7	8	ft	SO	5A DG		7083698	LL	1613B	6/17/2013	PH047	10.6		11746-01-6	2,3,7,8-TCDD	1.1	U	0.0132	1.10	ng/kg	JBQ	U	B	1786793	267575.2	-118.7063
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.94	U	0.0168	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		157117-31-4	2,3,4,7,8-PECDF	4.94	U	0.0273	4.94	ng/kg	U			1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.94	U	0.0281	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		157117-44-9	1,2,3,6,7,8-HXCDF	4.94	U	0.0153	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.94	U	0.0397	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		160851-34-5	2,3,4,6,7,8-HXCDF	4.94	U	0.0139	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	4.94	U	0.0117	4.94	ng/kg	JB	U	B	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		170648-26-9	1,2,3,4,7,8-HXCDF	4.94	U	0.0158	4.94	ng/kg	U					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8015M	6/21/2013	PH057	2.4		1	PHCC21C30	EFH (C21-C30)	5.1		2.0	5.1	mg/kg			1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8015M	6/21/2013	PH057	2.4		1	PHCC30C40	EFH (C30-C40)	14		4.1	10	mg/kg			1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8015M	6/21/2013	PH057	2.4		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	7.3	J	6.0	18	ug/kg	J	J	Z	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	117-84-0	Di-n-octylphthalate	58		6.0	18	ug/kg			1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	129-00-0	PYRENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.0	18	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	205-99-2	BENZO(B)FLUORANTHENE	0.7	J	0.67	1.7	ug/kg	J	J	Z	1786952	267402.2	-118.70577
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	206-44-0	FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-813-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083692	LL	8270D SIM	6/14/2013	PH047	1.4		1	218-01-9	Chrysene	2.3		0.34	1.7	ug/kg			1786380	266947.2	-118.70765	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	83-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	84-66-2	DIETHYL PHTHALATE	18	U	6.0	18	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	84-74-2	Di-n-butylphthalate	18	U	6.0	18	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	85-01-8	PHENANTHRENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.0	18	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	86-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	91-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U		1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	9045M	6/15/2013	PH057	2.4		1	pH	PH	6.08		0.0100	0.0100	pH unit			1786952	267402.2	-118.70577	
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	160.3M	6/25/2013	PH057	1.8		1	MOIST	MOISTURE	1.8		0.10	0.10	%			1786993	267371	-118.70563	
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	1746-01-6	2,3,7,8-TCDD	1.02	U	0.0331	1.02	ng/kg	U		1786993	267371	-118.70563	
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.653	J	0.0603	5.08	ng/kg	JB	J	Z	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	3268-87-9	OCDD	101		0.0543	10.2	ng/kg	B		1786993	267371	-118.70563	
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	7.45		0.0558	5.08	ng/kg	B		1786993	267371	-118.70563	
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	39001-02-0	OCDF	5.52	J	0.0500	10.2	ng/kg	JB	J	Z	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.08	U	0.0571	5.08	ng/kg	U		1786993	267371	-118.70563	
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.08	U	0.0522	5.08	ng/kg	JBQ	U	B	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0372	1.02	ng/kg	JBQ	U	B	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.08	U	0.0370	5.08	ng/kg	JB	U	B	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	57117-31-4	2,3,4,7,8-PECDF	5.08	U	0.0324	5.08	ng/kg	JBQ	U	B	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.08	U	0.0323	5.08	ng/kg	JB	U	B	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	57117-44-9	1,2,3,6,7,8-HXCDF	5.08	U	0.0277	5.08	ng/kg	JB	U	B	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.568	J	0.0603	5.08	ng/kg	JB	J	Z	1786993	267371	-118.70563
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	1613B	6/26/2013	PH057	1.8		1	60851-34-5	2,3,4,6,7,8-HXCDF	0.169	J	0.0280	5.08	ng/kg						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.39	U	0.0591	5.39	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	3268-87-9	OCCD	50.1		0.0838	10.8	ng/kg	B			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	2.81	J	0.0874	5.39	ng/kg	JB	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	39001-02-0	OCDF	10.8	U	0.0878	10.8	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.39	U	0.0587	5.39	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.39	U	0.0566	5.39	ng/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.08	U	0.0586	1.08	ng/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.39	U	0.0589	5.39	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	57117-31-4	2,3,4,7,8-PECDF	5.39	U	0.0311	5.39	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.39	U	0.0314	5.39	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.39	U	0.0379	5.39	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.39	U	0.0604	5.39	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.39	U	0.0377	5.39	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.643	J	0.0423	5.39	ng/kg	JB	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.39	U	0.0382	5.39	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.39	U	0.0441	5.39	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	1613B	11/26/2013	PH129	9.2	1	TCDD TEQ	TCDD TEQ	0.129		0	0	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7429-90-5	ALUMINIUM (FUME OR DUST)	16900	J	7.86	43.6	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7439-89-6	IRON	19200		3.95	43.6	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7439-92-1	LEAD	6.47		0.545	3.27	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7439-93-2	LITHIUM	25.6		0.37	4.4	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7439-95-4	MAGNESIUM	4190		1.82	10.9	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7439-96-5	MANGANESE	266		0.0905	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7439-98-7	MOLYBDENUM	2.18	U	0.185	2.18	mg/kg	J	U	F	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-02-0	NICKEL	9.03		0.142	2.18	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-09-7	POTASSIUM	3070	J	9.09	109	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-23-5	SODIUM	138		18.2	109	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-31-5	TIN	10.9	U	0.240	10.9	mg/kg	J	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-32-6	TITANIUM METAL POWDER	1150		0.185	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-36-0	ANTIMONY	4.36	UJ	0.807	4.36	mg/kg	U	UJ	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-38-2	ARSENIC	4.78		0.763	4.36	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-39-3	BARIUM	89.5		0.0360	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-41-7	BERYLLIUM	0.619	J	0.0731	1.09	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-42-8	BORON	3.21	J	0.916	10.9	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-43-9	CADMIUM	1.09	U	0.0829	1.09	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-47-3	CHROMIUM	15.1		0.174	3.27	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-48-4	COBALT	4.79		0.108	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-50-8	COPPER	7.72		0.316	2.18	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-62-2	VANADIUM (FUME OR DUST)	31.8		0.142	1.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-66-6	ZINC	54.4		0.218	4.36	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-67-7	ZIRCONIUM	3.08	J	0.916	5.45	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7440-70-2	CALCIUM METAL	2360	J	3.64	21.8	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6010C	11/26/2013	PH129	9.2	1	7723-14-0	PHOSPHORUS	325	J	3.15	10.9	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	6020A	11/27/2013	PH129	9.2	2	7440-22-4	SILVER	0.0362	J	0.0284	0.218	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		183-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		184-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		184-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		185-01-8	PHENANTHRENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		186-73-7	FLUORENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		191-20-3	NAPHTHALENE	0.91	J	0.73	1.8	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	8270D SIM	11/26/2013	PH129	9.2		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-17.0-18.0	11/14/2013	N	17	18	ft	SO	5A DG		7279102	LL	9045M	11/15/2013	PH129	9.2		1pH	PH	7.71		0.0100	0.0100	pH unit				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	160.3M	11/19/2013	PH129	11.3		1MOIST	MOISTURE	11.3		0.10	0.10	%				1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		11746-01-6	2,3,7,8-TCDD	1.07	U	0.0725	1.07	ng/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.37	U	0.0649	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		13268-87-9	OCDD	7.7	J	0.0933	10.7	ng/kg	JB	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.02	J	0.0995	5.37	ng/kg	JBQ	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		139001-02-0	OCDF	10.7	U	0.115	10.7	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.37	U	0.0680	5.37	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.37	U	0.0809	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.07	U	0.0675	1.07	ng/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		155673-89-7	1,2,3,4,7,8-9-HPCDF	5.37	U	0.0714	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		157117-31-4	2,3,4,7,8-PECDF	5.37	U	0.0419	5.37	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.37	U	0.0459	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		157117-44-9	1,2,3,6,7,8-HXCDF	5.37	U	0.0449	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.37	U	0.0708	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		160851-34-5	2,3,4,6,7,8-HXCDF	5.37	U	0.0481	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.37	U	0.0410	5.37	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		170648-26-9	1,2,3,4,7,8-HXCDF	5.37	U	0.0508	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		172918-21-9	1,2,3,7,8,9-HXCDF	5.37	U	0.0489	5.37	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-21.0-22.0	11/14/2013	N	21	22	ft	SO	5A DG		7279103	LL	1613B	11/27/2013	PH129	11.3		1TCDD TEQ	TCDD TEQ	0.0369		0	0	ng/kg				1785361	267600.5	-118.71103
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		1NDPA122-39-	N-Nitrosodiphenylamine as diphenylamine	170	U	34	170	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1110-91-8	MORPHOLINE	21	U	21	21	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	J	6.1	18	ug/kg	J	J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1117-84-0	Di-n-octylphthalate	18	UJ	6.1	18	ug/kg	U	UJ	C	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1120-12-7	ANTHRACENE	2.8	J	0.34	1.7	ug/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1129-00-0	PYRENE	21	J	0.68	1.7	ug/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1191-24-2	BENZO(G,H,I)PERYLENE	5.9	J	0.68	1.7	ug/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1192-97-2	Benzo(e)pyrene	8.4	J	3.4	17	ug/kg	J	J	FD, Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1193-39-5	INDENO(1,2,3-CD)PYRENE	5.7	J	0.68	1.7	ug/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1205-99-2	BENZO(B)FLUORANTHENE	16	J	0.68	1.7	ug/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D SIM	12/14/2013	PH134	2.5		1206-44-0	FLUORANTHENE	28	J	0.68	1.7	ug/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO																						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-630B-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273421	LL	8082A	11/24/2013	PH125	0.73		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1785885	267323.3	-118.70929
SL-630B-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273421	LL	8082A	11/24/2013	PH125	0.73		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1785885	267323.3	-118.70929
SL-630B-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273421	LL	8082A	11/24/2013	PH125	0.73		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1785885	267323.3	-118.70929
SL-630B-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273421	LL	8082A	11/24/2013	PH125	0.73		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1785885	267323.3	-118.70929
SL-630B-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273421	LL	8082A	11/24/2013	PH125	0.73		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1785885	267323.3	-118.70929
SL-630B-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273421	LL	8082A	11/24/2013	PH125	0.73		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1785885	267323.3	-118.70929
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	160.3M	11/19/2013	PH125	0.73		1MOIST	MOISTURE	0.73		0.10	0.10	%				1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		111096-82-5	Aroclor 1260	17	U	3.9	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		111097-69-1	Aroclor 1254	17	U	4.4	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		111100-14-4	Aroclor 1268	17	U	3.3	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		111104-28-2	Aroclor 1221	17	U	5.1	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		111126-42-4	Aroclor 5460	33	U	10	33	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		111141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1785875	267317.1	-118.70933
SL-630C-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273420	LL	8082A	11/24/2013	PH125	0.73		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1785875	267317.1	-118.70933
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	160.3M	11/19/2013	PH125	1.1		1MOIST	MOISTURE	1.1		0.10	0.10	%				1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		111096-82-5	Aroclor 1260	17	U	3.9	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		111097-69-1	Aroclor 1254	17	U	4.4	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		111100-14-4	Aroclor 1268	17	U	3.3	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		111104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		111126-42-4	Aroclor 5460	33	U	10	33	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		111141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1785862	267324.5	-118.70937
SL-630D-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273422	LL	8082A	11/24/2013	PH125	1.1		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1785862	267324.5	-118.70937
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	160.3M	11/19/2013	PH125	0.61		1MOIST	MOISTURE	0.61		0.10	0.10	%				1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		11746-01-6	2,3,7,8-TCDD	0.977	U	0.0905	0.977	ng/kg	JBQ	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.291	J	0.0454	4.88	ng/kg	JBQ	J	Z	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		13268-87-9	OCDD	118		0.0331	9.77	ng/kg	B			1785884	267366.2	-118.7093
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-43-9	CADMIUM	1.01	U	0.0335	1.01	mg/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-47-3	CHROMIUM	21.7		0.0893	3.04	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-48-4	COBALT	5.87		0.0913	1.01	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-50-8	COPPER	10.9	J	0.183	2.03	mg/kg		J	A	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-62-2	VANADIUM (FUME OR DUST)	38		0.112	1.01	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-66-6	ZINC	63.1		0.203	4.06	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-67-7	ZIRCONIUM	3.71	J	0.842	5.07	mg/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17440-70-2	CALCIUM METAL	2090		4.08	20.3	mg/kg				1786530	267095.7	-118.70716
SL-826-SA5A-SB-0.0-0.5	6/12/2013	N	0	0.5	ft	SO	5A DG		7091440	LL	6010C	6/17/2013	PH055	2.4		17723-14-0	PHOSPHORUS	410		0.517	10.1	mg/kg				1786530	267095.7	-118.70716
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	1613B	6/20/2013</																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8015M	6/15/2013	PH051	3.7		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8015M	6/15/2013	PH051	3.7		1	PHCC21C30	EFH (C21-C30)	14		2.1	5.2	mg/kg				1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8015M	6/15/2013	PH051	3.7		1	PHCC30C40	EFH (C30-C40)	31		4.2	10	mg/kg				1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8015M	6/15/2013	PH051	3.7		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	117-84-0	Di-n-octylphthalate	120		6.2	19	ug/kg				1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-814-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083693	LL	8270D SIM	6/14/2013	PH047	2.2		1	218-01-9	Chrysene	2.2		0.34	1.7	ug/kg				1786441	266923.3	-118.70745
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	53-70-3	DIBENZO(A,H)ANTHRACENE	0.71	J	0.69	1.7	ug/kg	J	J	Z	1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	83-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	84-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	84-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	85-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	86-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	91-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786868	267219.2	-118.70604
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	9045M	6/8/2013	PH051	3.7		1	pH	PH	6.31		0.0100	0.0100	pH unit				1786868	267219.2	-118.70604
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	160.3M	6/12/2013	PH051	0.58		1	MOIST	MOISTURE	0.58		0.10	0.10	%				1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	1746-01-6	2,3,7,8-TCDD	0.0294	J	0.0214	0.971	ng/kg	JQ	J	Z	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.85	U	0.0152	4.85	mg/kg	JB	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	3268-87-9	OCDD	9.71	U	0.0193	9.71	ng/kg	JB	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.85	U	0.0186	4.85	ng/kg	JBQ	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	39001-02-0	OCDF	9.71	U	0.0190	9.71	ng/kg	JB	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.018	J	0.0158	4.85	ng/kg	JQ	J	Z	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.85	U	0.0251	4.85	mg/kg	JBQ	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0286	J	0.0162	0.971	ng/kg	JQ	J	Z	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	4.85	U	0.00976	4.85	ng/kg	JB	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	57117-31-4	2,3,4,7,8-PECDF	4.85	U	0.0139	4.85	ng/kg	JBQ	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.85	U	0.0149	4.85	ng/kg	JBQ	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	1613B	6/20/2013	PH051	0.58		1	57117-44-9	1,2,3,6,7,8-HXCDF	4.85	U	0.0147	4.85	ng/kg	JB	U	B	1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8015M	6/15/2013	PH051	0.58	1	PHCC12C14	EFH (C12-C14)	5	U	2.0	5.0	mg/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8015M	6/15/2013	PH051	0.58	1	PHCC15C20	EFH (C15-C20)	5	U	2.0	5.0	mg/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8015M	6/15/2013	PH051	0.58	1	PHCC21C30	EFH (C21-C30)	7.5		2.0	5.0	mg/kg				1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8015M	6/15/2013	PH051	0.58	1	PHCC30C40	EFH (C30-C40)	26		4.0	10	mg/kg				1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8015M	6/15/2013	PH051	0.58	1	PHCC8C11	EFH (C8-C11)	5	U	2.0	5.0	mg/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.0	18	ug/kg	U			1786797	267207.1	-118.70628
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58	1	117-84-0	Di-n-octylphthalate	13	J	6.0	18	ug/kg	J	J	Z	1786797	267207.1	-118.70628
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	83-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	85-01-8	PHENANTHRENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	86-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	91-20-3	NAPHTHALENE	1.1	J	0.70	1.7	ug/kg	J	J	Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3	1	91-57-6	2-METHYLNAPHTHALENE	0.77	J	0.70	1.7	ug/kg	J	J	Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	9045M	6/3/2013	PH044	4.3	1	pH	PH	6.61		0.0100	0.0100	pH unit				1786856	266977.2	-118.70607
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7429-90-5	ALUMINUM (FUME OR DUST)	16600		7.73	40.1	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7439-89-6	IRON	21200		3.81	40.1	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7439-93-2	LITHIUM	23.6		0.55	4.0	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7439-95-4	MAGNESIUM	4270		1.73	10.0	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7439-96-5	MANGANESE	317		0.0832	1.00	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7439-98-7	MOLYBDENUM	2	U	0.170	2.00	mg/kg	J	U	F, B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-02-0	NICKEL	11.8		0.110	2.00	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-09-7	POTASSIUM	3480		13.5	100	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-23-5	SODIUM	104		16.7	100	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-31-5	TIN	10	U	0.220	10.0	mg/kg	J	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-32-6	TITANIUM METAL POWDER	1140		0.170	1.00	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-36-0	ANTIMONY	4.01	UJ	0.501	4.01	mg/kg	U	UJ	Q	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-38-2	ARSENIC	3.87	J	0.331	4.01	mg/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-39-3	BARIUM	110		0.0331	1.00	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-41-7	BERYLLIUM	0.606	J	0.0671	1.00	mg/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-42-8	BORON	5.38	J	0.832	10.0	mg/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-43-9	CADMIUM	0.625	J	0.0331	1.00	mg/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-47-3	CHROMIUM	19.4	J	0.0882	3.01	mg/kg		J	Q, E	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-48-4	COBALT	5.46		0.0902	1.00	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-62-2	VANADIUM (FUME OR DUST)	35.1		0.110	1.00	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-66-6	ZINC	56.1		0.200	4.01	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-67-7	ZIRCONIUM	2.07	J	0.832	5.01	mg/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7440-70-2	CALCIUM METAL	2460		4.03	20.0	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6010C	6/19/2013	PH054	1.2	1	7723-14-0	PHOSPHORUS	461	J	0.511	10.0	mg/kg		J	Q	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6020A	6/21/2013	PH054	1.2	2	7782-49-2	SELENIUM	0.168	J	0.100	0.401	mg/kg	J	J	Q, Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6020A	6/21/2013	PH054	1.2	2	7440-22-4	SILVER	0.2	UJ	0.0200	0.200	mg/kg	J	UJ	F, Q	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	160.3M	6/13/2013	PH054	6	1	MOIST	MOISTURE	6		0.10	0.10	%				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6020A	6/21/2013	PH054	1.2	2	7440-24-6	STRONTIUM	37	J	0.0341	0.401	mg/kg		J	Q	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	6020A	6/21/2013	PH054	1.2	2	7440-28-0	THALLIUM	0.436	J	0.0301	0.200	mg/kg		J	Q	1786209	266	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		185-01-8	PHENANTHRENE	3.3		0.67	1.7	ug/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		185-68-7	BENZYL BUTYL PHTHALATE	6.5	J	6.1	18	ug/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		186-73-7	FLUORENE	1.7	U	0.67	1.7	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8270D SIM	6/22/2013	PH054	1.2		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	8315A	6/20/2013	PH054	1.2		150-00-0	FORMALDEHYDE	2000	U	1200	2000	ug/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089820	LL	9045M	6/12/2013	PH054	1.2		pH	PH	6.55		0.0100	0.0100	pH unit				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		11746-01-6	2,3,7,8-TCDD	1.02	U	0.0412	1.02	ng/kg	JBQ	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.1	U	0.0301	5.10	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		13268-87-9	OCDD	39.7		0.0355	10.2	ng/kg	B			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.9	J	0.0450	5.10	ng/kg	JB	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		139001-02-0	OCDF	10.2	U	0.0343	10.2	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.1	U	0.0261	5.10	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.1	U	0.0480	5.10	ng/kg	JBQ	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0398	1.02	ng/kg	U			1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.1	U	0.0181	5.10	ng/kg	JBQ	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		157117-31-4	2,3,4,7,8-PECDF	5.1	U	0.0252	5.10	ng/kg	JBQ	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.1	U	0.0253	5.10	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		157117-44-9	1,2,3,6,7,8-HXCDF	5.1	U	0.0189	5.10	ng/kg	JBQ	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.1	U	0.0304	5.10	ng/kg	JBQ	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		160851-34-5	2,3,4,6,7,8-HXCDF	5.1	U	0.0165	5.10	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.1	U	0.0114	5.10	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		170648-26-9	1,2,3,4,7,8-HXCDF	5.1	U	0.0195	5.10	ng/kg	JBQ	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		172918-21-9	1,2,3,7,8,9-HXCDF	5.1	U	0.0201	5.10	ng/kg	JB	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	1613B	6/21/2013	PH054	6		17TCDD TEQ	TCDD TEQ	0.0781		0	0	ng/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/21/2013	PH054	6		17440-50-8	COPPER	6.45	J	0.188	2.09	mg/kg		J	Q	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/24/2013	PH054	6		17439-92-1	LEAD	6.24		0.521	3.13	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17429-90-5	ALUMINUM (FUME OR DUST)	18900		8.04	41.7	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17439-89-6	IRON	23300		3.96	41.7	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17439-93-2	LITHIUM	23.6		0.57	4.2	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17439-95-4	MAGNESIUM	4450		1.80	10.4	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17439-96-5	MANGANESE	178		0.0866	1.04	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17439-98-7	MOLYBDENUM	2.09	U	0.177	2.09	mg/kg	J	U	F, B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17440-02-0	NICKEL	9.35		0.115	2.09	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17440-09-7	POTASSIUM	1570		14.1	104	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17440-23-5	SODIUM	503		17.4	104	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17440-31-5	TIN	10.4	U	0.229	10.4	mg/kg	J	U	B	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17440-32-6	TITANIUM METAL POWDER	1170		0.177	1.04	mg/kg				1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17440-36-0	ANTIMONY	4.17	UJ	0.521	4.17	mg/kg	U	UJ	Q	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/19/2013	PH054	6		17440-38-2	ARSENIC	3.7	J	0.344	4.17	mg/kg	J	J	Z	1786209	266939.2	-118.70821
SL-789-SA5A-SB-5.0-6.0	6/11/2013	N	5	6	ft	SO	5A DG		7089821	LL	6010C	6/1																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.211	J	0.0471	1.02	ng/kg	JB	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.1	U	0.0439	5.10	ng/kg	JBQ	J	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		157117-31-4	2,3,4,7,8-PECDF	5.1	U	0.0283	5.10	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.424	J	0.0299	5.10	ng/kg	JB	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		157117-44-9	1,2,3,6,7,8-HXCDF	5.1	U	0.0235	5.10	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.541	J	0.0582	5.10	ng/kg	JB	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		160851-34-5	2,3,4,6,7,8-HXCDF	5.1	U	0.0233	5.10	ng/kg	JBQ	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	1.13	J	0.0332	5.10	ng/kg	JB	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		170648-26-9	1,2,3,4,7,8-HXCDF	5.1	U	0.0259	5.10	ng/kg	JB	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		172918-21-9	1,2,3,7,8,9-HXCDF	0.26	J	0.0281	5.10	ng/kg	JB	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	1613B	6/27/2013	PH059	2.7		1TCDD TEQ	TCDD TEQ	0.295		0	0	ng/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17429-90-5	ALUMINUM (FUME OR DUST)	16600		7.19	39.9	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17439-89-6	IRON	21700		3.61	39.9	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17439-92-1	LEAD	8.28		0.499	2.99	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17439-93-2	LITHIUM	23		0.34	4.0	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17439-95-4	MAGNESIUM	4380		1.67	9.98	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17439-96-5	MANGANESE	401		0.0828	0.998	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17439-98-7	MOLYBDENUM	2	U	0.170	2.00	mg/kg	J	U	F, B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-02-0	NICKEL	15.5		0.130	2.00	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-09-7	POTASSIUM	4200		8.32	99.8	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-23-5	SODIUM	81.2	J	16.7	99.8	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-31-5	TIN	9.98	U	0.220	9.98	mg/kg	J	U	B	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-32-6	TITANIUM METAL POWDER	1310		0.170	0.998	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-36-0	ANTIMONY	3.99	U	0.738	3.99	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-38-2	ARSENIC	2.91	J	0.698	3.99	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-39-3	BARIUM	126		0.0329	0.998	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-41-7	BERYLLIUM	0.624	J	0.0669	0.998	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-42-8	BORON	5.63	J	0.838	9.98	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-43-9	CADMIUM	0.998	U	0.0758	0.998	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-47-3	CHROMIUM	23.6		0.160	2.99	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-48-4	COBALT	6.19		0.0988	0.998	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-50-8	COPPER	12		0.289	2.00	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-62-2	VANADIUM (FUME OR DUST)	39.4		0.130	0.998	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-66-6	ZINC	59.4		0.200	3.99	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-67-7	ZIRCONIUM	4.99	U	0.838	4.99	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17440-70-2	CALCIUM METAL	2660		3.33	20.0	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6010C	6/27/2013	PH059	2.7		17723-14-0	PHOSPHORUS	437		2.88	9.98	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6020A	6/27/2013	PH059	2.7		27782-49-2	SELENIUM	0.175	J	0.0998	0.399	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		1TCDD TEQ	TCDD TEQ	3.75		0	0	ng/kg				1786829	267467.5	-118.70617
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6020A	6/27/2013	PH059	2.7		27440-22-4	SILVER	0.0661	J	0.0259	0.200	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6020A	6/27/2013	PH059	2.7		27440-24-6	STRONTIUM	26.9		0.0519	0.399	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	6020A	6/27/2013	PH059	2.7		27440-28-0	THALLIUM	0.352		0.0299	0.200	mg/kg				1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	7471B	6/25/2013	PH059	2.7		17439-97-6	MERCURY	0.0102	J	0.0099	0.0165	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	8015M	6/25/2013	PH059	2.7		2PHCC12C14	EFH (C12-C14)	10	U	4.1	10	mg/kg	U			1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	8015M	6/25/2013	PH059	2.7		2PHCC15C20	EFH (C15-C20)	5.2	J	4.1	10	mg/kg	J	J	Z	1786724	267467.5	-118.70652
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	8015M	6																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17439-95-4	MAGNESIUM	4300		1.67	10.0	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17439-96-5	MANGANESE	294	J	0.0830	1.00	mg/kg		J	E	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17439-98-7	MOLYBDENUM	2	U	0.170	2.00	mg/kg	J	U	F, B	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-02-0	NICKEL	13.5		0.130	2.00	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-09-7	POTASSIUM	3300	J	8.34	100	mg/kg		J	Q	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-23-5	SODIUM	113		16.7	100	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-31-5	TIN	10	U	0.220	10.0	mg/kg	J	U	B	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-32-6	TITANIUM METAL POWDER	1230		0.170	1.00	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-36-0	ANTIMONY	4	UJ	0.740	4.00	mg/kg	U	UJ	Q	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-38-2	ARSENIC	4.74		0.700	4.00	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-39-3	BARIUM	105		0.0330	1.00	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-41-7	BERYLLIUM	0.679	J	0.0670	1.00	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-42-8	BORON	10	U	0.840	10.0	mg/kg	J	U	B	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-43-9	CADMIUM	0.188	J	0.0760	1.00	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-47-3	CHROMIUM	21.6		0.160	3.00	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-48-4	COBALT	5.6	J	0.0990	1.00	mg/kg		J	E	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-50-8	COPPER	8.13	J	0.290	2.00	mg/kg		J	A	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-62-2	VANADIUM (FUME OR DUST)	41.1		0.130	1.00	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-66-6	ZINC	54.2		0.200	4.00	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-67-7	ZIRCONIUM	3.89	J	0.840	5.00	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17440-70-2	CALCIUM METAL	2510		3.34	20.0	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6010C	6/27/2013	PH060	2		17723-14-0	PHOSPHORUS	328		2.89	10.0	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6020A	6/27/2013	PH060	2		17440-22-4	SILVER	0.0803	J	0.0260	0.200	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6020A	6/27/2013	PH060	2		17440-24-6	STRONTIUM	39.7	J	0.0520	0.400	mg/kg		J	Q	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6020A	6/27/2013	PH060	2		17440-28-0	THALLIUM	0.418		0.0300	0.200	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	6020A	6/27/2013	PH060	2		17782-49-2	SELENIUM	0.263	J	0.100	0.400	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	7471B	6/28/2013	PH060	2		17439-97-6	MERCURY	0.0169	U	0.0102	0.0169	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8015M	6/25/2013	PH060	2		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8015M	6/25/2013	PH060	2		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8015M	6/25/2013	PH060	2		1PHCC21C30	EFH (C21-C30)	4.6	J	2.0	5.1	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8015M	6/25/2013	PH060	2		1PHCC30C40	EFH (C30-C40)	9.9	J	4.1	10	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8015M	6/25/2013	PH060	2		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	180	U	61	180	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10117-84-0	Di-n-octylphthalate	160	J	61	180	ug/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10120-12-7	ANTHRACENE	17	U	3.4	17	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10129-00-0	PYRENE	47		6.8	17	ug/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10131-11-3	DIMETHYL PHTHALATE	180	U	61	180	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10191-24-2	BENZO(G,H,I)PERYLENE	17	U	6.8	17	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10192-97-2	Benzo(e)pyrene	170	U	34	170	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	6.8	17	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10205-99-2	BENZO(B)FLUORANTHENE	20		6.8	17	ug/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10206-44-0	FLUORANTHENE	66		6.8	17	ug/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10207-08-9	BENZO(K)FLUORANTHENE	17	U	6.8	17	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		10208-96-8	ACENAPHTHYLENE	17	U	3.4	17	ug/kg	U			1786829	267467.5	-118.70617
SL-822-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096480	LL	8270D SIM	6/28/2013	PH058	1.8		1218-01-9	Chrysene	2.7		0.34	1.7	ug/kg				1786508	267378.7	-118.70723
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2		1050-32-8	BENZO(A)PYRENE	17	U	6.8	17	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG																					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17439-93-2	LITHIUM	21.5		0.35	4.1	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17439-95-4	MAGNESIUM	4430		1.72	10.3	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17439-96-5	MANGANESE	352	J	0.0853	1.03	mg/kg	J	E		1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17439-98-7	MOLYBDENUM	2.06	U	0.175	2.06	mg/kg	J	U	F, B	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-02-0	NICKEL	14.5		0.134	2.06	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-09-7	POTASSIUM	3730	J	8.57	103	mg/kg		J	Q	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-23-5	SODIUM	94	J	17.2	103	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-31-5	TIN	10.3	U	0.226	10.3	mg/kg	J	U	B	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-32-6	TITANIUM METAL POWDER	1190		0.175	1.03	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-36-0	ANTIMONY	4.11	UJ	0.761	4.11	mg/kg	U	UJ	Q	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-38-2	ARSENIC	5.02		0.720	4.11	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-39-3	BARIUM	113		0.0339	1.03	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-41-7	BERYLLIUM	0.646	J	0.0689	1.03	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-42-8	BORON	10.3	U	0.864	10.3	mg/kg	J	U	B	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-43-9	CADMIUM	0.228	J	0.0781	1.03	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-47-3	CHROMIUM	22.3		0.165	3.08	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-48-4	COBALT	5.75	J	0.102	1.03	mg/kg		J	E	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-50-8	COPPER	9.88	J	0.298	2.06	mg/kg	J	J	A	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-62-2	VANADIUM (FUME OR DUST)	39.4		0.134	1.03	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-66-6	ZINC	58.1		0.206	4.11	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-67-7	ZIRCONIUM	3.03	J	0.864	5.14	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17440-70-2	CALCIUM METAL	2390		3.43	20.6	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6010C	6/27/2013	PH060	3.7		17723-14-0	PHOSPHORUS	396		2.97	10.3	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6020A	6/27/2013	PH060	3.7		27440-22-4	SILVER	0.0888	J	0.0267	0.206	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6020A	6/27/2013	PH060	3.7		27440-24-6	STRONTIUM	40.8	J	0.0535	0.411	mg/kg		J	Q	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6020A	6/27/2013	PH060	3.7		27440-28-0	THALLIUM	0.469		0.0308	0.206	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	6020A	6/27/2013	PH060	3.7		27782-49-2	SELENIUM	0.244	J	0.103	0.411	mg/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	7471B	6/28/2013	PH060	3.7		17439-97-6	MERCURY	0.0166	U	0.0099	0.0166	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8015M	6/25/2013	PH060	3.7		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8015M	6/25/2013	PH060	3.7		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8015M	6/25/2013	PH060	3.7		1PHCC21C30	EFH (C21-C30)	6		2.1	5.2	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8015M	6/25/2013	PH060	3.7		1PHCC30C40	EFH (C30-C40)	14		4.2	10	mg/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8015M	6/25/2013	PH060	3.7		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8015M	6/22/2013	PH060	3.7	26.65	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8270D SIM	6/29/2013	PH060	3.7		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8270D SIM	6/29/2013	PH060	3.7		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8270D SIM	6/29/2013	PH060	3.7		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8270D SIM	6/29/2013	PH060	3.7		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8270D SIM	6/29/2013	PH060	3.7		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8270D SIM	6/29/2013	PH060	3.7		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786829	267467.5	-118.70617
SL-865-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099663	LL	8270D SIM	6/29/2013	PH060	3.7		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786829	267467.5	-118.70617
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	9045M	6/24/2013	PH061	2.9		1pH	PH	6.65		0.0100	0.0100	pH unit				1786945	267465.9	-118.70579
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG																					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	8270D SIM	6/14/2013	PH047	4.8	10	91-57-6	2-METHYLNAPHTHALENE	18	U	7.0	18	ug/kg	U			1786627	267523.3	-118.70685
SL-858-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083695	LL	9045M	6/6/2013	PH047	4.8	1	pH	PH	7.24		0.0100	0.0100	pH unit				1786627	267523.3	-118.70685
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	160.3M	6/11/2013	PH047	3.5	1	MOIST	MOISTURE	3.5		0.10	0.10	%				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	1746-01-6	2,3,7,8-TCDD	0.324	J	0.0319	1.02	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	7.39		0.0375	5.08	ng/kg	B			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	3268-87-9	OCDD	3740		0.0726	10.2	ng/kg	B			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	198		0.0955	5.08	ng/kg	B			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	39001-02-0	OCDF	49.3		0.0209	10.2	ng/kg	B			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	3.54	J	0.0361	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	2.04	J	0.0517	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.584	J	0.0519	1.02	ng/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	1.02	J	0.0409	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	57117-31-4	2,3,4,7,8-PECDF	0.68	J	0.0291	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	1.23	J	0.0312	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.835	J	0.0266	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	7.31		0.0376	5.08	ng/kg	B			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	60851-34-5	2,3,4,6,7,8-HXCDF	1.04	J	0.0240	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	16.2		0.0336	5.08	ng/kg	B			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	70648-26-9	1,2,3,4,7,8-HXCDF	1.25	J	0.0257	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.537	J	0.0287	5.08	ng/kg	JB	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	1613B	6/17/2013	PH047	3.5	1	TCDD TEQ	TCDD TEQ	8.14		0	0	ng/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/13/2013	PH047	3.5	5	7440-50-8	COPPER	10.3	U	0.923	10.3	mg/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7429-90-5	ALUMINUM (FUME OR DUST)	16100		7.91	41.0	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7439-89-6	IRON	23800		3.90	41.0	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7439-92-1	LEAD	69.6		0.482	3.08	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7439-93-2	LITHIUM	23		0.56	4.1	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7439-95-4	MAGNESIUM	4840		1.77	10.3	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7439-96-5	MANGANESE	320		0.0852	1.03	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7439-98-7	MOLYBDENUM	2.05	U	0.174	2.05	mg/kg	J	U	F, B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-02-0	NICKEL	13		0.113	2.05	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-09-7	POTASSIUM	3460		13.9	103	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-23-5	SODIUM	85.7	J	17.1	103	mg/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-31-5	TIN	10.3	U	0.226	10.3	mg/kg	J	U	B	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-32-6	TITANIUM METAL POWDER	1230		0.174	1.03	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-36-0	ANTIMONY	4.1	U	0.513	4.10	mg/kg	U			1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-38-2	ARSENIC	4.71		0.339	4.10	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-39-3	BARIUM	101		0.0339	1.03	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-41-7	BERYLLIUM	0.606	J	0.0687	1.03	mg/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-42-8	BORON	3.52	J	0.852	10.3	mg/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-43-9	CADMIUM	0.568	J	0.0339	1.03	mg/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-47-3	CHROMIUM	34.2		0.0903	3.08	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-48-4	COBALT	6.17		0.0923	1.03	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-62-2	VANADIUM (FUME OR DUST)	41.9		0.113	1.03	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-66-6	ZINC	108		0.205	4.10	mg/kg				1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	6010C	6/12/2013	PH047	3.5	1	7440-67-7	ZIRCONIUM	0.941	J	0.852	5.13	mg/kg	J	J	Z	1786793	267575.2	-118.7063
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-824-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096481	LL	8270D SIM	6/28/2013	PH058	1.7		1218-01-9	Chrysene	2.3		0.34	1.7	ug/kg				1786618	267304	-118.70687
SL-861-SA5A-SB-0.0-0.5	6/5/2013	N	0	0.5	ft	SO	5A DG		7083696	LL	8270D SIM	6/14/2013	PH047	3.5	10	50-32-8	BENZO(A)PYRENE	7.6	J	6.9	17	ug/kg	J	J	Z	1786793	267575.2	-118.7063
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	218-01-9	Chrysene	1.8	U	0.35	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	50-32-8	BENZO(A)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	83-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	85-01-8	PHENANTHRENE	0.84	J	0.70	1.8	ug/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	86-73-7	FLUORENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	91-20-3	NAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7	1	91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	9045M	6/7/2013	PH050	5.7	1	pH	PH	6.29		0.0100	0.0100	pH unit				1787194	267554.5	-118.70497
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	160.3M	6/11/2013	PH050	9.7	1	MOIST	MOISTURE	9.7		0.10	0.10	%				1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	1746-01-6	2,3,7,8-TCDD	1.09	U	0.0342	1.09	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.508	J	0.0282	5.43	ng/kg	JB	J	Z	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	3268-87-9	OCDD	5.94	J	0.0310	10.9	ng/kg	JB	J	Z	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.43	U	0.0265	5.43	ng/kg	JB	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	39001-02-0	OCDF	10.9	U	0.0329	10.9	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.43	U	0.0282	5.43	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.43	U	0.0427	5.43	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.09	U	0.0275	1.09	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.43	U	0.0156	5.43	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	57117-31-4	2,3,4,7,8-PECDF	5.43	U	0.0227	5.43	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.43	U	0.0226	5.43	ng/kg	U			1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.43	U	0.0117	5.43	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.43	U	0.0295	5.43	ng/kg	JB	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.43	U	0.0126	5.43	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.43	U	0.00941	5.43	ng/kg	JB	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.43	U	0.0130	5.43	ng/kg	JBQ	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.43	U	0.0159	5.43	ng/kg	JB	U	B	1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	1613B	6/20/2013	PH050	9.7	1	TCDD TEQ	TCDD TEQ	0.0984		0	0	ng/kg				1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	6010C	6/17/2013	PH050	9.7	1	7429-90-5	ALUMINIUM (FUME OR DUST)	25900		8.45	43.9	mg/kg				1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	6010C	6/17/2013	PH050	9.7	1	7439-89-6	IRON	23300		4.17	43.9	mg/kg				1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	6010C	6/17/2013	PH050	9.7	1	7439-92-1	LEAD	6.31		0.515	3.29	mg/kg				1787081	267711.2	-118.70535
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	6010C	6/17/2013	PH050	9.7	1	7439-93-2	LITHI											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1192-97-2	Benzo(e)pyrene	19	U	3.6	19	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-825-SA5A-SB-0.0-0.5	6/17/2013	N	0	0.5	ft	SO	5A DG		7096479	LL	8270D SIM	6/28/2013	PH058	0.91		1218-01-9	Chrysene	1.7		0.33	1.7	ug/kg				1786571	267216.5	-118.70702	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		150-32-8	BENZO(A)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		183-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		184-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		184-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		185-01-8	PHENANTHRENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		186-73-7	FLUORENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		191-20-3	NAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	8270D SIM	6/18/2013	PH050	9.7		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U			1787081	267711.2	-118.70535	
SL-873-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085563	LL	9045M	6/7/2013	PH050	9.7		1pH	PH	6.23		0.0100	0.0100	pH unit				1787081	267711.2	-118.70535	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	160.3M	6/25/2013	PH057	2.4		1MOIST	MOISTURE	2.4		0.10	0.10	%				1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		11746-01-6	2,3,7,8-TCDD	0.989	U	0.0328	0.989	ng/kg	U			1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.94	U	0.0364	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		13268-87-9	OCDD	4.42	J	0.0472	9.89	ng/kg	JB	J	Z	1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.94	U	0.0379	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		139001-02-0	OCDF	9.89	U	0.0445	9.89	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.94	U	0.0379	4.94	ng/kg	JB	U	B	1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.94	U	0.0464	4.94	ng/kg	JBQ	U	B	1786952	267402.2	-118.70577	
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	1613B	6/26/2013	PH057	2.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.989	U	0.0288	0.989	ng/kg	U			1786952	267402.2	-118.70577	
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		11746-01-6	2,3,7,8-TCDD	1.16	J	0.0626	1.01	ng/kg	Q	J	FD		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	1.78	J	0.0422	5.05	ng/kg	JB	J	FD, Z		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		13268-87-9	OCDD	1140	J	0.0711	10.1	ng/kg	B	J	FD		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	80.9	J	0.0820	5.05	ng/kg	B	J	FD		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		139001-02-0	OCDF	44.9	J	0.0491	10.1	ng/kg	B	J	FD		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.859	J	0.0455	5.05	ng/kg	JB	J	FD, Z		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.602	J	0.0576	5.05	ng/kg	JBQ	J	FD, Z		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.462	J	0.0962	1.01	ng/kg	J	J	FD, Z		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	2.53	J	0.0312	5.05	ng/kg	JB	J	FD, Z		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		157117-31-4	1,2,3,4,7,8-PECDF	0.92	J	0.0450	5.05	ng/kg	JB	J	FD, Z		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7/2013	PH132	1.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	1.94	J	0.0468	5.05	ng/kg	JB	J	FD, Z		1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	1613B	12/7																	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-32-6	TITANIUM METAL POWDER	1090		0.178	1.05	mg/kg			1785361	267600.5	-118.71103	
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-36-0	ANTIMONY	4.18	UJ	0.774	4.18	mg/kg	U	UJ	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-38-2	ARSENIC	4.23		0.732	4.18	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-39-3	BARIUM	78.7		0.0345	1.05	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-41-7	BERYLLIUM	0.502	J	0.0701	1.05	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-42-8	BORON	2.33	J	0.879	10.5	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-43-9	CADMIUM	1.05	U	0.0795	1.05	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-47-3	CHROMIUM	15.4		0.167	3.14	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-48-4	COBALT	4.75		0.104	1.05	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-50-8	COPPER	7.79		0.303	2.09	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-62-2	VANADIUM (FUME OR DUST)	30.8		0.136	1.05	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-66-6	ZINC	62.2		0.209	4.18	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-67-7	ZIRCONIUM	2.83	J	0.879	5.23	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7440-70-2	CALCIUM METAL	2640	J	3.49	20.9	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6010C	11/26/2013	PH129	7.2		1	7723-14-0	PHOSPHORUS	349	J	3.02	10.5	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6020A	11/27/2013	PH129	7.2		2	7440-22-4	SILVER	0.0318	J	0.0272	0.209	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6020A	11/27/2013	PH129	7.2		2	7440-24-6	STRONTIUM	13		0.0711	0.418	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6020A	11/27/2013	PH129	7.2		2	7440-28-0	THALLIUM	0.252		0.0314	0.209	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	6020A	11/27/2013	PH129	7.2		2	7782-49-2	SELENIUM	0.131	J	0.105	0.418	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	7471B	11/26/2013	PH129	7.2		1	7439-97-6	MERCURY	0.0148	J	0.0105	0.0174	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8015M	11/23/2013	PH129	7.2		5	PHCC12C14	EFH (C12-C14)	27	U	11	27	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8015M	11/23/2013	PH129	7.2		5	PHCC15C20	EFH (C15-C20)	27	U	11	27	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8015M	11/23/2013	PH129	7.2		5	PHCC21C30	EFH (C21-C30)	110		11	27	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8015M	11/23/2013	PH129	7.2		5	PHCC30C40	EFH (C30-C40)	240		22	54	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8015M	11/23/2013	PH129	7.2		5	PHCC8C11	EFH (C8-C11)	27	U	11	27	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	11096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	11097-69-1	Aroclor 1254	18	U	4.7	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	11100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	11104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	11126-42-4	Aroclor 5460	35	U	11	35	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	11141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	12642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	12672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	12674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	37324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	53469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8082A	11/26/2013	PH129	7.2		1	63496-31-1	Aroclor 5432	35	U	11	35	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	190	UJ	64	190	ug/kg	U	UJ	L	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	117-84-0	Di-n-octylphtalate	190	UJ	64	190	ug/kg	U	UJ	L	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	120-12-7	ANTHRACENE	18	U	3.6	18	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	129-00-0	PYRENE	13	J	7.1	18	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	131-11-3	DIMETHYL PHTHALATE	190	U	64	190	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	191-24-2	BENZO(G,H,I)PERYLENE	15	J	7.1	18	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	192-97-2	Benzo(e)pyrene	180	UJ	36	180	ug/kg	U	UJ	L	1785361	267600.5	-118.71103
SL-508-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279099	LL	8270D SIM	12/4/2013	PH129	7.2		10	193-39-5	INDENO(1,2,3-CD)PYRENE	18	U									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-23-5	SODIUM	96.4	J	16.8	101	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-31-5	TIN	10.1	U	0.221	10.1	mg/kg	J	U	B	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-32-6	TITANIUM METAL POWDER	1070		0.171	1.01	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-36-0	ANTIMONY	4.02	UJ	0.744	4.02	mg/kg	U	UJ	Q	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-38-2	ARSENIC	3.56	J	0.704	4.02	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-39-3	BARIUM	80.6		0.0332	1.01	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-41-7	BERYLLIUM	0.661	J	0.0674	1.01	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-42-8	BORON	10.1	UJ	0.845	10.1	mg/kg	U	UJ	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-43-9	CADMIUM	1.01	U	0.0764	1.01	mg/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-47-3	CHROMIUM	36.5		0.161	3.02	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-48-4	COBALT	4.03		0.0995	1.01	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-50-8	COPPER	18.1		0.292	2.01	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-62-2	VANADIUM (FUME OR DUST)	32		0.131	1.01	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-66-6	ZINC	132	J	0.201	4.02	mg/kg		J	Q	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-67-7	ZIRCONIUM	2.73	J	0.845	5.03	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7440-70-2	CALCIUM METAL	2390		3.36	20.1	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6010C	12/10/2013	PH134	2.5		1	7723-14-0	PHOSPHORUS	278		2.91	10.1	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6020A	12/10/2013	PH134	2.5		2	7782-49-2	SELENIUM	0.208	J	0.101	0.402	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6020A	12/10/2013	PH134	2.5		2	7440-22-4	SILVER	3.03	J	0.0261	0.201	mg/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6020A	12/10/2013	PH134	2.5		2	7440-24-6	STRONTIUM	17.2		0.0684	0.402	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	6020A	12/10/2013	PH134	2.5		2	7440-28-0	THALLIUM	0.241		0.0302	0.201	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	7199	12/12/2013	PH134	2.5		1	18540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	3.1	J	0.14	0.40	mg/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	7471B	12/10/2013	PH134	2.5		1	7439-97-6	MERCURY	0.0276		0.0096	0.0160	mg/kg				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8015M	12/7/2013	PH134	2.5		5	PHCC12C14	EFH (C12-C14)	26	U	10	26	mg/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8015M	12/7/2013	PH134	2.5		5	PHCC15C20	EFH (C15-C20)	26	U	10	26	mg/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8015M	12/7/2013	PH134	2.5		5	PHCC21C30	EFH (C21-C30)	32	J	10	26	mg/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8015M	12/7/2013	PH134	2.5		5	PHCC30C40	EFH (C30-C40)	180	J	20	51	mg/kg		J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8015M	12/7/2013	PH134	2.5		5	PHCC8C11	EFH (C8-C11)	26	U	10	26	mg/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	11096-42-8	Aroclor 1260	17	U	4.0	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8082A	12/9/2013	PH134	2.5		1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		1	100-01-6	P-NITROANILINE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		1	100-02-7	4-NITROPHENOL	510	U	170	510	ug/kg	U			1786218	267870	-118.7082

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		162-53-3	ANILINE	340	U	170	340	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	170	U	68	170	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		1621-64-7	N-NITROSO-DI-N-PROPYLAMINE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		165-85-0	BENZOIC ACID	510	U	170	510	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		167-72-1	HEXACHLOROETHANE	170	U	34	170	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		17005-72-3	4-CHLOROPHENYL PHENYL ETHER	34	U	17	34	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		177-47-4	HEXACHLOROCYCLOPENTADIENE	510	U	170	510	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		178-59-1	3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		183-32-9	ACENAPHTHENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		184-66-2	DIETHYL PHTHALATE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		184-74-2	Di-n-butylphthalate	170	U	68	170	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		185-01-8	PHENANTHRENE	7	J	3	17	ug/kg	J	J	FD, Z	1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		185-68-7	BENZYL BUTYL PHTHALATE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		186-30-6	N-NITROSODIPHENYLAMINE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		186-73-7	FLUORENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		186-74-8	CARBAZOLE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082	
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		187-65-0	2,6-DICHLOROPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082	
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	1613B	6/22/2013	PH055	8.3		1TCDD TEQ		0.254		0	0	ng/kg				1786530	267095.7	-118.70716	
SL-826-SA5A-SB-4.0-5.0	6/12/2013	N	4	5	ft	SO	5A DG		7091441	LL	160.3M	6/18/2013	PH055	8.3		1MOIST	MOISTURE			0.10	0.10	%				1786530	267095.7	-118.70716	
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	9045M	6/13/2013	PH055	7.2		1pH	PH			0.0100	0.0100	pH unit				1786530	267095.7	-118.70716	
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE		7.5	J	6.4	19	ug/kg	J	J	Z	1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1117-84-0	Di-n-octylphthalate		19	U	6.4	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1120-12-7	ANTHRACENE		1.8	U	0.36	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1129-00-0	PYRENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1131-11-3	DIMETHYL PHTHALATE		19	U	6.4	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1191-24-2	BENZO(C,H,I)PERYLENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1192-97-2	Benzo(e)pyrene		18	U	3.6	18	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1193-39-5	INDENO(1,2,3-CD)PYRENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1205-99-2	BENZO(B)FLUORANTHENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1206-44-0	FLUORANTHENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1207-08-9	BENZO(K)FLUORANTHENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1208-96-8	ACENAPHTHYLENE		1.8	U	0.36	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		1218-01-9	Chrysene		1.8	U	0.36	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		150-32-8	BENZO(A)PYRENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		153-70-3	DIBENZO(A,H)ANTHRACENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		156-55-3	BENZO(A)ANTHRACENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		183-32-9	ACENAPHTHENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		184-66-2	DIETHYL PHTHALATE		19	U	6.4	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		184-74-2	Di-n-butylphthalate		19	U	6.4	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		185-01-8	PHENANTHRENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		185-68-7	BENZYL BUTYL PHTHALATE		19	U	6.4	19	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		186-73-7	FLUORENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091443	LL	8270D SIM	6/23/2013	PH055	7.2		190-12-0	1-METHYLNAPHTHALENE		1.8	U	0.72	1.8	ug/kg	U			1786530	267095.7	-118.70716
SL-826-SA5A-SB-14.0-15.0	6/12/2013	N	14	15	ft	SO	5A DG		7091																				

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6010C	6/11/2013	PH051	1.2	1	7440-48-4	COBALT	5.11		0.0902	1.00	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6010C	6/11/2013	PH051	1.2	1	7440-50-8	COPPER	9.53		0.180	2.00	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6010C	6/11/2013	PH051	1.2	1	7440-62-2	VANADIUM (FUME OR DUST)	32.5		0.110	1.00	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6010C	6/11/2013	PH051	1.2	1	7440-66-6	ZINC	57.1		0.200	4.01	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6010C	6/11/2013	PH051	1.2	1	7440-67-7	ZIRCONIUM	3.49	J	0.832	5.01	mg/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6010C	6/11/2013	PH051	1.2	1	7440-70-2	CALCIUM METAL	2380		4.03	20.0	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6010C	6/11/2013	PH051	1.2	1	7723-14-0	PHOSPHORUS	404		0.511	10.0	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6020A	6/11/2013	PH051	1.2	2	7782-49-2	SELENIUM	0.401	U	0.100	0.401	mg/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6020A	6/11/2013	PH051	1.2	2	7440-22-4	SILVER	0.059	J	0.0200	0.200	mg/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6020A	6/11/2013	PH051	1.2	2	7440-24-6	STRONTIUM	23.4		0.0341	0.401	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	6020A	6/11/2013	PH051	1.2	2	7440-28-0	THALLIUM	0.274		0.0301	0.200	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	7471B	6/11/2013	PH051	1.2	1	7439-97-6	MERCURY	0.0144	J	0.0099	0.0165	mg/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8015M	6/15/2013	PH051	1.2	1	PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8015M	6/15/2013	PH051	1.2	1	PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8015M	6/15/2013	PH051	1.2	1	PHCC21C30	EFH (C21-C30)	8.7		2.0	5.1	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8015M	6/15/2013	PH051	1.2	1	PHCC30C40	EFH (C30-C40)	19		4.0	10	mg/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8015M	6/15/2013	PH051	1.2	1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	7.1	J	6.1	18	ug/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	117-84-0	Di-n-octylphtthalate	28	J	6.1	18	ug/kg		J	Q	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	129-00-0	PYRENE	1.3	J	0.67	1.7	ug/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	192-97-2	Benzo(e)pyrene	1.7	UJ	3.4	17	ug/kg	U	UJ	Q	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	1205-99-2	BENZO(B)FLUORANTHENE	1.5	J	0.67	1.7	ug/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	1206-44-0	FLUORANTHENE	1.5	J	0.67	1.7	ug/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	1218-01-9	Chrysene	1.8		0.34	1.7	ug/kg				1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	150-32-8	BENZO(A)PYRENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	183-32-9	ACENAPHTHENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	184-66-2	DIETHYL PHTHALATE	18	UJ	6.1	18	ug/kg	U	UJ	Q	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	184-74-2	Di-n-butylphtthalate	18	U	6.1	18	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	185-01-8	PHENANTHRENE	1.2	J	0.67	1.7	ug/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	186-73-7	FLUORENE	0.75	J	0.67	1.7	ug/kg	J	J	Z	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	191-20-3	NAPHTHALENE	1.7	U	0.67	1.7	ug/kg	J	U	F	1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	8270D SIM	6/19/2013	PH051	1.2	1	191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.67	1.7	ug/kg	U			1786704	267170.3	-118.70658
SL-827-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086819	LL	9045M	6/8/2013	PH051	1.2	1	pH	PH	6.3		0.0100	0.0100	pH unit				1786704	267170.3	-118.70658
SL-845-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086820	LL	160.3M	6/12/2013	PH051	1.2	1	MOIST	MOISTURE	1.2		0.10	0.10	%				1786954	267194.7	-118.70576
SL-845-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086820	LL	1613B	6/19/2013	PH051	1.2	1	1746-01-6	2,3,7,8-TCDD	0.0607	J	0.0245	0.996	ng/kg						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-39-3	BARIUM	123		0.0370	1.12	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-41-7	BERYLLIUM	0.729	J	0.0750	1.12	mg/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-42-8	BORON	3.5	J	0.930	11.2	mg/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-43-9	CADMIUM	0.407	J	0.0370	1.12	mg/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-47-3	CHROMIUM	24.9		0.0986	3.36	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-48-4	COBALT	7.37		0.101	1.12	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-50-8	COPPER	13.5		0.202	2.24	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-62-2	VANADIUM (FUME OR DUST)	46.9		0.123	1.12	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-66-6	ZINC	76.4		0.224	4.48	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-67-7	ZIRCONIUM	4.42	J	0.930	5.60	mg/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17440-70-2	CALCIUM METAL	3210	J	4.50	22.4	mg/kg		J	Q	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6		17723-14-0	PHOSPHORUS	597	J	0.571	11.2	mg/kg		J	Q	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6020A	6/9/2013	PH044	11.6		17440-22-4	SILVER	0.254	J	0.0224	0.224	mg/kg		J	E	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6020A	6/9/2013	PH044	11.6		27440-24-6	STRONTIUM	25.3	J	0.0381	0.448	mg/kg		J	Q	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6020A	6/4/2013	PH044	11.6		27782-49-2	SELENIUM	0.136	J	0.112	0.448	mg/kg	J	J	E, Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6020A	6/4/2013	PH044	11.6		27440-28-0	THALLIUM	0.387		0.0336	0.224	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	7471B	6/11/2013	PH044	11.6		17439-97-6	MERCURY	0.0206		0.0112	0.0186	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8015M	6/8/2013	PH044	11.6		1PHCC12C14	EFH (C12-C14)	5.7	U	2.3	5.7	mg/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8015M	6/8/2013	PH044	11.6		1PHCC15C20	EFH (C15-C20)	6.3		2.3	5.7	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8015M	6/8/2013	PH044	11.6		1PHCC21C30	EFH (C21-C30)	30		2.3	5.7	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8015M	6/8/2013	PH044	11.6		1PHCC30C40	EFH (C30-C40)	44		4.5	11	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8015M	6/8/2013	PH044	11.6		1PHCC8C11	EFH (C8-C11)	5.7	U	2.3	5.7	mg/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	16	J	6.8	20	ug/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1117-84-0	Di-n-octylphthalate	20	U	6.8	20	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1120-12-7	ANTHRACENE	0.39	J	0.38	1.9	ug/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1129-00-0	PYRENE	4.1		0.75	1.9	ug/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1131-11-3	DIMETHYL PHTHALATE	20	U	6.8	20	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	J	0.75	1.9	ug/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1192-97-2	Benzo(e)pyrene	19	U	3.8	19	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.4	J	0.75	1.9	ug/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1205-99-2	BENZO(B)FLUORANTHENE	5.7		0.75	1.9	ug/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1206-44-0	FLUORANTHENE	5.1		0.75	1.9	ug/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1207-08-9	BENZO(K)FLUORANTHENE	1.9		0.75	1.9	ug/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1208-96-8	ACENAPHTHYLENE	1.9	U	0.38	1.9	ug/kg	U			1786680	266858.6	-118.70666
SL-828-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073188	LL	8270D SIM	6/10/2013	PH041	1.5		1218-01-9	Chrysene	2.5		0.34	1.7	ug/kg				1786768	267135	-118.70637
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		150-32-8	BENZO(A)PYRENE	2.4		0.75	1.9	ug/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		153-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.75	1.9	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		156-55-3	BENZO(A)ANTHRACENE	2.1		0.75	1.9	ug/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.9	U	0.75	1.9	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		183-32-9	ACENAPHTHENE	1.9	U	0.75	1.9	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		184-66-2	DIETHYL PHTHALATE	20	U	6.8	20	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	84-74-2	6/10/2013	PH044	11.6		184-74-2	Di-n-butylphthalate	20	U	6.8	20	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		185-01-8	PHENANTHRENE	2.7		0.75	1.9	ug/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.8	20	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		186-73-7	FLUORENE	1.9	U	0.75	1.9	ug/kg	U			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		190-12-0	1-METHYLNAPHTHALENE	1.1	J	0.75	1.9	ug/kg	J	J	Z	1786680		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-38-2	ARSENIC	6.22		0.335	4.06	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-39-3	BARIUM	117		0.0335	1.01	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-41-7	BERYLLIUM	0.993	J	0.0680	1.01	mg/kg	J	J	Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-42-8	BORON	1.92	J	0.842	10.1	mg/kg	J	J	Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-43-9	CADMIUM	0.135	J	0.0335	1.01	mg/kg	J	J	Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-47-3	CHROMIUM	25.4		0.0893	3.04	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-48-4	COBALT	6.7		0.0913	1.01	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-50-8	COPPER	9.31		0.183	2.03	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-62-2	VANADIUM (FUME OR DUST)	47.5		0.112	1.01	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-66-6	ZINC	45.2		0.203	4.06	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-67-7	ZIRCONIUM	3.66	J	0.842	5.07	mg/kg	J	J	Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7440-70-2	CALCIUM METAL	2470	J	4.08	20.3	mg/kg		J	Q	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6010C	6/4/2013	PH044	4.3		1	7723-14-0	PHOSPHORUS	218	J	0.517	10.1	mg/kg		J	Q	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6020A	6/9/2013	PH044	4.3		2	7440-24-6	STRONTIUM	26.6	J	0.0345	0.406	mg/kg		J	Q	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6020A	6/4/2013	PH044	4.3		2	7782-49-2	SELENIUM	0.184	J	0.101	0.406	mg/kg	J	J	E, Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6020A	6/4/2013	PH044	4.3		2	7440-22-4	SILVER	0.0548	J	0.0203	0.203	mg/kg	J	J	E, Z	1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	6020A	6/4/2013	PH044	4.3		2	7440-28-0	THALLIUM	0.221		0.0304	0.203	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	7471B	6/11/2013	PH044	4.3		1	7439-97-6	MERCURY	0.0167		0.010	0.0166	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8015M	6/8/2013	PH044	4.3		1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8015M	6/8/2013	PH044	4.3		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8015M	6/8/2013	PH044	4.3		1	PHCC21C30	EFH (C21-C30)	5.2		2.1	5.2	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8015M	6/8/2013	PH044	4.3		1	PHCC30C40	EFH (C30-C40)	12		4.2	10	mg/kg				1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8015M	6/8/2013	PH044	4.3		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	117-84-0	Di-n-octylphtthalate	19	U	6.3	19	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	129-00-0	PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	206-44-0	FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-829-SA5A-SB-0.0-0.5	5/28/2013	N	0	0.5	ft	SO	5A DG		7073189	LL	8270D SIM	6/10/2013	PH041	1.7		1	218-01-9	Chrysene	2		0.34	1.7	ug/kg				1786769	267128.8	-118.70636
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-841-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078559	LL	8270D SIM	6/10/2013	PH044	4.3		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1786856	266977.2	-118.70607
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	6010C	6/19/2013	PH054	2.2		1	7440-38-2	ARSENIC	3.75	J	0.334	4.05	mg/kg	J	J	Z	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	6010C	6/19/2013	PH054	2.2		1	7440-39-3	BARIUM	97.7		0.0334	1.01	mg/kg				1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	6010C	6/19/2013	PH054	2.2		1	7440-41-7	BERYLLIUM	0.581	J	0.0678	1.01	mg/kg	J	J	Z	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	6010C	6/19/2013	PH054	2.2		1	7440-42-8	BORON	4.93	J	0.840	10.1	mg/kg	J	J	Z	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	6010C	6/19/2013	PH054	2.2		1	7440-43-9	CADMIUM	0.712	J	0.0334	1.01	mg/kg	J	J	Z	1786340	267056.5	-118.70778
SL-783-SA5A																													

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		1192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		1205-99-2	BENZO(B)FLUORANTHENE	1.8	J	0.69	1.7	ug/kg		J	FD	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		1206-44-0	FLUORANTHENE	1.2	J	0.69	1.7	ug/kg	J	J	FD, Z	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		1218-01-9	Chrysene	1.1	J	0.34	1.7	ug/kg	J	J	FD, Z	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		185-01-8	PHENANTHRENE	0.79	J	0.69	1.7	ug/kg	J	J	FD, Z	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8270D SIM	6/25/2013	PH054	3.2		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		111096-82-5	Aroclor 1260	18	U	4.0	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		111097-69-1	Aroclor 1254	18	U	4.5	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		111100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		111104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		111141-16-5	Aroclor 1232	18	U	4.2	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		12672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		12674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		153469-21-9	Aroclor 1242	18	U	4.2	18	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8082A	6/17/2013	PH054	3.2		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8015M	6/18/2013	PH054	3.2		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8015M	6/18/2013	PH054	3.2		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8015M	6/18/2013	PH054	3.2		1PHCC21C30	EFH (C21-C30)	5.2	UJ	2.1	5.2	mg/kg	U	UJ	FD	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8015M	6/18/2013	PH054	3.2		1PHCC30C40	EFH (C30-C40)	10	UJ	4.1	10	mg/kg	U	UJ	FD	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	8015M	6/18/2013	PH054	3.2		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	7471B	6/19/2013	PH054	3.2		17439-97-6	MERCURY	0.0171	UJ	0.0103	0.0171	mg/kg	U	UJ	FD	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	7199	6/22/2013	PH054	3.2		118540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	0.27	J	0.14	0.41	mg/kg	J	J	FD, E, Z	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	6020A	6/21/2013	PH054	3.2		27440-22-4	SILVER	0.207	UJ	0.0207	0.207	mg/kg	U	UJ	FD	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	6020A	6/21/2013	PH054	3.2		27440-24-6	STRONTIUM	22.4	J	0.0351	0.413	mg/kg		J	Q	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5	ft	SO	5A DG	SL-783-SA5A-SB-0.0-0.5	7089819	LL	6020A	6/21/2013	PH054	3.2		27440-28-0	THALLIUM	0.283	J	0.0310	0.207	mg/kg		J	Q	1786340	267056.5	-118.70778
SL-1183-SA5A-SB-0.0-0.5	6/11/2013	FD	0	0.5																								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		13268-87-9	OCDD	40		0.0398	10.3	ng/kg	B			1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	2.79	J	0.0484	5.15	ng/kg	JB	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		139001-02-0	OCDF	0.684	J	0.0374	10.3	ng/kg	JB	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0605	J	0.0356	5.15	ng/kg	JQ	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0448	J	0.0425	5.15	ng/kg	JQ	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.03	U	0.0341	1.03	ng/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.15	U	0.0251	5.15	ng/kg	JBQ	U	B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		157117-31-4	2,3,4,7,8-PECDF	5.15	U	0.0238	5.15	ng/kg	JBQ	U	B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.15	U	0.0240	5.15	ng/kg	JB	U	B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		157117-44-9	1,2,3,6,7,8-HXCDF	5.15	U	0.0193	5.15	ng/kg	JBQ	U	B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.19	J	0.0359	5.15	ng/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		160851-34-5	2,3,4,6,7,8-HXCDF	0.0396	J	0.0192	5.15	ng/kg	JQ	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.335	J	0.0193	5.15	ng/kg	JQ	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		170648-26-9	1,2,3,4,7,8-HXCDF	5.15	U	0.0212	5.15	ng/kg	JBQ	U	B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		172918-21-9	1,2,3,7,8,9-HXCDF	0.182	J	0.0223	5.15	ng/kg	JQ	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	1613B	6/29/2013	PH060	4.5		17CDD TEQ	TCDD TEQ	0.0885		0	0	ng/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17429-90-5	ALUMINUM (FUME OR DUST)	20100		7.47	41.5	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17439-89-6	IRON	22100		3.75	41.5	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17439-92-1	LEAD	7.44		0.518	3.11	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17439-93-2	LITHIUM	23.8		0.35	4.1	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17439-95-4	MAGNESIUM	4570		1.73	10.4	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17439-96-5	MANGANESE	324	J	0.0861	1.04	mg/kg		J	E	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17439-98-7	MOLYBDENUM	2.07	U	0.176	2.07	mg/kg	J	U	F, B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-02-0	NICKEL	13		0.135	2.07	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-09-7	POTASSIUM	2850	J	8.65	104	mg/kg		J	Q	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-23-5	SODIUM	89.9	J	17.3	104	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-31-5	TIN	10.4	U	0.228	10.4	mg/kg	J	U	B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-32-6	TITANIUM METAL POWDER	1210		0.176	1.04	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-36-0	ANTIMONY	4.15	UJ	0.767	4.15	mg/kg	U	UJ	Q	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-38-2	ARSENIC	5.36		0.726	4.15	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-39-3	BARIUM	99		0.0342	1.04	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-41-7	BERYLLIUM	0.781	J	0.0695	1.04	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-42-8	BORON	10.4	U	0.871	10.4	mg/kg	J	U	B	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-43-9	CADMIUM	0.103	J	0.0788	1.04	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-47-3	CHROMIUM	21.1		0.166	3.11	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-48-4	COBALT	5.95	J	0.103	1.04	mg/kg		J	E	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-50-8	COPPER	8.78	J	0.301	2.07	mg/kg		J	A	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-62-2	VANADIUM (FUME OR DUST)	40.4		0.135	1.04	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-66-6	ZINC	54.6		0.207	4.15	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-67-7	ZIRCONIUM	3.81	J	0.871	5.18	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17440-70-2	CALCIUM METAL	1960		3.46	20.7	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6010C	6/27/2013	PH060	4.5		17723-14-0	PHOSPHORUS	294		3.00	10.4	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6020A	6/27/2013	PH060	4.5		27440-22-4	SILVER	0.0547	J	0.0270	0.207	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6020A	6/27/2013	PH060	4.5		27440-24-6	STRONTIUM	30.2	J	0.0539	0.415	mg/kg		J	Q	1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659	LL	6020A	6/27/2013	PH060	4.5		27440-28-0	THALLIUM	0.374		0.0311	0.207	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-4.0-5.0	6/19/2013	N	4	5	ft	SO	5A DG		7099659																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		11746-01-6	2,3,7,8-TCDD	0.0853	J	0.0391	1.02	ng/kg	JQ	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	2.48	J	0.0604	5.10	ng/kg	JB	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		13268-87-9	OCDD	1610		0.0983	10.2	ng/kg	B			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	146		0.109	5.10	ng/kg	B			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		139001-02-0	OCDF	11.1		0.0353	10.2	ng/kg	B			1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.87	J	0.0597	5.10	ng/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.524	J	0.0935	5.10	ng/kg	JQ	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.27	J	0.0713	1.02	ng/kg	JB	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.591	J	0.0368	5.10	ng/kg	JBQ	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		157117-31-4	2,3,4,7,8-PECDF	1.29	J	0.0484	5.10	ng/kg	JB	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.877	J	0.0502	5.10	ng/kg	JB	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		157117-44-9	1,2,3,6,7,8-HXCDF	0.815	J	0.0443	5.10	ng/kg	JB	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.94	J	0.0626	5.10	ng/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		160851-34-5	2,3,4,6,7,8-HXCDF	1.07	J	0.0393	5.10	ng/kg	J	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		167562-39-4	1,2,3,4,6,7,8-HPCDF	9.09		0.0318	5.10	ng/kg				1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		170648-26-9	1,2,3,4,7,8-HXCDF	0.968	J	0.0412	5.10	ng/kg	JB	J	Z	1786829	267467.5	-118.70617
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	1613B	6/29/2013	PH060	2		172918-21-9	1,2,3,7,8,9-HXCDF	0.666	J	0.0402	5.10	ng/kg	J	J	Z	1786829	267467.5	-118.70617
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-43-9	CADMIUM	0.185	J	0.0750	0.987	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-47-3	CHROMIUM	26		0.158	2.96	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-48-4	COBALT	5.9	J	0.0977	0.987	mg/kg		J	E	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-50-8	COPPER	9.09	J	0.286	1.97	mg/kg		J	A	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-62-2	VANADIUM (FUME OR DUST)	44.7		0.128	0.987	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-66-6	ZINC	57.4		0.197	3.95	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-67-7	ZIRCONIUM	3.41	J	0.829	4.93	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17440-70-2	CALCIUM METAL	2650		3.30	19.7	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6010C	6/27/2013	PH061	0.66		17723-14-0	PHOSPHORUS	381		2.85	9.87	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6020A	6/27/2013	PH061	0.66		27782-49-2	SELENIUM	0.237	J	0.0987	0.395	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6020A	6/27/2013	PH061	0.66		27440-22-4	SILVER	0.0722	J	0.0257	0.197	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6020A	6/27/2013	PH061	0.66		27440-24-6	STRONTIUM	28.8	J	0.0513	0.395	mg/kg		J	Q	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	6020A	6/27/2013	PH061	0.66		27440-28-0	THALLIUM	0.377		0.0296	0.197	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	7471B	6/28/2013	PH061	0.66		17439-97-6	MERCURY	0.0156	J	0.010	0.0166	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8015M	6/25/2013	PH061	0.66		1PHCC12C14	EFH (C12-C14)	5	U	2.0	5.0	mg/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8015M	6/25/2013	PH061	0.66		1PHCC15C20	EFH (C15-C20)	5	U	2.0	5.0	mg/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8015M	6/25/2013	PH061	0.66		1PHCC21C30	EFH (C21-C30)	9.9		2.0	5.0	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8015M	6/25/2013	PH061	0.66		1PHCC30C40	EFH (C30-C40)	26		4.0	10	mg/kg				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8015M	6/25/2013	PH061	0.66		1PHCC8C11	EFH (C8-C11)	5	U	2.0	5.0	mg/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	180	U	60	180	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10117-84-0	Di-n-octylphthalate	180	U	60	180	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10120-12-7	ANTHRACENE	17	U	3.3	17	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10129-00-0	PYRENE	10	J	6.7	17	ug/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10131-11-3	DIMETHYL PHTHALATE	180	U	60	180	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10191-24-2	BENZO(G,H,I)PERYLENE	17	U	6.7	17	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10192-97-2	Benzo(e)pyrene	170	U	33	170	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	6.7	17	ug/kg	U			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66		10205-99-2	BENZO(B)FLUORANTHENE	17	U	6.7	17	ug/kg	U			1786945</		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	1613B	6/30/2013	PH061	2.9		1	TCDD TEQ	TCDD TEQ	0.0917		0					1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7429-90-5	ALUMINUM (FUME OR DUST)	17600		7.28	40.4	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7439-89-6	IRON	25600		3.66	40.4	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7439-92-1	LEAD	7.99		0.505	3.03	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7439-93-2	LITHIUM	29.2		0.34	4.0	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7439-95-4	MAGNESIUM	5630		1.69	10.1	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7439-96-5	MANGANES	322	J	0.0838	1.01	mg/kg		J	1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7439-98-7	MOLYBDENUM	2.02	U	0.172	2.02	mg/kg	J	U	F, B	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-02-0	NICKEL	18		0.131	2.02	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-09-7	POTASSIUM	3000	J	8.42	101	mg/kg		J	Q	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-23-5	SODIUM	89.9	J	16.9	101	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-31-5	TIN	10.1	U	0.222	10.1	mg/kg	J	U	B	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-32-6	TITANIUM METAL POWDER	1230		0.172	1.01	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-36-0	ANTIMONY	4.04	UJ	0.747	4.04	mg/kg	U	UJ	Q	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-38-2	ARSENIC	7.63		0.707	4.04	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-39-3	BARIUM	94.8		0.0333	1.01	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-41-7	BERYLLIUM	0.726	J	0.0676	1.01	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-42-8	BORON	10.1	U	0.848	10.1	mg/kg	J	U	B	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-43-9	CADMIUM	0.198	J	0.0767	1.01	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-47-3	CHROMIUM	28.4		0.162	3.03	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-48-4	COBALT	6.69	J	0.100	1.01	mg/kg		J	E	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-50-8	COPPER	12.2	J	0.293	2.02	mg/kg		J	A	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-62-2	VANADIUM (FUME OR DUST)	46.6		0.131	1.01	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-66-6	ZINC	65.3		0.202	4.04	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-67-7	ZIRCONIUM	3.6	J	0.848	5.05	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7440-70-2	CALCIUM METAL	3150		3.37	20.2	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6010C	6/27/2013	PH061	2.9		1	7723-14-0	PHOSPHORUS	517		2.92	10.1	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6020A	6/27/2013	PH061	2.9		2	7782-49-2	SELENIUM	0.248	J	0.101	0.404	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6020A	6/27/2013	PH061	2.9		2	7440-22-4	SILVER	0.0684	J	0.0263	0.202	mg/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6020A	6/27/2013	PH061	2.9		2	7440-24-6	STRONTIUM	34.4	J	0.0525	0.404	mg/kg		J	Q	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	6020A	6/27/2013	PH061	2.9		2	7440-28-0	THALLIUM	0.459		0.0303	0.202	mg/kg			1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	7471B	6/28/2013	PH061	2.9		1	7439-97-6	MERCURY	0.0169	U	0.0101	0.0169	mg/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8015M	6/26/2013	PH061	2.9	25.72	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U		1786945	267465.9	-118.70579		
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8015M	6/25/2013	PH061	2.9		1	PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8015M	6/25/2013	PH061	2.9		1	PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8015M	6/25/2013	PH061	2.9		1	PHCC21C30	EFH (C21-C30)	5.1	U	2.1	5.1	mg/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8015M	6/25/2013	PH061	2.9		1	PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8015M	6/25/2013	PH061	2.9		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	117-84-0	Di-n-octylphtalate	19	U	6.2	19	ug/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	129-00-0	PYRENE	0.85	J	0.69	1.7	ug/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U		1786945	267465.9	-118.70579	
SL-868-SA5A-SB-4.0-5.0	6/20/2013	N	4	5	ft	SO	5A DG		7102689	LL	8270D SIM	6/29/2013	PH061	2.9		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U		1786945	2674		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6010C	6/17/2013	PH050	3		17440-62-2	VANADIUM (FUME OR DUST)	39.1		0.110	1.00	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6010C	6/17/2013	PH050	3		17440-66-6	ZINC	60.3		0.200	4.00	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6010C	6/17/2013	PH050	3		17440-67-7	ZIRCONIUM	2.8	J	0.831	5.00	mg/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6010C	6/17/2013	PH050	3		17440-70-2	CALCIUM METAL	2950		4.02	20.0	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6010C	6/17/2013	PH050	3		17723-14-0	PHOSPHORUS	386		0.510	10.0	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6020A	6/17/2013	PH050	3		27782-49-2	SELENIUM	0.213	J	0.100	0.400	mg/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6020A	6/17/2013	PH050	3		27440-22-4	SILVER	0.0781	J	0.0200	0.200	mg/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6020A	6/17/2013	PH050	3		27440-24-6	STRONTIUM	35.9	J	0.0340	0.400	mg/kg		J	E, Q, A	1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	6020A	6/17/2013	PH050	3		27440-28-0	THALLIUM	0.395	J	0.0300	0.200	mg/kg		J	Q	1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	7471B	6/16/2013	PH050	3		17439-97-6	MERCURY	0.0162	U	0.0097	0.0162	mg/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8015M	6/15/2013	PH050	3		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8015M	6/15/2013	PH050	3		1PHCC15C20	EFH (C15-C20)	2.2	J	2.1	5.2	mg/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8015M	6/15/2013	PH050	3		1PHCC21C30	EFH (C21-C30)	11		2.1	5.2	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8015M	6/15/2013	PH050	3		1PHCC30C40	EFH (C30-C40)	31		4.1	10	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8015M	6/15/2013	PH050	3		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.2	18	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1117-84-0	Di-n-octylphthalate	18	U	6.2	18	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1131-11-3	DIMETHYL PHTHALATE	18	U	6.2	18	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-832-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075250	LL	8270D SIM	6/10/2013	PH042	1.5		1218-01-9	Chrysene	1.2	J	0.34	1.7	ug/kg	J	J	Z	1786776	267113.8	-118.70634
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		184-66-2	DIETHYL PHTHALATE	18	U	6.2	18	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		184-74-2	Di-n-butylphthalate	18	U	6.2	18	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.2	18	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	9045M	6/7/2013	PH050	3		1pH	PH	6.67		0.0100	0.0100	pH unit				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	160.3M	6/11/2013	PH050	5.7		1MOIST	MOISTURE	5.7		0.10	0.10	%				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	1613B	6/18/2013	PH050	5.7		11746-01-6	2,3,7,8-TCDD	0.0345	J	0.0200	1.03	ng/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	1613B	6/18/2013	PH050	5.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.16	U	0.0169	5.16	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	1613B	6/18/2013	PH050	5.7		13268-87-9	OCDD	10.3	U	0.0224	10.3	ng/kg	JB	U	B	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N																										

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6010C	6/17/2013	PH050	5.7		1	7440-50-8	COPPER	9.94	J	0.185	2.06	mg/kg		J	A	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6010C	6/17/2013	PH050	5.7		1	7440-62-2	VANADIUM (FUME OR DUST)	47.3		0.113	1.03	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6010C	6/17/2013	PH050	5.7		1	7440-66-6	ZINC	54.1		0.206	4.12	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6010C	6/17/2013	PH050	5.7		1	7440-67-7	ZIRCONIUM	3.98	J	0.855	5.15	mg/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6010C	6/17/2013	PH050	5.7		1	7440-70-2	CALCIUM METAL	2380		4.14	20.6	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6010C	6/17/2013	PH050	5.7		1	7723-14-0	PHOSPHORUS	216		0.525	10.3	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6020A	6/17/2013	PH050	5.7		2	7782-49-2	SELENIUM	0.207	J	0.103	0.412	mg/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6020A	6/17/2013	PH050	5.7		2	7440-22-4	SILVER	0.0593	J	0.0206	0.206	mg/kg	J	J	Z	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6020A	6/17/2013	PH050	5.7		2	7440-24-6	STRONTIUM	27.6	J	0.0350	0.412	mg/kg		J	E, Q, A	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	6020A	6/17/2013	PH050	5.7		2	7440-28-0	THALLIUM	0.371	J	0.0309	0.206	mg/kg		J	Q	1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	7471B	6/16/2013	PH050	5.7		1	7439-97-6	MERCURY	0.0174	U	0.0105	0.0174	mg/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8015M	6/15/2013	PH050	5.7		1	PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8015M	6/15/2013	PH050	5.7		1	PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8015M	6/15/2013	PH050	5.7		1	PHCC21C30	EFH (C21-C30)	6.2		2.1	5.3	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8015M	6/15/2013	PH050	5.7		1	PHCC30C40	EFH (C30-C40)	16		4.2	11	mg/kg				1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8015M	6/15/2013	PH050	5.7		1	PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8015M	6/10/2013	PH050	5.7	25.61	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1787194	267554.5	-118.70497	
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7		1	117-84-0	Di-n-octylphtthalate	19	U	6.3	19	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7		1	120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7		1	129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7		1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.70	1.8	ug/kg	U			1787194	267554.5	-118.70497
SL-872-SA5A-SB-2.5-3.5	6/6/2013	N	2.5	3.5	ft	SO	5A DG		7085562	LL	8270D SIM	6/18/2013	PH050	5.7		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1787194	267554.5	-118.70497
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	129-00-0	PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.5	19	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	192-97-2	Benzo(e)pyrene	18	U	3.6	18	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	206-44-0	FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	218-01-9	Chrysene	1.8	U	0.36	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	50-32-8	BENZO(A)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	83-32-9	ACENAPHTHENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	84-66-2	DIETHYL PHTHALATE	19	U	6.5	19	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	84-74-2	Di-n-butylphtthalate	19	U	6.5	19	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	85-01-8	PHENANTHRENE	1.8	U	0.72	1.8	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.5	19	ug/kg	U			1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8270D SIM	8/8/2013	PH077	7.5		1	86-73-7	FLUORENE	1.8	U	0.72	1.8	ug/kg						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8082A	11/29/2013	PH132	1.4		111141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8082A	11/29/2013	PH132	1.4		12642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8082A	11/29/2013	PH132	1.4		12672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8082A	11/29/2013	PH132	1.4		12674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8082A	11/29/2013	PH132	1.4		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8082A	11/29/2013	PH132	1.4		153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8082A	11/29/2013	PH132	1.4		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		11024-57-3	HEPTACHLOR EPOXIDE	0.84	U	0.28	0.84	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		11031-07-8	ENDOSULFAN SULFATE	0.46	J	0.33	1.7	ug/kg	J	J	FD, Z	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		12385-85-5	MIREX	1.7	U	0.91	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		1309-00-2	ALDRIN	0.84	U	0.17	0.84	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		1319-84-6	ALPHA-BHC	0.84	U	0.17	0.84	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		1319-85-7	BETA-BHC	1.9	U	0.97	1.9	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		1319-86-8	DELTA-BHC	0.84	U	0.45	0.84	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		133213-65-9	ENDOSULFAN II	1.7	U	0.33	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		153494-70-5	ENDRIN KETONE	1.8	U	0.60	1.8	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		157-74-9	CHLORDANE	17	U	4.0	17	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		158-89-9	gamma-BHC (Lindane)	0.84	U	0.17	0.84	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		160-57-1	DIELDRIN	1.5	J	0.33	1.7	ug/kg	J	J	FD, Z	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		172-20-8	ENDRIN	6.2	U	6.2	6.2	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		172-43-5	Methoxychlor	6.8	U	1.7	6.8	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		172-54-8	4,4'-DDD	1.1	J	0.33	1.7	ug/kg	J	J	FD, Z	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		17421-93-4	ENDRIN ALDEHYDE	1.7	U	0.33	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		176-44-8	HEPTACHLOR	0.84	U	0.17	0.84	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		18001-35-2	Toxaphene	33	U	14	33	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		1959-98-8	ENDOSULFAN I	0.84	U	0.22	0.84	ug/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		2050-29-3	4,4'-DDT	52	J	7.1	34	ug/kg		J	FD	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8081B	12/3/2013	PH132	1.4		2072-55-9	4,4'-DDE	87	J	6.6	34	ug/kg		J	FD	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8015M	12/3/2013	PH132	1.4		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8015M	12/3/2013	PH132	1.4		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8015M	12/3/2013	PH132	1.4		1PHCC21C30	EFH (C21-C30)	4.2	J	2.0	5.1	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8015M	12/3/2013	PH132	1.4		1PHCC30C40	EFH (C30-C40)	9.4	J	4.1	10	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	8015M	12/3/2013	PH132	1.4		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	7471B	12/3/2013	PH132	1.4		17439-97-6	MERCURY	0.0441	J	0.0099	0.0164	mg/kg		J	FD	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6020A	12/3/2013	PH132	1.4		27782-49-2	SELENIUM	0.152	J	0.100	0.402	mg/kg	J	J	FD, Z	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6020A	12/3/2013	PH132	1.4		27440-22-4	SILVER	1.38	J	0.0261	0.201	mg/kg		J	FD	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6020A	12/3/2013	PH132	1.4		27440-24-6	STRONTIUM	22.2	J	0.0683	0.402	mg/kg		J	Q	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6020A	12/3/2013	PH132	1.4		27440-28-0	THALLIUM	0.221		0.0301	0.201	mg/kg				1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6010C	12/3/2013	PH132	1.4		17429-90-5	ALUMINUM (FUME OR DUST)	10400		7.24	40.2	mg/kg				1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6010C	12/3/2013	PH132	1.4		17439-89-6	IRON	15700		3.64	40.2	mg/kg				1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6010C	12/3/2013	PH132	1.4		17439-92-1	LEAD	17.6	J	0.502	3.01	mg/kg		J	FD	1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475	LL	6010C	12/3/2013	PH132	1.4		17439-93-2	LITHIUM	14.8		0.34	4.0	mg/kg				1786122	267614.4	-118.70852
SL-1008-SA5A-SB-0.0-0.5	11/19/2013	FD	0	0.5	ft	SO	5A DG	SL-708-SA5A-SB-0.0-0.5	7284475																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	1613B	12/4/2013	PH131	2		1	TCDD TEQ	TCDD TEQ	0.126		0					1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7429-90-5	ALUMINUM (FUME OR DUST)	13300		7.21	40.0	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7439-89-6	IRON	20000		3.62	40.0	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7439-92-1	LEAD	8.02		0.500	3.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7439-93-2	LITHIUM	22.3		0.34	4.0	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7439-95-4	MAGNESIUM	4470		1.67	10.0	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7439-96-5	MANGANESE	379		0.0830	1.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7439-98-7	MOLYBDENUM	2	U	0.170	2.00	mg/kg	J	U	F	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-02-0	NICKEL	11.8		0.130	2.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-09-7	POTASSIUM	3240	J	8.34	100	mg/kg		J	Q	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-23-5	SODIUM	78.9	J	16.7	100	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-31-5	TIN	10	U	0.220	10.0	mg/kg	J	U	B	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-32-6	TITANIUM METAL POWDER	1060		0.170	1.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-36-0	ANTIMONY	4	UJ	0.740	4.00	mg/kg	U	UJ	Q	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-38-2	ARSENIC	4.08		0.700	4.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-39-3	BARIUM	86.2		0.0330	1.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-41-7	BERYLLIUM	0.566	J	0.0670	1.00	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-42-8	BORON	2.05	J	0.840	10.0	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-43-9	CADMIUM	1	U	0.0760	1.00	mg/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-47-3	CHROMIUM	19.8		0.160	3.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-48-4	COBALT	4.79		0.0990	1.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-50-8	COPPER	6.34		0.290	2.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-62-2	VANADIUM (FUME OR DUST)	33.5		0.130	1.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-66-6	ZINC	55.9		0.200	4.00	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-67-7	ZIRCONIUM	2.58	J	0.840	5.00	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7440-70-2	CALCIUM METAL	2640		3.34	20.0	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6010C	12/2/2013	PH131	2		1	7723-14-0	PHOSPHORUS	409	J	2.89	10.0	mg/kg		J	Q	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6020A	12/2/2013	PH131	2		2	7782-49-2	SELENIUM	0.161	J	0.100	0.400	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6020A	12/2/2013	PH131	2		2	7440-22-4	SILVER	0.093	J	0.0260	0.200	mg/kg	J	J	FD, Z	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6020A	12/2/2013	PH131	2		2	7440-24-6	STRONTIUM	22.9	J	0.0680	0.400	mg/kg		J	Q, A	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	6020A	12/2/2013	PH131	2		2	7440-28-0	THALLIUM	0.286		0.0300	0.200	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	7471B	11/28/2013	PH131	2		1	7439-97-6	MERCURY	0.0166	U	0.0099	0.0166	mg/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015B	11/27/2013	PH131	2		1	84-15-1	O-TERPHENYL	0.17	U	0.068	0.17	mg/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015B	11/27/2013	PH131	2		1	92-06-8	m-Terphenyl	0.12	J	0.068	0.17	mg/kg	J	J	FD, Z	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015B	11/27/2013	PH131	2		1	92-94-4	p-Terphenyl	0.17	U	0.068	0.17	mg/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015M	11/27/2013	PH131	2	25.46	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015M	11/26/2013	PH131	2		1	PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015M	11/26/2013	PH131	2		1	PHCC15C20	EFH (C15-C20)	5.1	UJ	2.0	5.1	mg/kg	U	UJ	FD	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015M	11/26/2013	PH131	2		1	PHCC21C30	EFH (C21-C30)	13		2.0	5.1	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015M	11/26/2013	PH131	2		1	PHCC30C40	EFH (C30-C40)	33		4.1	10	mg/kg			1786090	267710.9	-118.70863	
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8015M	11/26/2013	PH131	2		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8082A	12/1/2013	PH131	2		1	11096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8082A	12/1/2013	PH131	2		1	110												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		13268-87-9	OCDD	249		0.0600	10.7	ng/kg	B			1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	16.2		0.0846	5.34	ng/kg	B			1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		139001-02-0	OCDF	19.7		0.0460	10.7	ng/kg	B			1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.188	J	0.0505	5.34	ng/kg	J	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.34	U	0.0454	5.34	ng/kg	JB	U	B	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.237	J	0.0741	1.07	ng/kg	J	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.411	J	0.0441	5.34	ng/kg	JBQ	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		157117-31-4	2,3,4,7,8-PECDF	0.395	J	0.0320	5.34	ng/kg	JB	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.34	U	0.0316	5.34	ng/kg	JB	U	B	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		157117-44-9	1,2,3,6,7,8-HXCDF	0.219	J	0.0457	5.34	ng/kg	JBQ	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.596	J	0.0561	5.34	ng/kg	JBQ	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		160851-34-5	2,3,4,6,7,8-HXCDF	0.23	J	0.0466	5.34	ng/kg	JB	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	4.07	J	0.0292	5.34	ng/kg	JB	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		170648-26-9	1,2,3,4,7,8-HXCDF	5.34	U	0.0484	5.34	ng/kg	JB	U	B	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		172918-21-9	1,2,3,7,8,9-HXCDF	0.248	J	0.0579	5.34	ng/kg	JBQ	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	1613B	6/12/2013	PH044	6.4		1TCDD TEQ	TCDD TEQ	0.634		0	0	ng/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17429-90-5	ALUMINUM (FUME OR DUST)	14900		8.16	42.3	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17439-89-6	IRON	21100		4.02	42.3	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17439-92-1	LEAD	11.6		0.497	3.17	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17439-93-2	LITHIUM	18.8		0.58	4.2	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17439-95-4	MAGNESIUM	3940		1.83	10.6	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17439-96-5	MANGANESE	390		0.0878	1.06	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17439-98-7	MOLYBDENUM	2.12	U	0.180	2.12	mg/kg	J	U	B, F	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-02-0	NICKEL	13.4	J	0.116	2.12	mg/kg		J	A	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-09-7	POTASSIUM	3820		14.3	106	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-23-5	SODIUM	64.7	J	17.7	106	mg/kg	J	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-31-5	TIN	10.6	U	0.233	10.6	mg/kg	J	U	B	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-32-6	TITANIUM METAL POWDER	1080		0.180	1.06	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-36-0	ANTIMONY	4.23	UJ	0.529	4.23	mg/kg	J	UJ	B, Q	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-38-2	ARSENIC	4.61		0.349	4.23	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-39-3	BARIUM	111		0.0349	1.06	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-41-7	BERYLLIUM	0.642	J	0.0709	1.06	mg/kg	J	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-42-8	BORON	2.72	J	0.878	10.6	mg/kg	J	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-43-9	CADMIUM	0.343	J	0.0349	1.06	mg/kg	J	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-47-3	CHROMIUM	20.8		0.0931	3.17	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-48-4	COBALT	6.4		0.0952	1.06	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-50-8	COPPER	11.1		0.190	2.12	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-62-2	VANADIUM (FUME OR DUST)	36.9		0.116	1.06	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-66-6	ZINC	55.9		0.212	4.23	mg/kg				1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-67-7	ZIRCONIUM	3.41	J	0.878	5.29	mg/kg	J	J	Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17440-70-2	CALCIUM METAL	2170	J	4.25	21.2	mg/kg	J	J	Q	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6010C	6/4/2013	PH044	6.4		17723-14-0	PHOSPHORUS	437	J	0.539	10.6	mg/kg	J	J	Q	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6020A	6/9/2013	PH044	6.4		27440-24-6	STRONTIUM	22.1	J	0.0360	0.423	mg/kg	J	J	Q	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6020A	6/4/2013	PH044	6.4		27782-49-2	SELENIUM	0.128	J	0.106	0.423	mg/kg	J	J	E, Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6020A	6/4/2013	PH044	6.4		27440-22-4	SILVER	0.045	J	0.0212	0.212	mg/kg	J	J	E, Z	1786711	267003	-118.70655
SL-839-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078558	LL	6020A	6/4/2013																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	3.17	J	0.0851	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	3268-87-9	OCDD	2100		0.121	11.3	ng/kg	B			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	135		0.203	5.63	ng/kg	B			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	39001-02-0	OCDF	131		0.0598	11.3	ng/kg	B			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.4	J	0.0832	5.63	ng/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.7	J	0.0663	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.186	J	0.0951	1.13	ng/kg	JQ	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	3.23	J	0.0889	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	57117-31-4	2,3,4,7,8-PECDF	0.837	J	0.0429	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.639	J	0.0462	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	57117-44-9	1,2,3,6,7,8-HXCDF	0.929	J	0.0756	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	3.55	J	0.0903	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	60851-34-5	2,3,4,6,7,8-HXCDF	1.33	J	0.0823	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	27.2		0.0599	5.63	ng/kg	B			1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	70648-26-9	1,2,3,4,7,8-HXCDF	0.937	J	0.0809	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	72918-21-9	1,2,3,7,8,9-HXCDF	0.54	J	0.0944	5.63	ng/kg	JB	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	1613B	6/12/2013	PH044	11.6	1	TCDD TEQ	TCDD TEQ	4.48		0	0	ng/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7429-90-5	ALUMINIUM (FUME OR DUST)	18100		8.64	44.8	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7439-89-6	IRON	26000		4.26	44.8	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7439-92-1	LEAD	12.3		0.526	3.36	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7439-93-2	LITHIUM	26.9		0.62	4.5	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7439-95-4	MAGNESIUM	5340		1.94	11.2	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7439-96-5	MANGANESE	410		0.0930	1.12	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7439-98-7	MOLYBDENUM	2.24	U	0.190	2.24	mg/kg	J	U	B, F	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7440-02-0	NICKEL	16.4	J	0.123	2.24	mg/kg		J	A	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7440-09-7	POTASSIUM	4960		15.1	112	mg/kg				1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7440-23-5	SODIUM	91.8	J	18.7	112	mg/kg	J	J	Z	1786680	266858.6	-118.70666
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	6010C	6/4/2013	PH044	11.6	1	7440-31-5	TIN	11.2	U	0.246	11.2	mg/kg	J	U	B	1786680	266858.6	-118.70666
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3	1	86-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3	1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3	1	91-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8270D SIM	6/22/2013	PH054	1.3	1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8015M	6/18/2013	PH054	1.3	1	PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8015M	6/18/2013	PH054	1.3	1	PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8015M	6/18/2013	PH054	1.3	1	PHCC21C30	EFH (C21-C30)	10		2.0	5.1	mg/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8015M	6/18/2013	PH054	1.3	1	PHCC30C40	EFH (C30-C40)	25		4.1	10	mg/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	8015M	6/18/2013	PH054	1.3	1	PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	7471B	6/19/2013	PH054	1.3	1	7439-97-6	MERCURY	0.0115	J	0.0100	0.0167	mg/kg	J	J	Z	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	6020A	6/21/2013	PH054	1.3	2	7440-22-4	SILVER	0.0534	J	0.0203	0.203	mg/kg	J	J	Q, Z	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	6020A	6/21/2013	PH054	1.3	2	7440-24-6	STRONTIUM	31.1	J	0.0344	0.405	mg/kg		J	Q	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	6020A	6/21/2013	PH054	1.3	2	7440-28-0	THALLIUM	0.335	J	0.0304	0.203	mg/kg		J	Q	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	6020A	6/21/2013	PH054	1.3	2	7782-49-2	SELENIUM	0.181	J	0.101	0.405	mg/kg	J	J	Q, Z	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	6010C	6/19/2013	PH054	1.3	1	7429-90-5	ALUMINIUM (FUME OR DUST)	15500		7.81	40.5	mg/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	6010C	6/19/2013	PH054	1.3	1	7439-89-6	IRON	18400		3.85	40.5	mg/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	6010C	6/19/2013	PH054	1.3	1	7439-93-2	LITHIUM	19.6		0.56	4.1							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	1613B	6/21/2013	PH054	1.3		160851-34-5	2,3,4,6,7,8-HXCDF	4.96	U	0.0272	4.96	ng/kg	JB	U	B	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	1613B	6/21/2013	PH054	1.3		167562-39-4	1,2,3,4,6,7,8-HPCDF	3.68	J	0.0197	4.96	ng/kg	JB	U	Z	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	1613B	6/21/2013	PH054	1.3		170648-26-9	1,2,3,4,7,8-HXCDF	4.96	U	0.0305	4.96	ng/kg	JBQ	U	B	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	1613B	6/21/2013	PH054	1.3		172918-21-9	1,2,3,7,8,9-HXCDF	4.96	U	0.0289	4.96	ng/kg	JBQ	U	B	1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	1613B	6/21/2013	PH054	1.3		17TCDD TEQ	TCDD TEQ	2.28		0	0	ng/kg				1786301	267005.4	-118.70791
SL-785-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089823	LL	160.3M	6/13/2013	PH054	1.3		17MOIST	MOISTURE	1.3		0.10	0.10	%				1786301	267005.4	-118.70791
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	9045M	6/12/2013	PH054	2.2		17pH	PH	6.88		0.0100	0.0100	pH unit				1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8315A	6/20/2013	PH054	2.2		1750-00-0	FORMALDEHYDE	2000	U	1200	2000	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		17117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	14	J	6.1	18	ug/kg	J	J	Z	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		17117-84-0	Di-n-octylphthalate	94	J	6.1	18	ug/kg	J	J	FD, I, Q	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		17120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		17129-00-0	PYRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		17131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		17191-24-2	BENZO(G,H,I)PERYLENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	I	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		17192-97-2	Benzo(e)pyrene	17	UJ	3.4	17	ug/kg	U	UJ	I	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		17193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	I	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		17205-99-2	BENZO(B)FLUORANTHENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD, I	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		17206-44-0	FLUORANTHENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		17207-08-9	BENZO(K)FLUORANTHENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	I	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		17208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-834-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076745	LL	8270D SIM	6/10/2013	PH043	2.6		17218-01-9	Chrysene	0.91	J	0.34	1.7	ug/kg	J	J	Z	1786602	266995.6	-118.70691
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1750-32-8	BENZO(A)PYRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	I	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1753-70-3	DIBENZO(A,H)ANTHRACENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	I	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1756-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1762-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1783-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1784-66-2	DIETHYL PHTHALATE	18	UJ	6.1	18	ug/kg	U	UJ	Q	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1784-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1785-01-8	PHENANTHRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1785-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1786-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1790-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1791-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8270D SIM	6/21/2013	PH054	2.2		1791-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		1711096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		1711097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		1711100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		1711104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		1711126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		1711141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		1712642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		1712672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		1712674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		1737324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO	5A DG		7089812	LL	8082A	6/17/2013	PH054	2.2		1753469-21-9	Aroclor 1247	17	U	4.2	17	ug/kg	U			1786340	267056.5	-118.70778
SL-783-SA5A-SB-0.0-0.5	6/11/2013	N	0	0.5	ft	SO																						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	6010C	6/27/2013	PH060	1.6		1 7440-70-2	CALCIUM METAL	3620		3.36	20.1	mg/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	6010C	6/27/2013	PH060	1.6		1 7723-14-0	PHOSPHORUS	591		2.91	10.1	mg/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	6020A	6/27/2013	PH060	1.6		2 7440-22-4	SILVER	0.173	J	0.0262	0.201	mg/kg	J	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	6020A	6/27/2013	PH060	1.6		2 7440-24-6	STRONTIUM	33.6	J	0.0523	0.402	mg/kg		J	Q	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	6020A	6/27/2013	PH060	1.6		2 7440-28-0	THALLIUM	0.361		0.0302	0.201	mg/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	6020A	6/27/2013	PH060	1.6		2 7782-49-2	SELENIUM	0.187	J	0.101	0.402	mg/kg	J	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	7471B	6/28/2013	PH060	1.6		1 7439-97-6	MERCURY	0.0401		0.0098	0.0163	mg/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8015M	6/25/2013	PH060	1.6		2 PHCC12C14	EFH (C12-C14)	10	U	4.1	10	mg/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8015M	6/25/2013	PH060	1.6		2 PHCC15C20	EFH (C15-C20)	10	U	4.1	10	mg/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8015M	6/25/2013	PH060	1.6		2 PHCC21C30	EFH (C21-C30)	25		4.1	10	mg/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8015M	6/25/2013	PH060	1.6		2 PHCC30C40	EFH (C30-C40)	85		8.1	20	mg/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8015M	6/25/2013	PH060	1.6		2 PHCC8C11	EFH (C8-C11)	10	U	4.1	10	mg/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	180	U	61	180	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 117-84-0	Di-n-octylphthalate	180	U	61	180	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 120-12-7	ANTHRACENE	3.8	J	3.4	17	ug/kg	J	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 129-00-0	PYRENE	84		6.7	17	ug/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 131-11-3	DIMETHYL PHTHALATE	180	U	61	180	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 191-24-2	BENZO(G,H,I)PERYLENE	7.6	J	6.7	17	ug/kg	J	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 192-97-2	Benzo(e)pyrene	170	U	34	170	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 205-99-2	BENZO(B)FLUORANTHENE	26		6.7	17	ug/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 206-44-0	FLUORANTHENE	110		6.7	17	ug/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 207-08-9	BENZO(K)FLUORANTHENE	7.9	J	6.7	17	ug/kg	J	J	Z	1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 208-96-8	ACENAPHTHYLENE	17	U	3.4	17	ug/kg	U			1786685	267530.7	-118.70665
SL-836-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076732	LL	8270D SIM	6/10/2013	PH043	13.7		1 218-01-9	Chrysene	1.8	J	0.39	1.9	ug/kg	J	J	Z	1786586	266980.2	-118.70697
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 50-32-8	BENZO(A)PYRENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 53-70-3	DIBENZO(A,H)ANTHRACENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 56-55-3	BENZO(A)ANTHRACENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 83-32-9	ACENAPHTHENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 84-66-2	DIETHYL PHTHALATE	180	U	61	180	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 84-74-2	Di-n-butylphthalate	180	U	61	180	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 85-01-8	PHENANTHRENE	80		6.7	17	ug/kg				1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 85-68-7	BENZYL BUTYL PHTHALATE	180	U	61	180	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 86-73-7	FLUORENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 90-12-0	1-METHYLNAPHTHALENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 91-20-3	NAPHTHALENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	8270D SIM	6/27/2013	PH060	1.6		10 91-57-6	2-METHYLNAPHTHALENE	17	U	6.7	17	ug/kg	U			1786685	267530.7	-118.70665
SL-859-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099657	LL	9045M	6/20/2013	PH060	1.6		1 pH	PH	6.52		0.0100	0.0100	pH unit				1786685	267530.7	-118.70665
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	160.3M	6/25/2013	PH060	3.8		1 MOIST	MOISTURE	3.8		0.10	0.10	%				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	1613B	6/29/2013	PH060	3.8		1 1746-01-6	2,3,7,8-TCDD	0.0892	J	0.0373	1.03	ng/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	1613B	6/29/2013	PH060	3.8		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	2.09	J	0.0575	5.14	ng/kg	JB	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	1613B	6/29/2013	PH060	3.8		1 3268-87-9	OCDD	973		0.0683	10.3	ng/kg	B			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	1613B	6/29/2013	PH060	3.8		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	58.9		0.0901	5.14	ng/kg	B			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	1613B	6/29/2013	PH060	3.8		1 39001-02-0	OCDF	14.6		0.0332	10.3	ng/kg	B			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	1613B	6/29/2013	PH060	3.8		1 39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOX											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	6010C	6/27/2013	PH060	3.8		1 7440-67-7	ZIRCONIUM	1.87	J	0.856	5.10	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	6010C	6/27/2013	PH060	3.8		1 7440-70-2	CALCIUM METAL	2300		3.40	20.4	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	6010C	6/27/2013	PH060	3.8		1 7723-14-0	PHOSPHORUS	365		2.95	10.2	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	6020A	6/27/2013	PH060	3.8		2 7440-22-4	SILVER	0.0615	J	0.0265	0.204	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	6020A	6/27/2013	PH060	3.8		2 7440-24-6	STRONTIUM	15.4	J	0.0530	0.408	mg/kg		J	Q	1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	6020A	6/27/2013	PH060	3.8		2 7440-28-0	THALLIUM	0.204		0.0306	0.204	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	6020A	6/27/2013	PH060	3.8		2 7782-49-2	SELENIUM	0.157	J	0.102	0.408	mg/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	7471B	6/28/2013	PH060	3.8		1 7439-97-6	MERCURY	0.0172	U	0.0103	0.0172	mg/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8015M	6/25/2013	PH060	3.8		10 PHCC12C14	EFH (C12-C14)	52	U	21	52	mg/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8015M	6/25/2013	PH060	3.8		10 PHCC15C20	EFH (C15-C20)	52	U	21	52	mg/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8015M	6/25/2013	PH060	3.8		10 PHCC21C30	EFH (C21-C30)	350		21	52	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8015M	6/25/2013	PH060	3.8		10 PHCC30C40	EFH (C30-C40)	710		42	100	mg/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8015M	6/25/2013	PH060	3.8		10 PHCC8C11	EFH (C8-C11)	52	U	21	52	mg/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	190	U	62	190	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 117-84-0	Di-n-octylphthalate	190	U	62	190	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 120-12-7	ANTHRACENE	17	U	3.5	17	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 129-00-0	PYRENE	22		6.9	17	ug/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 131-11-3	DIMETHYL PHTHALATE	190	U	62	190	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 191-24-2	BENZO(G,H,I)PERYLENE	17	U	6.9	17	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 192-97-2	Benzo(e)pyrene	180	U	35	180	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	6.9	17	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 205-99-2	BENZO(B)FLUORANTHENE	22		6.9	17	ug/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 206-44-0	FLUORANTHENE	24		6.9	17	ug/kg				1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 207-08-9	BENZO(K)FLUORANTHENE	17	U	6.9	17	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 208-96-8	ACENAPHTHYLENE	17	U	3.5	17	ug/kg	U			1786786	267465.2	-118.70632
SL-837-SA5A-SB-0.0-0.5	5/30/2013	N	0	0.5	ft	SO	5A DG		7076734	LL	8270D SIM	6/10/2013	PH043	4.6		1 218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786583	266975.6	-118.70698
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 50-32-8	BENZO(A)PYRENE	7.5	J	6.9	17	ug/kg	J	J	Z	1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 53-70-3	DIBENZO(A,H)ANTHRACENE	17	U	6.9	17	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 56-55-3	BENZO(A)ANTHRACENE	17	U	6.9	17	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	17	U	6.9	17	ug/kg	U			1786786	267465.2	-118.70632
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8		10 83-32-9	ACENAPHTHENE	17	U	6.9	17	ug/kg	U			1786786	267465.2	-118.70632
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 1746-01-6	2,3,7,8-TCDD	0.0288	J	0.0230	0.983	ng/kg	JQ	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 19408-74-3	1,2,3,7,8-9-HEXACHLORODIBENZO-P-DIOXIN	0.21	J	0.0349	4.91	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 3268-87-9	OCDD	114		0.0344	9.83	ng/kg	B			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.45		0.0437	4.91	ng/kg	B			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 39001-02-0	OCDF	1.28	J	0.0262	9.83	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0955	J	0.0327	4.91	ng/kg	JQ	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0489	J	0.0246	4.91	ng/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.983	U	0.0256	0.983	ng/kg	JB	U	B	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 55673-89-7	1,2,3,4,7,8,9-HPCDF	4.91	U	0.0179	4.91	ng/kg	JB	U	B	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 57117-31-4	2,3,4,7,8-PECDF	4.91	U	0.0171	4.91	ng/kg	JBQ	U	B	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.138	J	0.0171	4.91	ng/kg	JB	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 57117-44-9	1,2,3,6,7,8-HXCDF	4.91	U	0.0157	4.91	ng/kg	JBQ	U	B	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.227	J	0.0361	4.91	ng/kg	JQ	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	1613B	6/29/2013	PH061	2.9		1 60851-34-5	2,3,4,6,7,8-HXCDF	0.0594	J	0								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8015M	6/25/2013	PH061	2.9		1	PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8015M	6/25/2013	PH061	2.9		1	PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8015M	6/25/2013	PH061	2.9		1	PHCC21C30	EFH (C21-C30)	8.4		2.1	5.1	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8015M	6/25/2013	PH061	2.9		1	PHCC30C40	EFH (C30-C40)	18		4.1	10	mg/kg				1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8015M	6/25/2013	PH061	2.9		1	PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	6.4	J	6.1	18	ug/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	129-00-0	PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	205-99-2	BENZO(B)FLUORANTHENE	1	J	0.68	1.7	ug/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	218-01-9	Chrysene	0.35	J	0.34	1.7	ug/kg	J	J	Z	1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	50-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	83-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	84-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	85-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	86-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	91-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	8270D SIM	6/29/2013	PH061	2.9		1	91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786914	267462.9	-118.70589
SL-867-SA5A-SB-3.5-4.5	6/20/2013	N	3.5	4.5	ft	SO	5A DG		7102687	LL	9045M	6/24/2013	PH061	2.9		1	pH	PH	6.19		0.0100	0.0100	pH unit				1786914	267462.9	-118.70589
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	160.3M	6/25/2013	PH061	0.66		1	MOIST	MOISTURE	0.66		0.10	0.10	%				1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	1746-01-6	2,3,7,8-TCDD	0.167	J	0.0294	1.00	ng/kg	JB	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	2.48	J	0.0659	5.00	ng/kg	JB	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	3268-87-9	OCDD	2300		0.0905	10.0	ng/kg	B			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	127		0.135	5.00	ng/kg	B			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	39001-02-0	OCDF	25.8		0.0382	10.0	ng/kg	B			1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.64	J	0.0676	5.00	ng/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.618	J	0.0593	5.00	ng/kg	J	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.218	J	0.0547	1.00	ng/kg	JB	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	0.848	J	0.0431	5.00	ng/kg	JB	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	57117-31-4	2,3,4,7,8-PECDF	0.426	J	0.0404	5.00	ng/kg	JB	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	1613B	6/29/2013	PH061	0.66		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.997	J	0.0416	5.00	ng/kg	JB	J	Z	1786945	267465.9	-118.70579
SL-868-SA5A-SB-0.0-0.5	6/20/2013</																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		13268-87-9	OCDD	19.8	J	0.0218	10.2	ng/kg	B	J	FD, Q	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.67	J	0.0266	5.09	ng/kg	JB	J	FD, Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		139001-02-0	OCDF	1.54	J	0.0221	10.2	ng/kg	JB	J	FD, Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0394	J	0.0233	5.09	ng/kg	JQ	J	FD, Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.09	U	0.0293	5.09	ng/kg	JB	U	B	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	UJ	0.0191	1.02	ng/kg	U	UJ	FD	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.09	UJ	0.0167	5.09	ng/kg	JB	UJ	B, FD	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		157117-31-4	2,3,4,7,8-PECDF	5.09	UJ	0.0133	5.09	ng/kg	JBQ	UJ	B, FD	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.09	U	0.0139	5.09	ng/kg	JBQ	U	B	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		157117-44-9	1,2,3,6,7,8-HXCDF	5.09	UJ	0.0124	5.09	ng/kg	JB	UJ	B, FD	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.259	J	0.0244	5.09	ng/kg	JBQ	J	Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		160851-34-5	2,3,4,6,7,8-HXCDF	5.09	UJ	0.0113	5.09	ng/kg	JBQ	UJ	B, FD	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.466	J	0.0115	5.09	ng/kg	JB	J	FD, Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		170648-26-9	1,2,3,4,7,8-HXCDF	5.09	UJ	0.0124	5.09	ng/kg	JB	UJ	B, FD	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		172918-21-9	1,2,3,7,8,9-HXCDF	5.09	U	0.0146	5.09	ng/kg	JB	U	B	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	1613B	6/18/2013	PH050	2.8		17CDD TEQ	TCDD TEQ	0.194		0	0	ng/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17429-90-5	ALUMINUM (FUME OR DUST)	15000		7.70	40.0	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17439-89-6	IRON	19500		3.80	40.0	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17439-92-1	LEAD	8.56		0.469	3.00	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17439-93-2	LITHIUM	23.8		0.55	4.0	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17439-95-4	MAGNESIUM	4520		1.73	9.99	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17439-96-5	MANGANESE	330		0.0829	0.999	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17439-98-7	MOLYBDENUM	2	U	0.170	2.00	mg/kg	J	U	F, B	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-02-0	NICKEL	15.2		0.110	2.00	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-09-7	POTASSIUM	4040		13.5	99.9	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-23-5	SODIUM	71.7	J	16.7	99.9	mg/kg	J	J	Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-31-5	TIN	9.99	U	0.220	9.99	mg/kg	J	U	B	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-32-6	TITANIUM METAL POWDER	1210		0.170	0.999	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-36-0	ANTIMONY	4	UJ	0.499	4.00	mg/kg	U	UJ	Q	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-38-2	ARSENIC	5.07		0.330	4.00	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-39-3	BARIUM	108		0.0330	0.999	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-41-7	BERYLLIUM	0.644	J	0.0669	0.999	mg/kg	J	J	Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-42-8	BORON	4.78	J	0.829	9.99	mg/kg	J	J	Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-43-9	CADMIUM	0.999	U	0.0330	0.999	mg/kg	U			1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-47-3	CHROMIUM	22.7		0.0879	3.00	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-48-4	COBALT	5.64		0.0899	0.999	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-50-8	COPPER	11.9	J	0.180	2.00	mg/kg	J		A	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-62-2	VANADIUM (FUME OR DUST)	38.3		0.110	0.999	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-66-6	ZINC	64.4		0.200	4.00	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-67-7	ZIRCONIUM	2.94	J	0.829	4.99	mg/kg	J	J	Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17440-70-2	CALCIUM METAL	2490		4.02	20.0	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6010C	6/17/2013	PH050	2.8		17723-14-0	PHOSPHORUS	441		0.509	9.99	mg/kg				1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6020A	6/17/2013	PH050	2.8		27782-49-2	SELENIUM	0.152	J	0.0999	0.400	mg/kg	J	J	Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6020A	6/17/2013	PH050	2.8		27440-22-4	SILVER	0.0441	J	0.0200	0.200	mg/kg	J	J	Z	1787118	267439.2	-118.70522
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	6020A	6/17/2013	PH050	2.8		27440-24-6	STRONTIUM	23.5	J	0.0340	0.400	mg/kg		J	E, Q, A	1787118	267439.2	-118.70522

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.09	U	0.0163	5.09	ng/kg	JB	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		13268-87-9	OCDD	10.2	U	0.0225	10.2	ng/kg	JB	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.09	U	0.0154	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		139001-02-0	OCDF	10.2	U	0.0233	10.2	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.027	J	0.0146	5.09	ng/kg	JQ	J	Z	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.09	U	0.0225	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0185	1.02	ng/kg	U			1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.09	U	0.0108	5.09	ng/kg	JB	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		157117-31-4	2,3,4,7,8-PECDF	5.09	U	0.0177	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.09	U	0.0189	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		157117-44-9	1,2,3,6,7,8-HXCDF	5.09	U	0.0118	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.09	U	0.0157	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		160851-34-5	2,3,4,6,7,8-HXCDF	5.09	U	0.0112	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.09	U	0.00629	5.09	ng/kg	JB	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		170648-26-9	1,2,3,4,7,8-HXCDF	5.09	U	0.0125	5.09	ng/kg	JBQ	U	B	1787194	267554.5	-118.70497	
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	1613B	6/18/2013	PH050	3		172918-21-9	1,2,3,7,8,9-HXCDF	5.09	U	0.0155	5.09	ng/kg	JB	U	B	1787194	267554.5	-118.70497	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2		17440-67-7	ZIRCONIUM	4	J	0.859	5.11	mg/kg	J	J	Z	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2		17440-70-2	CALCIUM METAL	2410			3.42	20.4	mg/kg				1786807	267367.9	-118.70625
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6010C	8/8/2013	PH077	2.2		17723-14-0	PHOSPHORUS	393		2.96	10.2	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6020A	8/8/2013	PH077	2.2		27440-22-4	SILVER	0.057	J	0.0266	0.204	mg/kg	J	J	Z	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6020A	8/8/2013	PH077	2.2		27440-24-6	STRONTIUM	25.5		0.0695	0.409	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6020A	8/8/2013	PH077	2.2		27440-28-0	THALLIUM	0.3		0.0307	0.204	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	6020A	8/8/2013	PH077	2.2		27782-49-2	SELENIUM	0.132	J	0.102	0.409	mg/kg	J	J	Z	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	7471B	8/1/2013	PH077	2.2		17439-97-6	MERCURY	0.0159	U	0.0095	0.0159	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8015M	8/2/2013	PH077	2.2		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8015M	8/2/2013	PH077	2.2		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8015M	8/2/2013	PH077	2.2		1PHCC21C30	EFH (C21-C30)	5.7		2.0	5.1	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8015M	8/2/2013	PH077	2.2		1PHCC30C40	EFH (C30-C40)	20		4.1	10	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8015M	8/2/2013	PH077	2.2		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		111096-82-5	Aroclor 1260	17	U	3.9	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		111097-69-1	Aroclor 1254	17	U	4.4	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		111100-14-4	Aroclor 1268	17	U	3.3	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		111104-28-2	Aroclor 1221	17	U	5.1	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		111126-42-4	Aroclor 5460	33	U	10	33	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		111141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		112672-29-6	Aroclor 1248	17	U	3.3	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		112674-11-2	Aroclor 1016	17	U	3.3	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		137324-23-5	Aroclor 1262	17	U	3.3	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		153469-21-9	Aroclor 1242	17	U	4.1	17	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8082A	8/5/2013	PH077	2.2		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8270D SIM	8/8/2013	PH077	2.2		1117-81-7	BiS(2-ETHYLHEXYL)PHTHALATE	28	U	9.2	28	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8270D SIM	8/8/2013	PH077	2.2		1117-84-0	Di-n-octylphtalate	28	U	9.2	28	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8270D SIM	8/8/2013	PH077	2.2		1120-12-7	ANTHRACENE	2.6	U	0.51	2.6	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8270D SIM	8/8/2013	PH077	2.2		1129-00-0	PYRENE	1.3	J	1.0	2.6	ug/kg	J	J	Z	1786807	267367.9	-118.70625	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude		
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	1613B	8/8/2013	PH077	7.5		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.39	U	0.0194	5.39	ng/kg	JBQ	U	B	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	1613B	8/8/2013	PH077	7.5		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.39	U	0.00973	5.39	ng/kg	JBQ	U	B	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	1613B	8/8/2013	PH077	7.5		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.39	U	0.00724	5.39	ng/kg	JBQ	U	B	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	1613B	8/8/2013	PH077	7.5		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.39	U	0.0101	5.39	ng/kg	JB	U	B	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	1613B	8/8/2013	PH077	7.5		1	72918-21-9	1,2,3,7,8,9-HXCDF	5.39	U	0.0126	5.39	ng/kg	JBQ	U	B	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	1613B	8/8/2013	PH077	7.5		1	TCDD TEQ	TCDD TEQ	0.0185		0	0	ng/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/9/2013	PH077	7.5		1	7440-42-8	BORON	10.4	U	0.873	10.4	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7429-90-5	ALUMINUM (FUME OR DUST)	18700		7.49	41.6	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7439-89-6	IRON	23900		3.76	41.6	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7439-92-1	LEAD	6.35		0.520	3.12	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7439-93-2	LITHIUM	30.3		0.35	4.2	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7439-95-4	MAGNESIUM	4950		1.74	10.4	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7439-96-5	MANGANESE	350	J	0.0863	1.04	mg/kg		J	E	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7439-98-7	MOLYBDENUM	2.08	U	0.177	2.08	mg/kg	J	U	F, B	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-02-0	NICKEL	13.7	J	0.135	2.08	mg/kg		J	A	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-09-7	POTASSIUM	2430		8.67	104	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-23-5	SODIUM	140		17.4	104	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-31-5	TIN	10.4	U	0.229	10.4	mg/kg	J	U	B	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-32-6	TITANIUM METAL POWDER	1170		0.177	1.04	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-36-0	ANTIMONY	4.16	UJ	0.769	4.16	mg/kg	U		UJ	Q	1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-38-2	ARSENIC	4.95		0.728	4.16	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-39-3	BARIUM	91.3		0.0343	1.04	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-41-7	BERYLLIUM	0.753	J	0.0696	1.04	mg/kg	J		J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-43-9	CADMIUM	1.04	U	0.0790	1.04	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-47-3	CHROMIUM	23.7		0.166	3.12	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-48-4	COBALT	6.17	J	0.103	1.04	mg/kg		J	E	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-50-8	VOPPER	14.9		0.301	2.08	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-62-2	CADMIUM (FUME OR DUST)	42.6		0.135	1.04	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-66-6	ZINC	52.6		0.208	4.16	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-67-7	ZIRCONIUM	5.2	U	0.873	5.20	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7440-70-2	CALCIUM METAL	2350		3.47	20.8	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6010C	8/8/2013	PH077	7.5		1	7723-14-0	PHOSPHORUS	267	J	3.00	10.4	mg/kg		J	Q	1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6020A	8/6/2013	PH077	7.5		2	7782-49-2	SELENIUM	0.139	J	0.104	0.416	mg/kg	J		J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6020A	8/6/2013	PH077	7.5		2	7440-22-4	SILVER	0.0451	J	0.0270	0.208	mg/kg	J		J	Z	1786807	267367.9	-118.70625
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6020A	8/6/2013	PH077	7.5		2	7440-24-6	STRONTIUM	19.3		0.0707	0.416	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	6020A	8/6/2013	PH077	7.5		2	7440-28-0	THALLIUM	0.273		0.0312	0.208	mg/kg				1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	7471B	8/1/2013	PH077	7.5		1	7439-97-6	MERCURY	0.0171	U	0.0103	0.0171	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8015M	8/2/2013	PH077	7.5		1	PHCC12C14	EFH (C12-C14)	5.4	U	2.2	5.4	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8015M	8/2/2013	PH077	7.5		1	PHCC15C20	EFH (C15-C20)	5.4	U	2.2	5.4	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8015M	8/2/2013	PH077	7.5		1	PHCC21C30	EFH (C21-C30)	5.4	U	2.2	5.4	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8015M	8/2/2013	PH077	7.5		1	PHCC30C40	EFH (C30-C40)	11	U	4.3	11	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8015M	8/2/2013	PH077	7.5		1	PHCC8C11	EFH (C8-C11)	5.4	U	2.2	5.4	mg/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8015M	7/31/2013	PH077	7.5	26.1	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786807	267367.9	-118.70625		
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8082A	8/5/2013	PH077	7.5		1	11096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1786807	267367.9	-118.70625	
SL-853-SA5A-SB-3.5-4.5	7/29/2013	N	3.5	4.5	ft	SO	5A DG		7143796	LL	8082A	8/5/2013	PH077	7.5		1														

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.523	J	0.203	5.44	ng/kg	JBQ	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		139001-02-0	OCDF	10.9	U	0.201	10.9	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.44	U	0.162	5.44	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.447	J	0.224	5.44	ng/kg	JB	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.204	J	0.143	1.09	ng/kg	JQ	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.44	U	0.139	5.44	ng/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		157117-31-4	2,3,4,7,8-PECDF	5.44	U	0.112	5.44	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.44	U	0.115	5.44	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		157117-44-9	1,2,3,6,7,8-HXCDF	5.44	U	0.115	5.44	ng/kg	JB	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.44	U	0.171	5.44	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		160851-34-5	2,3,4,6,7,8-HXCDF	5.44	U	0.102	5.44	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.477	J	0.111	5.44	ng/kg	JBQ	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		170648-26-9	1,2,3,4,7,8-HXCDF	5.44	U	0.117	5.44	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		172918-21-9	1,2,3,7,8,9-HXCDF	5.44	U	0.120	5.44	ng/kg	JBQ	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	1613B	11/26/2013	PH129	8.9		1TCDD TEQ	TCDD TEQ	0.577		0	0	ng/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17429-90-5	ALUMINUM (FUME OR DUST)	13300	J	7.91	43.9	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17439-89-6	IRON	19400		3.97	43.9	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17439-92-1	LEAD	6.02		0.549	3.29	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17439-93-2	LITHIUM	26.1		0.37	4.4	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17439-95-4	MAGNESIUM	5050		1.83	11.0	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17439-96-5	MANGANESE	327		0.0911	1.10	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17439-98-7	MOLYBDENUM	2.2	U	0.187	2.20	mg/kg	J	U	F	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-02-0	NICKEL	9.99		0.143	2.20	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-09-7	POTASSIUM	2820	J	9.15	110	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-23-5	SODIUM	135		18.3	110	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-31-5	TIN	11	U	0.241	11.0	mg/kg	J	U	B	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-32-6	TITANIUM METAL POWDER	1200		0.187	1.10	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-36-0	ANTIMONY	4.39	UJ	0.812	4.39	mg/kg	U	UJ	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-38-2	ARSENIC	6.06		0.768	4.39	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-39-3	BARIUM	78		0.0362	1.10	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-41-7	BERYLLIUM	0.513	J	0.0735	1.10	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-42-8	BORON	2.38	J	0.922	11.0	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-43-9	CADMIUM	1.1	U	0.0834	1.10	mg/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-47-3	CHROMIUM	19.5		0.176	3.29	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-48-4	COBALT	4.84		0.109	1.10	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-50-8	COPPER	9.27		0.318	2.20	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-62-2	VANADIUM (FUME OR DUST)	34.2		0.143	1.10	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-66-6	ZINC	53.2		0.220	4.39	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-67-7	ZIRCONIUM	2.81	J	0.922	5.49	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17440-70-2	CALCIUM METAL	7570	J	3.67	22.0	mg/kg		J	E	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6010C	11/26/2013	PH129	8.9		17723-14-0	PHOSPHORUS	366	J	3.17	11.0	mg/kg		J	Q	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6020A	11/27/2013	PH129	8.9		27440-22-4	SILVER	0.0687	J	0.0285	0.220	mg/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6020A	11/27/2013	PH129	8.9		27440-24-6	STRONTIUM	15.7		0.0746	0.439	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6020A	11/27/2013	PH129	8.9		27440-28-0	THALLIUM	0.249		0.0329	0.220	mg/kg				1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	6020A	11/27/2013	PH129	8.9		27782-49-2	SELENIUM	0.314	J	0.110</								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		183-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		184-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		184-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		185-01-8	PHENANTHRENE	1	J	0.73	1.8	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		186-73-7	FLUORENE	1.8	U	0.73	1.8	ug/kg	U			1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		190-12-0	1-METHYLNAPHTHALENE	0.74	J	0.73	1.8	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		191-20-3	NAPHTHALENE	1.6	J	0.73	1.8	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	8270D SIM	11/26/2013	PH129	8.9		191-57-6	2-METHYLNAPHTHALENE	1.2	J	0.73	1.8	ug/kg	J	J	Z	1785361	267600.5	-118.71103
SL-508-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279101	LL	9045M	11/15/2013	PH129	8.9		1pH	PH	7.4		0.0100	0.0100	pH unit				1785361	267600.5	-118.71103
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	160.3M	11/26/2013	PH131	2		1MOIST	MOISTURE	2		0.10	0.10	%				1786090	267710.9	-118.70863
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		184-66-2	DIETHYL PHTHALATE	19	U	6.5	19	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		184-74-2	Di-n-butylphthalate	19	U	6.5	19	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		185-01-8	PHENANTHRENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.5	19	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		186-73-7	FLUORENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		191-20-3	NAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	9045M	11/13/2013	PH126	7.3		1pH	PH	7.9		0.0100	0.0100	pH unit				1785828	267382.4	-118.70949
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	160.3M	11/19/2013	PH128	1.9		1MOIST	MOISTURE	1.9		0.10	0.10	%				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		11746-01-6	2,3,7,8-TCDD	0.0396	J	0.0349	0.988	ng/kg	JQ	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.569	J	0.0388	4.94	ng/kg	JB	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		13268-87-9	OCDD	159		0.0451	9.88	ng/kg	B			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	13		0.0401	4.94	ng/kg	B			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		139001-02-0	OCDF	6.63	J	0.0360	9.88	ng/kg	JB	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.12	J	0.0405	4.94	ng/kg	JQ	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.94	U	0.0400	4.94	ng/kg	JBQ	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.119	J	0.0516	0.988	ng/kg	JQ	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.264	J	0.0557	4.94	ng/kg	JBQ	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		157117-31-4	2,3,4,7,8-PECDF	4.94	U	0.0235	4.94	ng/kg	JB	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.584	J	0.0235	4.94	ng/kg	JB	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		157117-44-9	1,2,3,6,7,8-HXCDF	4.94	U	0.0270	4.94	ng/kg	JB	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.739	J	0.0410	4.94	ng/kg	J	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		160851-34-5	2,3,4,6,7,8-HXCDF	4.94	U	0.0287	4.94	ng/kg	JB	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		167562-39-4	1,2,3,4,6,7,8-HPCDF	2.54	J	0.0417	4.94	ng/kg	JB	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		170648-26-9	1,2,3,4,7,8-HXCDF	4.94	U	0.0301	4.94	ng/kg	JB	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		172918-21-9	1,2,3,7,8,9-HXCDF	4.94	U	0.0319	4.94	ng/kg	JBQ	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	1613B	11/25/2013	PH128	1.9		1TCDD TEQ	TCDD TEQ	0.489		0	0	ng/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	6010C	11/24/2013	PH128	1.9		17429-90-5	ALUMINUM (FUME OR DUST)	16100		7.21	40.0	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	6010C	11/24/2013	PH128	1.9		17439-89-6	IRON	22800	J	3.62	40.0	mg/kg		J	A	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	6010C	11/24/2013	PH128	1.9		17439-92-1	LEAD	9.53		0.500	3.00	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	6010C	11/24/2013	PH128	1.9		17439-93-2	LITHIUM	25.1		0.34	4.0	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	6010C	11/24/2013	PH128	1.9		17439-95-4	MAGNESIUM	4840		1.67	9.99	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	6010C	11/24/2013	PH128	1.9		17439-96-5	MANGANE											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8082A	11/22/2013	PH128	1.9		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8082A	11/22/2013	PH128	1.9		112672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8082A	11/22/2013	PH128	1.9		112674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8082A	11/22/2013	PH128	1.9		137324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8082A	11/22/2013	PH128	1.9		153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8082A	11/22/2013	PH128	1.9		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1120-12-7	ANTHRACENE	4.9		0.34	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1129-00-0	PYRENE	33		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1191-24-2	BENZO(G,H,I)PERYLENE	80		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1192-97-2	Benzo(e)pyrene	87		3.4	17	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1193-39-5	INDENO(1,2,3-CD)PYRENE	90		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1205-99-2	BENZO(B)FLUORANTHENE	150		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1206-44-0	FLUORANTHENE	39		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1207-08-9	BENZO(K)FLUORANTHENE	52		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		1208-96-8	ACENAPHTHYLENE	1.5	J	0.34	1.7	ug/kg	J	J	Z	1785651	267151.3	-118.71006
SL-840-SA5A-SB-0.0-0.5	5/31/2013	N	0	0.5	ft	SO	5A DG		7078557	LL	8270D SIM	6/10/2013	PH044	11.6		1218-01-9	Chrysene	5.7		0.38	1.9	ug/kg				1796680	266858.6	-118.70666
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		150-32-8	BENZO(A)PYRENE	98		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		153-70-3	DIBENZO(A,H)ANTHRACENE	20		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		156-55-3	BENZO(A)ANTHRACENE	48		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		185-01-8	PHENANTHRENE	10		0.68	1.7	ug/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		190-12-0	1-METHYLNAPHTHALENE	0.75	J	0.68	1.7	ug/kg	J	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		191-20-3	NAPHTHALENE	1.3	J	0.68	1.7	ug/kg	J	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	8270D SIM	11/25/2013	PH128	1.9		191-57-6	2-METHYLNAPHTHALENE	1.3	J	0.68	1.7	ug/kg	J	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7276995	LL	9045M	11/14/2013	PH128	1.9		1pH	PH	7.5		0.0100	0.0100	pH unit				1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	160.3M	11/19/2013	PH128	3.3		1MOIST	MOISTURE	3.3		0.10	0.10	%				1785651	267151.3	-118.71006
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1117-84-0	Di-n-octylphthalate	19	U	6.5	19	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1129-00-0	PYRENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1131-11-3	DIMETHYL PHTHALATE	19	U	6.5	19	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1192-97-2	Benzo(e)pyrene	18	U	3.6	18	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1206-44-0	FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-6.5-7.5	11/12/2013	N	6.5	7.5	ft	SO	5A DG		7275660	LL	8270D SIM	11/22/2013	PH126	7.3		1218-01-9	Chrysene											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	6020A	11/26/2013	PH128	11.3		2	7782-49-2	SELENIUM	0.442	U	0.111	0.442	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	6020A	11/26/2013	PH128	11.3		2	7440-22-4	SILVER	0.0629	J	0.0287	0.221	mg/kg	J	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	6020A	11/26/2013	PH128	11.3		2	7440-24-6	STRONTIUM	26.6	J	0.0752	0.442	mg/kg		J	Q	1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	6020A	11/26/2013	PH128	11.3		2	7440-28-0	THALLIUM	0.24		0.0332	0.221	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	7471B	11/25/2013	PH128	11.3		1	7439-97-6	MERCURY	0.011	J	0.0107	0.0178	mg/kg	J	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8015M	11/22/2013	PH128	11.3		1	PHCC12C14	EFH (C12-C14)	5.5	U	2.2	5.5	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8015M	11/22/2013	PH128	11.3		1	PHCC15C20	EFH (C15-C20)	5.5	U	2.2	5.5	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8015M	11/22/2013	PH128	11.3		1	PHCC21C30	EFH (C21-C30)	5.5	U	2.2	5.5	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8015M	11/22/2013	PH128	11.3		1	PHCC30C40	EFH (C30-C40)	11	U	4.4	11	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8015M	11/22/2013	PH128	11.3		1	PHCC8C11	EFH (C8-C11)	5.5	U	2.2	5.5	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8015M	11/21/2013	PH128	11.3	23.72	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785732	267079.7	-118.7098	
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	11096-82-5	Aroclor 1260	19	U	4.4	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	11097-69-1	Aroclor 1254	19	U	4.9	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	11100-14-4	Aroclor 1268	19	U	3.7	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	11104-28-2	Aroclor 1221	19	U	5.7	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	11126-42-4	Aroclor 5460	37	U	11	37	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	11141-16-5	Aroclor 1232	19	U	4.6	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	12642-23-8	Aroclor 5442	37	U	11	37	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	12672-29-6	Aroclor 1248	19	U	3.7	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	12674-11-2	Aroclor 1016	19	U	3.7	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	37324-23-5	Aroclor 1262	19	U	3.7	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	53469-21-9	Aroclor 1242	19	U	4.6	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8082A	11/22/2013	PH128	11.3		1	63496-31-1	Aroclor 5432	37	U	11	37	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.7	20	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	117-84-0	Di-n-octylphthalate	20	U	6.7	20	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	120-12-7	ANTHRACENE	1.9	U	0.37	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	129-00-0	PYRENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	131-11-3	DIMETHYL PHTHALATE	20	U	6.7	20	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	191-24-2	BENZO(C,H,I)PERYLENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	192-97-2	Benzo(e)pyrene	19	U	3.7	19	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	205-99-2	BENZO(B)FLUORANTHENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	206-44-0	FLUORANTHENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	207-08-9	BENZO(K)FLUORANTHENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	208-96-8	ACENAPHTHYLENE	1.9	U	0.37	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	218-01-9	Chrysene	0.43	J	0.37	1.9	ug/kg	J	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	50-32-8	BENZO(A)PYRENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	56-55-3	BENZO(A)ANTHRACENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	83-32-9	ACENAPHTHENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	84-66-2	DIETHYL PHTHALATE	20	U	6.7	20	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	84-74-2	Di-n-butylphthalate	20	U	6.7	20	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	85-01-8	PHENANTHRENE	1.9	U	0.75	1.9	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277006	LL	8270D SIM	11/26/2013	PH128	11.3		1	85-68-7	BENZYL BUTYL PHTHALATE	20	U	6.7	20	ug/kg	U			1785732		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-36-0	ANTIMONY	4.32	UJ	0.799	4.32	mg/kg	U	UJ	Q	1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-38-2	ARSENIC	5.52		0.756	4.32	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-39-3	BARIUM	66.7		0.0356	1.08	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-41-7	BERYLLIUM	0.626	J	0.0723	1.08	mg/kg	J	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-42-8	BORON	1.94	J	0.907	10.8	mg/kg	J	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-43-9	CADMIUM	1.08	U	0.0821	1.08	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-47-3	CHROMIUM	19.3		0.173	3.24	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-48-4	COBALT	3.24		0.107	1.08	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-50-8	COPPER	9.84		0.313	2.16	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-62-2	VANADIUM (FUME OR DUST)	39.4		0.140	1.08	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-66-6	ZINC	37.8		0.216	4.32	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-67-7	ZIRCONIUM	4.1	J	0.907	5.40	mg/kg	J	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17440-70-2	CALCIUM METAL	2330		3.61	21.6	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	6010C	11/24/2013	PH128	9.2		17723-14-0	PHOSPHORUS	140		3.12	10.8	mg/kg				1785732	267079.7	-118.7098
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		17146-01-6	2,3,7,8-TCDD	0.0659	J	0.0605	1.03	ng/kg	JQ	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		179408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.42	J	0.0397	5.17	ng/kg	JBQ	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		13268-87-9	OCDD	269		0.0350	10.3	ng/kg	B			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	24.7		0.0501	5.17	ng/kg	B			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		139001-02-0	OCDF	22.1		0.0240	10.3	ng/kg	B			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.17	U	0.0409	5.17	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.17	U	0.0461	5.17	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.03	U	0.0573	1.03	ng/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.29	J	0.0226	5.17	ng/kg	JB	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		157117-31-4	2,3,4,7,8-PECDF	5.17	U	0.0248	5.17	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.17	U	0.0273	5.17	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		157117-44-9	1,2,3,6,7,8-HXCDF	5.17	U	0.0268	5.17	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.755	J	0.0437	5.17	ng/kg	JBQ	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7		160851-34-5	2,3,4,6,7,8-HXCDF	5.17	U	0.0252	5.17	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17429-90-5	ALUMINIUM (FUME OR DUST)	12600		8.06	44.7	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17439-89-6	IRON	20600		4.05	44.7	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17439-92-1	LEAD	6.04		0.559	3.35	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17439-93-2	LITHIUM	16.7		0.38	4.5	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17439-95-4	MAGNESIUM	3650		1.87	11.2	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17439-96-5	MANGANESE	130		0.0928	1.12	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17439-98-7	MOLYBDENUM	2.24	U	0.190	2.24	mg/kg	J	U	F	1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-02-0	NICKEL	3.73		0.145	2.24	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-09-7	POTASSIUM	1420		9.32	112	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-23-5	SODIUM	134		18.7	112	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-31-5	TIN	11.2	U	0.246	11.2	mg/kg	J	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-32-6	TITANIUM METAL POWDER	1030		0.190	1.12	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-36-0	ANTIMONY	4.47	UJ	0.827	4.47	mg/kg	U	UJ	Q	1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-38-2	ARSENIC	6.53		0.783	4.47	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-39-3	BARIUM	59.9		0.0369	1.12	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-41-7	BERYLLIUM	0.57	J	0.0749	1.12	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	6010C	12/3/2013	PH132	12.3		17440-42-8	BORON	2.53	J	0.939	11.2	mg/kg	J	J	Z	17853		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	131-11-3	DIMETHYL PHTHALATE	21	U	6.8	21	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	191-24-2	BENZO(G,H,I)PERYLENE	19	U	0.76	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	192-97-2	Benzo(e)pyrene	19	U	3.8	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	U	0.76	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	205-99-2	BENZO(B)FLUORANTHENE	1.9	U	0.76	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	206-44-0	FLUORANTHENE	1.9	U	0.76	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	207-08-9	BENZO(K)FLUORANTHENE	1.9	U	0.76	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.38	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	218-01-9	Chrysene	1.9	U	0.38	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	50-32-8	BENZO(A)PYRENE	1.9	U	0.76	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.76	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	56-55-3	BENZO(A)ANTHRACENE	1.9	U	0.76	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.9	U	0.76	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	83-32-9	ACENAPHTHENE	1.9	U	0.76	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	84-66-2	DIETHYL PHTHALATE	21	U	6.8	21	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	84-74-2	Di-n-butylphthalate	21	U	6.8	21	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	85-01-8	PHENANTHRENE	1.9	U	0.76	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	85-68-7	BENZYL BUTYL PHTHALATE	21	U	6.8	21	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	86-73-7	FLUORENE	1.9	U	0.76	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	90-12-0	1-METHYLNAPHTHALENE	1.9	U	0.76	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	91-20-3	NAPHTHALENE	1.9	U	0.76	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	8270D SIM	12/5/2013	PH132	12.3	1	91-57-6	2-METHYLNAPHTHALENE	1.9	U	0.76	1.9	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	9045M	11/21/2013	PH132	12.3	1	pH	PH	6.48		0.0100	0.0100	pH unit				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	160.3M	11/28/2013	PH132	9.6	1	MOIST	MOISTURE	9.6		0.10	0.10	%				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	4.71	J	0.0199	5.17	ng/kg	JB	U	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.17	U	0.0276	5.17	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.17	U	0.0232	5.17	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	1613B	12/6/2013	PH132	4.7	1	TCDD TEQ	TCDD TEQ	0.477		0	0	ng/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	1746-01-6	2,3,7,8-TCDD	2.24	U	0.176	2.24	ng/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.49	J	0.0461	11.2	ng/kg	JB	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	3268-87-9	OCDF	7.55	J	0.0392	22.4	ng/kg	JB	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.06	J	0.0568	11.2	ng/kg	JB	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	39001-02-0	OCDF	0.789	J	0.0561	22.4	ng/kg	JB	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	11.2	U	0.0502	11.2	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	11.2	U	0.0824	11.2	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	2.24	U	0.154	2.24	ng/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	11.2	U	0.0242	11.2	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	57117-31-4	2,3,4,7,8-PECDF	11.2	U	0.0469	11.2	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	11.2	U	0.0520	11.2	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	57117-44-9	1,2,3,6,7,8-HXCDF	11.2	U	0.0358	11.2	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.335	J	0.0493	11.2	ng/kg	JBQ	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	1613B	12/6/2013	PH132	10.9	1	60851-34-5	2,3,4,6,7,8-HXCDF	11.2	U	0.0337	11.2	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6	1	7429-90-5	ALUMINUM (FUME OR DUST)	10900		7.90	43.8	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6	1	7439-89-6	IRON	17300		3.96	43.8	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-23-5	SODIUM	103		16.8	101	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-31-5	TIN	10.1	U	0.222	10.1	mg/kg	J	U	B	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-32-6	TITANIUM METAL POWDER	1180		0.172	1.01	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-36-0	ANTIMONY	4.04	UJ	0.747	4.04	mg/kg	U	UJ	Q	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-38-2	ARSENIC	4.96		0.706	4.04	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-39-3	BARIUM	104		0.0333	1.01	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-41-7	BERYLLIUM	0.601	J	0.0676	1.01	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-42-8	BORON	4.55	J	0.848	10.1	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-43-9	CADMIUM	1.01	U	0.0767	1.01	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-47-3	CHROMIUM	21.7		0.161	3.03	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-48-4	COBALT	6.01		0.0999	1.01	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-50-8	COPPER	14.9		0.293	2.02	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-62-2	VANADIUM (FUME OR DUST)	36.5		0.131	1.01	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-66-6	ZINC	59		0.202	4.04	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-67-7	ZIRCONIUM	2.15	J	0.848	5.04	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17440-70-2	CALCIUM METAL	2440		3.37	20.2	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6010C	12/9/2013	PH133	4.7		17723-14-0	PHOSPHORUS	335	J	2.92	10.1	mg/kg		J	Q	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6020A	12/9/2013	PH133	4.7		27782-49-2	SELENIUM	0.154	J	0.101	0.404	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6020A	12/9/2013	PH133	4.7		27440-22-4	SILVER	0.0654	J	0.0262	0.202	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6020A	12/9/2013	PH133	4.7		27440-24-6	STRONTIUM	20.6		0.0686	0.404	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	6020A	12/9/2013	PH133	4.7		27440-28-0	THALLIUM	0.271		0.0303	0.202	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	7471B	12/7/2013	PH133	4.7		17439-97-6	MERCURY	0.0113	J	0.0103	0.0171	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8015M	12/5/2013	PH133	4.7		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8015M	12/5/2013	PH133	4.7		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8015M	12/5/2013	PH133	4.7		1PHCC21C30	EFH (C21-C30)	9.8		2.1	5.2	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8015M	12/5/2013	PH133	4.7		1PHCC30C40	EFH (C30-C40)	28		4.2	10	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8015M	12/5/2013	PH133	4.7		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		111097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		111100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		111104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		111141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		112672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		112674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		153469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8082A	12/4/2013	PH133	4.7		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1129-00-0	PYRENE	3.9	J	0.70	1.7	ug/kg		J	L	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1191-24-2	BENZO(G,H,I)PERYLENE	1.6	J	0.70	1.7	ug/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290758	LL	8270D SIM	12/14/2013	PH133	4.7		1192-97-2	Benzo(e)pyrene	5.1	J	3.5	18							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	1613B	12/12/2013	PH133	9.5		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.38	U	0.0197	5.38	ng/kg	JBQ	U	B	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	1613B	12/12/2013	PH133	9.5		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.38	U	0.0298	5.38	ng/kg	JBQ	U	B	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	1613B	12/12/2013	PH133	9.5		1	72918-21-9	1,2,3,7,8,9-HXCDF	0.0647	J	0.0273	5.38	ng/kg	JQ	J	Z	1785955	267194.2	-118.70906
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	87-68-3	HEXACHLORO-1,3-BUTADIENE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	95-47-6	O-XYLENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	95-49-8	2-CHLOROTOLUENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	95-50-1	1,2-DICHLOROBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	95-63-6	1,2,4-TRIMETHYLBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	96-12-8	1,2-Dibromo-3-Chloropropane	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	96-18-4	1,2,3-Trichloropropane	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	98-06-6	TERT-BUTYLBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	98-82-8	Isopropylbenzene	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	99-87-6	CYMENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	994-05-8	Tert-Amyl-Methyl-Ether	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B SIM	11/25/2013	PH129	9.2	21.97	123-91-1	1,4-DIOXANE	15	U	4.8	15	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		110-91-8	MORPHOLINE	22	U	22	22	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	UJ	6.6	20	ug/kg	U	UJ	L	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		117-84-0	Di-n-octylphthalate	20	UJ	6.6	20	ug/kg	U	UJ	L	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		129-00-0	PYRENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		192-97-2	Benzo(e)pyrene	19	UJ	3.6	19	ug/kg	U	UJ	L	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		1205-99-2	BENZO(B)FLUORANTHENE	1.9	J	0.73	1.8	ug/kg		J	FD	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		1206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		1218-01-9	Chrysene	0.65	J	0.36	1.8	ug/kg	J	J	Z	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		150-32-8	BENZO(A)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		183-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		184-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		184-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		185-01-8	PHENANTHRENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		186-73-7	FLUORENE	1.8	U	0.73	1.8	ug/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		190-12-0	1-METHYLNAPHTHALENE	1.2	J	0.73	1.8	ug/kg	J	J	FD, Z	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		191-20-3	NAPHTHALENE	1.3	J	0.73	1.8	ug/kg	J	J	Z	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8270D SIM	11/26/2013	PH129	9.2		191-57-6	2-METHYLNAPHTHALENE	1.4	J	0.73	1.8	ug/kg	J	J	FD, Z	1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8315A	11/21/2013	PH129	9.2		150-00-0	FORMALDEHYDE	13000		1300	2200	ug/kg				1785404	267503.8	-118.71089	
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	9045M	11/15/2013	PH129	9.2		1pH	PH	7.86		0.0100	0.0100	pH unit				1785404	267503.8	-118.71089	
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	160.3M	11/19/2013	PH129	10		1	MOIST	MOISTURE	10		0.10	0.10	%				1785404	267503.8	-118.71089
SL-518-SA5																													

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17440-47-3	CHROMIUM	20.6		0.173	3.24	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17440-48-4	COBALT	4.45		0.107	1.08	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17440-50-8	COPPER	7.21		0.313	2.16	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17440-62-2	VANADIUM (FUME OR DUST)	46.4		0.140	1.08	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17440-66-6	ZINC	43.1		0.216	4.31	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17440-67-7	ZIRCONIUM	4.06	J	0.906	5.39	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17440-70-2	CALCIUM METAL	3400	J	3.60	21.6	mg/kg		J	E	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6010C	11/26/2013	PH129	10		17723-14-0	PHOSPHORUS	233	J	3.12	10.8	mg/kg		J	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6020A	11/27/2013	PH129	10		27440-22-4	SILVER	0.055	J	0.0280	0.216	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6020A	11/27/2013	PH129	10		27440-24-6	STRONTIUM	25.2		0.0734	0.431	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6020A	11/27/2013	PH129	10		27440-28-0	THALLIUM	0.233		0.0324	0.216	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	6020A	11/27/2013	PH129	10		27782-49-2	SELENIUM	0.208	J	0.108	0.431	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	7199	11/26/2013	PH129	10		118540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	0.44	J	0.16	0.45	mg/kg	J	J	E, Q, Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	7471B	11/26/2013	PH129	10		17439-97-6	MERCURY	0.0181	U	0.0109	0.0181	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8015M	11/23/2013	PH129	10		1PHCC12C14	EFH (C12-C14)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8015M	11/23/2013	PH129	10		1PHCC15C20	EFH (C15-C20)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8015M	11/23/2013	PH129	10		1PHCC21C30	EFH (C21-C30)	7.9		2.2	5.6	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8015M	11/23/2013	PH129	10		1PHCC30C40	EFH (C30-C40)	15		4.4	11	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8015M	11/23/2013	PH129	10		1PHCC8C11	EFH (C8-C11)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8015M	11/21/2013	PH129	10	24.8	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		111096-82-5	Aroclor 1260	19	U	4.3	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		111097-69-1	Aroclor 1254	19	U	4.8	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		111100-14-4	Aroclor 1268	19	U	3.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		111104-28-2	Aroclor 1221	19	U	5.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		111126-42-4	Aroclor 5460	36	U	11	36	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		111141-16-5	Aroclor 1232	19	U	4.5	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		112642-23-8	Aroclor 5442	36	U	11	36	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		112672-29-6	Aroclor 1248	19	U	3.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		112674-11-2	Aroclor 1016	19	U	3.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		137324-23-5	Aroclor 1262	19	U	3.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		153469-21-9	Aroclor 1242	19	U	4.5	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8082A	11/26/2013	PH129	10		163496-31-1	Aroclor 5432	36	U	11	36	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	100-41-4	ETHYLBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	100-42-5	STYRENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	10061-01-5	CIS-1,3-DICHLOROPROPENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	10061-02-6	TRANS-1,3-DICHLOROPROPENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	103-65-1	N-PROPYLBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	104-51-8	N-BUTYLBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	106-43-4	4-CHLOROTOLUENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	106-46-7	1,4-DICHLOROBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	106-93-4	1,2-DIBROMOETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	107-02-8	ACROLEIN	110	U	21	110	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	107-06-2	1,2-DICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	107-13-1	ACRYLONITRILE	21	U	4	21	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	108-05-4	VINYL ACETATE	11	U	2	11	ug/kg	U			1785404	267503.8	-118.71089
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5																				

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1117-84-0	Di-n-octylphthalate	18	U	6.2	18	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1120-12-7	ANTHRACENE	1.7	UJ	0.34	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1129-00-0	PYRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1131-11-3	DIMETHYL PHTHALATE	18	U	6.2	18	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1192-97-2	Benzo(e)pyrene	1.7	UJ	3.4	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1205-99-2	BENZO(B)FLUORANTHENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1206-44-0	FLUORANTHENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1207-08-9	BENZO(K)FLUORANTHENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1208-96-8	ACENAPHTHYLENE	1.7	UJ	0.34	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		1218-01-9	Chrysene	1.7	UJ	0.34	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		150-32-8	BENZO(A)PYRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		156-55-3	BENZO(A)ANTHRACENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		184-66-2	DIETHYL PHTHALATE	18	U	6.2	18	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		184-74-2	Di-n-butylphthalate	18	U	6.2	18	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		185-01-8	PHENANTHRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.2	18	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	8270D SIM	11/22/2013	PH126	2.5		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	9045M	11/13/2013	PH126	2.5	1pH	PH	7.76		0.0100	0.0100	pH unit				1785828	267382.4	-118.70949	
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	160.3M	11/19/2013	PH128	4.3		1MOIST	MOISTURE	4.3		0.10	0.10	%				1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		11746-01-6	2,3,7,8-TCDD	1	U	0.0643	1.00	ng/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.417	J	0.0450	5.00	ng/kg	JB	J	Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		13268-87-9	OCDD	27.7	J	0.0419	10.0	ng/kg	B	J	FD	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	2.72	J	0.0503	5.00	ng/kg	JB	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		139001-02-0	OCDF	1.79	J	0.0486	10.0	ng/kg	JB	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.24	J	0.0481	5.00	ng/kg	JQ	J	Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5	UJ	0.0594	5.00	ng/kg	JBQ	UJ	B, FD	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1	UJ	0.0601	1.00	ng/kg	U	UJ	FD	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.304	J	0.0367	5.00	ng/kg	JB	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		157117-31-4	2,3,4,7,8-PECDF	5	U	0.0329	5.00	ng/kg	JBQ	U	B	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.385	J	0.0328	5.00	ng/kg	JBQ	J	Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		157117-44-9	1,2,3,6,7,8-HXCDF	5	U	0.0359	5.00	ng/kg	JB	U	B	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.39	J	0.0507	5.00	ng/kg	J	J	Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	1613B	11/25/2013	PH128	4.3		160851-34-5	2,3,4,6,7,8-HXCDF	0.296	J	0.0389	5.00	ng/kg	JB	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-6																				

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.2	U	0.0246	5.20	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		160851-34-5	2,3,4,6,7,8-HXCDF	5.2	U	0.0207	5.20	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.2	U	0.00947	5.20	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		170648-26-9	1,2,3,4,7,8-HXCDF	5.2	U	0.0214	5.20	ng/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		172918-21-9	1,2,3,7,8,9-HXCDF	5.2	U	0.0239	5.20	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		1TCDD TEQ	TCDD TEQ	0.000105		0	0	ng/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17429-90-5	ALUMINUM (FUME OR DUST)	20100		7.51	41.7	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17439-89-6	IRON	25900		3.77	41.7	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17439-92-1	LEAD	8.2		0.521	3.13	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17439-93-2	LITHIUM	27.1		0.35	4.2	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17439-95-4	MAGNESIUM	5660		1.74	10.4	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17439-96-5	MANGANESE	235		0.0865	1.04	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17439-98-7	MOLYBDENUM	0.313	J	0.177	2.08	mg/kg	J	J	F	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-02-0	NICKEL	7.86		0.135	2.08	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-09-7	POTASSIUM	1590		8.69	104	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-23-5	SODIUM	129		17.4	104	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-31-5	TIN	10.4	U	0.229	10.4	mg/kg	J	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-32-6	TITANIUM METAL POWDER	1340		0.177	1.04	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-36-0	ANTIMONY	4.17	UJ	0.771	4.17	mg/kg	U	UJ	Q	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-38-2	ARSENIC	7.08		0.730	4.17	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-39-3	BARIUM	87.9		0.0344	1.04	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-41-7	BERYLLIUM	0.814	J	0.0698	1.04	mg/kg	J	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-42-8	BORON	2.91	J	0.875	10.4	mg/kg	J	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-43-9	CADMIUM	0.174	J	0.0792	1.04	mg/kg	J	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-47-3	CHROMIUM	23.4		0.167	3.13	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-48-4	COBALT	5.17		0.103	1.04	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-50-8	COPPER	8.97		0.302	2.08	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-62-2	VANADIUM (FUME OR DUST)	44.7		0.135	1.04	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-66-6	ZINC	51.6		0.208	4.17	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-67-7	ZIRCONIUM	1.24	J	0.875	5.21	mg/kg	J	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17440-70-2	CALCIUM METAL	2880		3.48	20.8	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6010C	12/3/2013	PH135	5		17723-14-0	PHOSPHORUS	295		3.01	10.4	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6020A	12/3/2013	PH135	5		27440-22-4	SILVER	0.208	U	0.0271	0.208	mg/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6020A	12/3/2013	PH135	5		27782-49-2	SELENIUM	0.105	J	0.104	0.417	mg/kg	J	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6020A	12/3/2013	PH135	5		27440-24-6	STRONTIUM	23.1	J	0.0709	0.417	mg/kg		J	Q	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	6020A	12/3/2013	PH135	5		27440-28-0	THALLIUM	0.244		0.0313	0.208	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	7471B	12/3/2013	PH135	5		17439-97-6	MERCURY	0.0134	J	0.010	0.0166	mg/kg	J	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8015M	12/7/2013	PH135	5		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8015M	12/7/2013	PH135	5		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8015M	12/7/2013	PH135	5		1PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8015M	12/7/2013	PH135	5		1PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8015M	12/7/2013	PH135	5		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8015M	12/5/2013	PH135	5	25.15	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8082A	12/9/2013	PH135	5		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8082A	12/9/2013	PH135	5		111097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	8082A	12/9/2013																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	9045M	11/27/2013	PH135	5		1 pH	PH	6.48		0.0100	0.0100	pH unit				1786121	267810.2	-118.70853
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	160.3M	12/6/2013	PH135	3.2		1 MOIST	MOISTURE	3.2		0.10	0.10	%				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 1746-01-6	2,3,7,8-TCDD	1.02	U	0.0742	1.02	ng/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.08	U	0.0464	5.08	ng/kg	JBQ	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 3268-87-9	OCDD	89.2		0.0335	10.2	ng/kg	B			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	8.2		0.0537	5.08	ng/kg	B			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 39001-02-0	OCDF	6.8	J	0.0541	10.2	ng/kg	JB	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.08	U	0.0478	5.08	ng/kg	JBQ	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0589	J	0.0444	5.08	ng/kg	JQ	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0594	1.02	ng/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 55673-89-7	1,2,3,4,7,8,9-HPCDF	5.08	U	0.0267	5.08	ng/kg	JB	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 57117-31-4	2,3,4,7,8-PECDF	5.08	U	0.0270	5.08	ng/kg	JBQ	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.0634	J	0.0275	5.08	ng/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 57117-44-9	1,2,3,6,7,8-HXCDF	5.08	U	0.0348	5.08	ng/kg	JBQ	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.301	J	0.0510	5.08	ng/kg	JB	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 60851-34-5	2,3,4,6,7,8-HXCDF	5.08	U	0.0351	5.08	ng/kg	JB	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 67562-39-4	1,2,3,4,6,7,8-HPCDF	1.91	J	0.0182	5.08	ng/kg	JB	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 70648-26-9	1,2,3,4,7,8-HXCDF	5.08	U	0.0384	5.08	ng/kg	JB	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 72918-21-9	1,2,3,7,8,9-HXCDF	5.08	U	0.0420	5.08	ng/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	1613B	12/13/2013	PH135	3.2		1 TCDD TEQ	TCDD TEQ	0.181		0	0	ng/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7429-90-5	ALUMINUM (FUME OR DUST)	7900		7.37	40.9	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7439-89-6	IRON	15800		3.70	40.9	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7439-92-1	LEAD	4.83		0.511	3.07	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7439-93-2	LITHIUM	14.7		0.35	4.1	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7439-95-4	MAGNESIUM	3350		1.71	10.2	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7439-96-5	MANGANESE	288		0.0849	1.02	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7439-98-7	MOLYBDENUM	2.05	U	0.174	2.05	mg/kg	J	U	F	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-02-0	NICKEL	4.72		0.133	2.05	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-09-7	POTASSIUM	2510		8.53	102	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-23-5	SODIUM	129		17.1	102	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-32-6	TITANIUM METAL POWDER	928		0.174	1.02	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-36-0	ANTIMONY	4.09	UJ	0.757	4.09	mg/kg	U	UJ	Q	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-38-2	ARSENIC	4	J	0.716	4.09	mg/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-39-3	BARIUM	54.8		0.0338	1.02	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-41-7	BERYLLIUM	0.369	J	0.0685	1.02	mg/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-42-8	BORON	2	J	0.859	10.2	mg/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-43-9	CADMIUM	0.241	J	0.0777	1.02	mg/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-47-3	CHROMIUM	12.2		0.164	3.07	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-48-4	COBALT	4.09		0.101	1.02	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-50-8	COPPER	5.35		0.297	2.05	mg/kg				1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	6010C	12/3/2013	PH135	3.2		1 7440-62-2	VANADIUM (FUME OR DUST)	24.5		0.133	1.02	mg/kg				1786254	267824.5	-118.70809
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	8270D SIM	12/16/2013	PH135	3.2		1 205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	8270D SIM	12/16/2013	PH135	3.2		1 206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	8270D SIM	12/16/2013	PH135	3.2		1 207-08-9	BEN											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7439-89-6	IRON	20000		3.87	42.7	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7439-92-1	LEAD	5.83		0.534	3.21	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7439-93-2	LITHIUM	22.2		0.36	4.3	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7439-95-4	MAGNESIUM	4170		1.78	10.7	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7439-96-5	MANGANESE	326		0.0887	1.07	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7439-98-7	MOLYBDENUM	2.14	U	0.182	2.14	mg/kg	J	U	F	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-02-0	NICKEL	12.1		0.139	2.14	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-09-7	POTASSIUM	3600	J	8.91	107	mg/kg		J	Q	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-23-5	SODIUM	120		17.8	107	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-31-5	TIN	10.7	U	0.235	10.7	mg/kg	J	U	B	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-32-6	TITANIUM METAL POWDER	1080		0.182	1.07	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-36-0	ANTIMONY	4.27	UJ	0.791	4.27	mg/kg	U	UJ	Q	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-38-2	ARSENIC	4.68		0.748	4.27	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-39-3	BARIUM	123		0.0353	1.07	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-41-7	BERYLLIUM	0.636	J	0.0716	1.07	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-42-8	BORON	3.65	J	0.897	10.7	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-43-9	CADMIUM	1.07	U	0.0812	1.07	mg/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-47-3	CHROMIUM	18.4		0.171	3.21	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-48-4	COBALT	5.66		0.106	1.07	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-50-8	COPPER	12.2		0.310	2.14	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-62-2	VANADIUM (FUME OR DUST)	34		0.139	1.07	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-66-6	ZINC	57.7		0.214	4.27	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-67-7	ZIRCONIUM	4.14	J	0.897	5.34	mg/kg	J		J	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7440-70-2	CALCIUM METAL	2330	J	3.57	21.4	mg/kg		J	E	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6010C	11/26/2013	PH129	10	1	7723-14-0	PHOSPHORUS	396	J	3.09	10.7	mg/kg		J	Q	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6020A	11/27/2013	PH129	10	2	7440-22-4	SILVER	0.0344	J	0.0278	0.214	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6020A	11/27/2013	PH129	10	2	7440-24-6	STRONTIUM	24.4		0.0726	0.427	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6020A	11/27/2013	PH129	10	2	7440-28-0	THALLIUM	0.277		0.0321	0.214	mg/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	6020A	11/27/2013	PH129	10	2	7782-49-2	SELENIUM	0.157	J	0.107	0.427	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	7199	11/26/2013	PH129	10	1	18540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	0.33	J	0.16	0.45	mg/kg	J	J	FD, E, Q, Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	7471B	11/26/2013	PH129	10	1	7439-97-6	MERCURY	0.0179	U	0.0107	0.0179	mg/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8015M	11/23/2013	PH129	10	1	PHCC12C14	EFH (C12-C14)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8015M	11/23/2013	PH129	10	1	PHCC15C20	EFH (C15-C20)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8015M	11/23/2013	PH129	10	1	PHCC21C30	EFH (C21-C30)	2.5	J	2.2	5.6	mg/kg	J	J	FD, Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8015M	11/23/2013	PH129	10	1	PHCC30C40	EFH (C30-C40)	5.4	J	4.4	11	mg/kg	J	J	FD, Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8015M	11/23/2013	PH129	10	1	PHCC8C11	EFH (C8-C11)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8015M	11/21/2013	PH129	10	25.25	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8082A	11/26/2013	PH129	10	1	11096-82-5	Aroclor 1260	19	U	4.3	19	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8082A	11/26/2013	PH129	10	1	11097-69-1	Aroclor 1254	19	U	4.8	19	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8082A	11/26/2013	PH129	10	1	11100-14-4	Aroclor 1268	19	U	3.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8082A	11/26/2013	PH129	10	1	11104-28-2	Aroclor 1221	19	U	5.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8082A	11/26/2013	PH129	10	1	11126-42-4	Aroclor 5460	36	U	11	36							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6020A	12/2/2013	PH131	2.3		2 7440-22-4	SILVER	0.0312	J	0.0263	0.203	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6020A	12/2/2013	PH131	2.3		2 7440-24-6	STRONTIUM	21.4	J	0.0689	0.405	mg/kg		J	Q, A	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6020A	12/2/2013	PH131	2.3		2 7440-28-0	THALLIUM	0.245		0.0304	0.203	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	7471B	11/28/2013	PH131	2.3		1 7439-97-6	MERCURY	0.0163	U	0.0098	0.0163	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8015M	11/26/2013	PH131	2.3		1 PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8015M	11/26/2013	PH131	2.3		1 PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8015M	11/26/2013	PH131	2.3		1 PHCC21C30	EFH (C21-C30)	5.1	U	2.0	5.1	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8015M	11/26/2013	PH131	2.3		1 PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8015M	11/26/2013	PH131	2.3		1 PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 11096-82-5	Aroclor 1262	17	U	4.0	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8082A	12/1/2013	PH131	2.3		1 63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	13	J	6.1	18	ug/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 129-00-0	PYRENE	1.5	J	0.68	1.7	ug/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 191-24-2	BENZO(G,H,I)PERYLENE	0.71	J	0.68	1.7	ug/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 205-99-2	BENZO(B)FLUORANTHENE	3.9		0.68	1.7	ug/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 206-44-0	FLUORANTHENE	1	J	0.68	1.7	ug/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-842-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075253	LL	8270D SIM	6/10/2013	PH042	1		1 218-01-9	Chrysene	4.4		0.34	1.7	ug/kg				1786822	267092.9	-118.70619
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 50-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 83-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 84-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 85-01-8	PHENANTHRENE	0.76	J	0.68	1.7	ug/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 86-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2013	PH131	2.3		1 90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	8270D SIM	12/4/2																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-39-3	BARIUM	67.8		0.0339	1.03	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-41-7	BERYLLIUM	0.509	J	0.0688	1.03	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-42-8	BORON	10.3	U	0.863	10.3	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-43-9	CADMIUM	1.03	U	0.0781	1.03	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-47-3	CHROMIUM	25.5		0.164	3.08	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-48-4	COBALT	3.88		0.102	1.03	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-50-8	COPPER	5.21		0.298	2.05	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-62-2	VANADIUM (FUME OR DUST)	47.5		0.134	1.03	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-66-6	ZINC	48.2		0.205	4.11	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-67-7	ZIRCONIUM	3.35	J	0.863	5.14	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17440-70-2	CALCIUM METAL	3040		3.43	20.5	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6010C	12/2/2013	PH131	5.5		17723-14-0	PHOSPHORUS	293	J	2.97	10.3	mg/kg		J	Q	1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6020A	12/2/2013	PH131	5.5		27782-49-2	SELENIUM	0.532		0.103	0.411	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6020A	12/2/2013	PH131	5.5		27440-22-4	SILVER	0.205	U	0.0267	0.205	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6020A	12/2/2013	PH131	5.5		27440-24-6	STRONTIUM	21.4	J	0.0699	0.411	mg/kg		J	Q, A	1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	6020A	12/2/2013	PH131	5.5		27440-28-0	THALLIUM	0.251		0.0308	0.205	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	7471B	11/28/2013	PH131	5.5		17439-97-6	MERCURY	0.0216		0.0103	0.0172	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8015M	11/27/2013	PH131	5.5	25.1	GROCS612	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8015M	11/26/2013	PH131	5.5		1PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8015M	11/26/2013	PH131	5.5		1PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8015M	11/26/2013	PH131	5.5		1PHCC21C30	EFH (C21-C30)	5.3	U	2.1	5.3	mg/kg	U			1786356	267590.9	-118.70774
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	7471B	11/21/2013	PH126	1.7		17439-97-6	MERCURY	0.247		0.0096	0.0159	mg/kg				1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015C	11/19/2013	PH126	1.7		164-17-5	ETHANOL	1000	U	200	1000	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015C	11/19/2013	PH126	1.7		167-56-1	METHANOL	480	J	200	1000	ug/kg	J	J	FD, Z, *#	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015C	11/19/2013	PH126	1.7		167-63-0	ISOPROPYL ALCOHOL (MANUFACTURING-STRON	1000	U	200	1000	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015M	11/19/2013	PH126	1.7		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015M	11/19/2013	PH126	1.7		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015M	11/19/2013	PH126	1.7		1PHCC21C30	EFH (C21-C30)	11	J	2.0	5.1	mg/kg		J	FD, Q	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015M	11/19/2013	PH126	1.7		1PHCC30C40	EFH (C30-C40)	40	J	4.1	10	mg/kg		J	FD, Q	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8015M	11/19/2013	PH126	1.7		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8082A	11/22/2013	PH126	1.7		11096-82-5	Aroclor 1260	17	U	3.9	17	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8082A	11/22/2013	PH126	1.7		11097-69-1	Aroclor 1254	23	J	4.4	17	ug/kg		J	FD	1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8082A	11/22/2013	PH126	1.7		11100-14-4	Aroclor 1268	17	U	3.3	17	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8082A	11/22/2013	PH126	1.7		11104-28-2	Aroclor 1221	17	U	5.1	17	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8082A	11/22/2013	PH126	1.7		11126-42-4	Aroclor 5460	33	U	10	33	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8082A	11/22/2013	PH126	1.7		11141-16-5	Aroclor 1232	17	U	4.1	17	ug/kg	U			1785828	267382.4	-118.70949
SL-628-SA5A-SB-0.0-0.5	11/12/2013	N	0	0.5	ft	SO	5A DG		7275655	LL	8082A	11/22/2013	PH126	1.7		112642-23-8	Aroclor 5442	33	U	10	33	ug/kg	U			1785828	267382.4	-118.70949
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	9045M	11/14/2013	PH128	5.7		1pH	PH	7.69		0.0100	0.0100	pH unit				1785719	267118	-118.70984
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	160.3M	11/19/2013	PH128	3.2		1MOIST	MOISTURE	3.2		0.10	0.10	%				1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	1613B	11/25/2013	PH128	3.2		1746-01-6	2,3,7,8-TCDD	1.01	U	0.0432	1.01	ng/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	1613B	11/25/2013	PH128	3.2		19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.428	J	0.0294	5.06	ng/kg	JBQ	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	1613B	11/25/2013	PH128	3.2		13268-87-9	OCDD	1.91	J	0.0318	10.1	ng/kg	JB	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	1613B	11/25/2013	PH128	3.2		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.06	U	0.0286	5.06	ng/kg	JBQ	U	B	1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	1613B	11/25/2013	PH128	3.2		139001-02-0	OCDF	10.1	U	0.0338	10.1	ng/kg	JBQ	U	B	1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	1613B	11/25/2013	PH128	3.2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.06	U	0.0296	5.06	ng/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0																									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	6010C	11/24/2013	PH128	3.2		1 7440-70-2	CALCIUM METAL	2430		3.35	20.1	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	6010C	11/24/2013	PH128	3.2		1 7723-14-0	PHOSPHORUS	345		2.90	10.0	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	6020A	11/26/2013	PH128	3.2		2 7782-49-2	SELENIUM	0.173	J	0.100	0.401	mg/kg	J	J	Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	6020A	11/26/2013	PH128	3.2		2 7440-22-4	SILVER	0.0421	J	0.0261	0.201	mg/kg	J		Z	1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	6020A	11/26/2013	PH128	3.2		2 7440-24-6	STRONTIUM	21	J	0.0682	0.401	mg/kg		J	Q	1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	6020A	11/26/2013	PH128	3.2		2 7440-28-0	THALLIUM	0.291		0.0301	0.201	mg/kg				1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	7471B	11/25/2013	PH128	3.2		1 7439-97-6	MERCURY	0.0169	U	0.0101	0.0169	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8015M	11/22/2013	PH128	3.2		1 PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8015M	11/22/2013	PH128	3.2		1 PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8015M	11/22/2013	PH128	3.2		1 PHCC21C30	EFH (C21-C30)	5.1	U	2.0	5.1	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8015M	11/22/2013	PH128	3.2		1 PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8015M	11/22/2013	PH128	3.2		1 PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		1 11096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		1 11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		1 11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		1 11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		1 11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		1 11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		1 12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		1 12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		1 12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		1 37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		1 53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8082A	11/22/2013	PH128	3.2		1 63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 129-00-0	PYRENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-844-SA5A-SB-0.0-0.5	5/29/2013	N	0	0.5	ft	SO	5A DG		7075256	LL	8270D SIM	6/10/2013	PH042	2.2		1 218-01-9	Chrysene	0.48	J	0.34	1.7	ug/kg	J	J	Z	1786874	267148.9	-118.70602
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 50-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 56-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 83-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 84-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/2013	PH128	3.2		1 85-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1785732	267079.7	-118.7098
SL-658-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277002	LL	8270D SIM	11/25/20																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8082A	11/29/2013	PH132	10.9		153469-21-9	Aroclor 1242	19	U	4.6	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8082A	11/29/2013	PH132	10.9		163496-31-1	Aroclor 5432	37	U	11	37	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	100-41-4	ETHYLBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	100-42-5	STYRENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	10061-01-5	CIS-1,3-DICHLOROPROPENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	10061-02-6	TRANS-1,3-DICHLOROPROPENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	103-65-1	N-PROPYLBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	104-51-8	N-BUTYLBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	106-43-4	4-CHLOROTOLUENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	106-46-7	1,4-DICHLOROBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	106-93-4	1,2-DIBROMOETHANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	107-02-8	ACROLEIN	100	U	20	100	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	107-06-2	1,2-DICHLOROETHANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	107-13-1	ACRYLONITRILE	20	U	4	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	108-05-4	VINYL ACETATE	10	U	2	10	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	108-10-1	4-Methyl-2-Pentanone (MIBK)	10	U	3	10	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	108-20-3	DIISOPROPYL ETHER	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	108-67-8	1,3,5-Trimethylbenzene	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	108-86-1	BROMOBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	108-88-3	TOLUENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	108-90-7	CHLOROBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	110-75-8	2-CHLOROETHYL VINYL ETHER	10	U	2	10	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	120-82-1	1,2,4-TRICHLOROBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	124-48-1	DIBROMOCHLOROMETHANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	127-18-4	TETRACHLOROETHENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	135-98-8	2-PHENYLBUTANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	142-28-9	1,3-DICHLOROPROPANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	156-59-2	CIS-1,2-DICHLOROETHENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	156-60-5	TRANS-1,2-DICHLOROETHENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	1634-04-4	METHYL TERT-BUTYL ETHER	5	U	0.5	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	179601-23-1	M,P-XYLENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	541-73-1	1,3-DICHLOROBENZENE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	544-10-5	1-Chlorohexane	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	56-23-5	CARBON TETRACHLORIDE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	563-58-6	1,1-Dichloropropene	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	591-78-6	2-Hexanone	10	U	3	10	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	594-20-7	2,2-DICHLOROPROPANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	630-20-6	1,1,1,2-TETRACHLOROETHANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	637-92-3	tert-Butyl ethyl ether	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	67-64-1	ACETONE	29		7	20	ug/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	67-66-3	CHLOROFORM	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	71-43-2	BENZENE	5	U	0.5	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	71-55-6	1,1,1-TRICHLOROETHANE	5	U	1	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	74-83-9	BROMOMETHANE	5	U	2	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8260B	11/22/2013	PH132	10.9	0.89	74-87-3	CHLOROMETHANE	5	U	2	5	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO																						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	117-84-0	Di-n-octylphthalate	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	120-12-7	ANTHRACENE	1.8	U	0.37	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	129-00-0	PYRENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	192-97-2	Benzo(e)pyrene	19	U	3.7	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	205-99-2	BENZO(B)FLUORANTHENE	1.1	J	0.74	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	206-44-0	FLUORANTHENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	208-96-8	ACENAPHTHYLENE	1.8	U	0.37	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	218-01-9	Chrysene	0.6	J	0.37	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	50-32-8	BENZO(A)PYRENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	83-32-9	ACENAPHTHENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	84-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	84-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	85-01-8	PHENANTHRENE	0.89	J	0.74	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	85-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	86-73-7	FLUORENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	90-12-0	1-METHYLNAPHTHALENE	0.75	J	0.74	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	91-20-3	NAPHTHALENE	0.88	J	0.74	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	8270D SIM	12/5/2013	PH132	10.9	1	91-57-6	2-METHYLNAPHTHALENE	0.75	J	0.74	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	9045M	11/21/2013	PH132	10.9	1	pH	PH	7.02		0.0100	0.0100	pH unit				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	160.3M	11/28/2013	PH132	12.3	1	MOIST	MOISTURE	12.3		0.10	0.10	%				1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	1613B	12/6/2013	PH132	12.3	1	1746-01-6	2,3,7,8-TCDD	1.13	U	0.0750	1.13	ng/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	1613B	12/6/2013	PH132	12.3	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.64	U	0.0200	5.64	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	1613B	12/6/2013	PH132	12.3	1	3268-87-9	OCDD	11.3	U	0.0186	11.3	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-15.0-16.0	11/19/2013	N	15	16	ft	SO	5A DG		7284468	LL	1613B	12/6/2013	PH132	12.3	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.64	U	0.0194	5.64	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	120-12-7	ANTHRACENE	1.9	U	0.38	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	129-00-0	PYRENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	131-11-3	DIMETHYL PHTHALATE	20	U	6.8	20	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	191-24-2	BENZO(G,H,I)PERYLENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	192-97-2	Benzo(e)pyrene	19	U	3.8	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	205-99-2	BENZO(B)FLUORANTHENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	206-44-0	FLUORANTHENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	207-08-9	BENZO(K)FLUORANTHENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	208-96-8	ACENAPHTHYLENE	1.9	U	0.38	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	218-01-9	Chrysene	1.9	U	0.38	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	50-32-8	BENZO(A)PYRENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.76	1.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14																

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17439-98-7	MOLYBDENUM	2.12	U	0.181	2.12	mg/kg	J	U	F	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-02-0	NICKEL	12		0.138	2.12	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-09-7	POTASSIUM	2650	J	8.86	106	mg/kg		J	Q	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-23-5	SODIUM	102	J	17.7	106	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-31-5	TIN	10.6	U	0.234	10.6	mg/kg	J	U	B	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-32-6	TITANIUM METAL POWDER	1290		0.181	1.06	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-36-0	ANTIMONY	4.25	UJ	0.786	4.25	mg/kg	U	UJ	Q	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-38-2	ARSENIC	5.9		0.744	4.25	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-39-3	BARIUM	97.2		0.0351	1.06	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-41-7	BERYLLIUM	0.674	J	0.0712	1.06	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-42-8	BORON	4.38	J	0.892	10.6	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-43-9	CADMIUM	1.06	U	0.0807	1.06	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-47-3	CHROMIUM	22		0.170	3.19	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-48-4	COBALT	5.32		0.105	1.06	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-50-8	COPPER	15		0.308	2.12	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-62-2	VANADIUM (FUME OR DUST)	41.3		0.138	1.06	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-66-6	ZINC	58.1		0.212	4.25	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-67-7	ZIRCONIUM	2.74	J	0.892	5.31	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17440-70-2	CALCIUM METAL	2480		3.55	21.2	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6010C	12/9/2013	PH133	6.8		17723-14-0	PHOSPHORUS	267	J	3.07	10.6	mg/kg		J	Q	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6020A	12/9/2013	PH133	6.8		27782-49-2	SELENIUM	0.125	J	0.106	0.425	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6020A	12/9/2013	PH133	6.8		27440-22-4	SILVER	0.0846	J	0.0276	0.212	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6020A	12/9/2013	PH133	6.8		27440-24-6	STRONTIUM	21.7		0.0722	0.425	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	6020A	12/9/2013	PH133	6.8		27440-28-0	THALLIUM	0.249		0.0319	0.212	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	7471B	12/7/2013	PH133	6.8		17439-97-6	MERCURY	0.0141	J	0.0101	0.0168	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8015M	12/5/2013	PH133	6.8		1PHCC12C14	EFH (C12-C14)	5.4	U	2.1	5.4	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8015M	12/5/2013	PH133	6.8		1PHCC15C20	EFH (C15-C20)	5.4	U	2.1	5.4	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8015M	12/5/2013	PH133	6.8		1PHCC21C30	EFH (C21-C30)	7		2.1	5.4	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8015M	12/5/2013	PH133	6.8		1PHCC30C40	EFH (C30-C40)	25		4.3	11	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8015M	12/5/2013	PH133	6.8		1PHCC8C11	EFH (C8-C11)	5.4	U	2.1	5.4	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8015M	11/27/2013	PH133	6.8	26.54	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	0.5	J	0.2	1.1	mg/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		111097-69-1	Aroclor 1254	18	U	4.7	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		111100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		111104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		111126-42-4	Aroclor 5460	35	U	11	35	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		111141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		112642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		112672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		112674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		137324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		153469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8082A	12/3/2013	PH133	6.8		163496-31-1	Aroclor 5432	35	U	11	35	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8270D SIM	12/14/2013	PH133	6.8		5117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	97	U	32	97	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8270D SIM	12/14/2013	PH133	6.8		5117-84-0	Di-n-octylphthalate	97	U	32	97	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290755	LL	8270D SIM	12/14/2013	PH133	6.8		5120-12-7	ANTHRACENE	8.9	U	1.8	8.9	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-4.0-5.0																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.48	U	0.0262	5.48	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		157117-44-9	1,2,3,6,7,8-HXCDF	5.48	U	0.0200	5.48	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.48	U	0.0278	5.48	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		160851-34-5	2,3,4,6,7,8-HXCDF	5.48	U	0.0186	5.48	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.48	U	0.0125	5.48	ng/kg	JB	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		170648-26-9	1,2,3,4,7,8-HXCDF	5.48	U	0.0206	5.48	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		172918-21-9	1,2,3,7,8,9-HXCDF	5.48	U	0.0175	5.48	ng/kg	JBQ	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	1613B	12/6/2013	PH132	9.6		17CDD TEQ	TCDD TEQ	0.0342		0	0	ng/kg				1785346	267516.2	-118.71108
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17429-90-5	ALUMINUM (FUME OR DUST)	15500	J	7.86	43.6	mg/kg		J	E	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17439-89-6	IRON	18600		3.95	43.6	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17439-92-1	LEAD	5.84		0.545	3.27	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17439-93-2	LITHIUM	21.2		0.37	4.4	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17439-95-4	MAGNESIUM	3820		1.82	10.9	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17439-96-5	MANGANESE	361		0.0905	1.09	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17439-98-7	MOLYBDENUM	2.18	U	0.185	2.18	mg/kg	J	U	F	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-02-0	NICKEL	11		0.142	2.18	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-09-7	POTASSIUM	3210	J	9.09	109	mg/kg		J	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-23-5	SODIUM	117		18.2	109	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-31-5	TIN	10.9	U	0.240	10.9	mg/kg	J	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-32-6	TITANIUM METAL POWDER	1040		0.185	1.09	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-36-0	ANTIMONY	4.36	UJ	0.807	4.36	mg/kg	U	UJ	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-38-2	ARSENIC	4.3	J	0.763	4.36	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-39-3	BARIUM	104		0.0360	1.09	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-41-7	BERYLLIUM	0.562	J	0.0731	1.09	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-42-8	BORON	3.94	J	0.916	10.9	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-43-9	CADMIUM	1.09	U	0.0829	1.09	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-47-3	CHROMIUM	16.6		0.174	3.27	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-48-4	COBALT	5.48		0.108	1.09	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-50-8	COPPER	9.57		0.316	2.18	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-62-2	VANADIUM (FUME OR DUST)	30.9		0.142	1.09	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-66-6	ZINC	53.7		0.218	4.36	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-67-7	ZIRCONIUM	3.91	J	0.916	5.45	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17440-70-2	CALCIUM METAL	2250	J	3.64	21.8	mg/kg		J	E	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6010C	11/26/2013	PH129	9.2		17723-14-0	PHOSPHORUS	340	J	3.15	10.9	mg/kg		J	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6020A	11/27/2013	PH129	9.2		27440-22-4	SILVER	0.0438	J	0.0284	0.218	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6020A	11/27/2013	PH129	9.2		27440-24-6	STRONTIUM	22.1		0.0741	0.436	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6020A	11/27/2013	PH129	9.2		27440-28-0	THALLIUM	0.254		0.0327	0.218	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	6020A	11/27/2013	PH129	9.2		27782-49-2	SELENIUM	0.153	J	0.109	0.436	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	7199	11/26/2013	PH129	9.2		118540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	1.3	J	0.16	0.44	mg/kg		J	FD, E, Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	7471B	11/26/2013	PH129	9.2		17439-97-6	MERCURY	0.0171	U	0.0102	0.0171	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8015M	11/23/2013	PH129	9.2		1PHCC12C14	EFH (C12-C14)	5.5	U	2.2	5.5	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8015M	11/23/2013	PH129	9.2		1PHCC15C20	EFH (C15-C20)	5.5	U	2.2	5.5	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8015M	11/23/2013	PH129	9.2		1PHCC21C30	EFH (C21-C30)	5.7	J	2.2	5.5	mg/kg		J	FD, Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8015M	11/23/2013	PH129	9.2		1PHCC30C40	EFH (C30-C40)	12	J	4.4	11	mg/kg		J	FD, Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8015M	11/23/2013	PH129	9.2		1PHCC8C11	EFH (C8-C11)	5.5	U	2.2	5.5	mg/kg	U			1785404		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	135-98-8	2-PHENYLBUTANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	142-28-9	1,3-DICHLOROPROPANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	156-59-2	CIS-1,2-DICHLOROETHENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	156-60-5	TRANS-1,2-DICHLOROETHENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	1634-04-4	METHYL TERT-BUTYL ETHER	5	U	0.5	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	179601-23-1	M,P-XYLENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	541-73-1	1,3-DICHLOROBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	544-10-5	1-Chlorohexane	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	56-23-5	CARBON TETRACHLORIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	563-58-6	1,1-Dichloropropene	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	591-78-6	2-Hexanone	11	U	3	11	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	594-20-7	2,2-DICHLOROPROPANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	630-20-6	1,1,1,2-TETRACHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	637-92-3	tert-Butyl ethyl ether	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	67-64-1	ACETONE	32		7	21	ug/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	67-66-3	CHLOROFORM	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	71-43-2	BENZENE	5	U	0.5	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	71-55-6	1,1,1-TRICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	74-83-9	BROMOMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	74-87-3	CHLOROMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	74-88-4	Methyl Iodide	5	U	3	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	74-95-3	DIBROMOMETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	74-97-5	Bromochloromethane	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-00-3	CHLOROETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-01-4	VINYL CHLORIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-09-2	METHYLENE CHLORIDE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-15-0	CARBON DISULFIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-25-2	BROMOFORM	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-27-4	BROMODICHLOROMETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-34-3	1,1-DICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-35-4	1,1-DICHLOROETHENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-65-0	TERT-BUTYL ALCOHOL	53	U	21	53	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-69-4	TRICHLOROFLUOROMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-71-8	DICHLORODIFLUOROMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	75-88-7	2-Chloro-1,1,1-trifluoroethane	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	78-87-5	1,2-DICHLOROPROPANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	78-93-3	2-Butanone (MEK)	11	UJ	4	11	ug/kg	U	UJ	FD	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	79-00-5	1,1,2-TRICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	79-01-6	TRICHLOROETHENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	79-34-5	1,1,2,2-TETRACHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	79-38-9	Chlorotrifluoroethylene	5	UJ	2	5	ug/kg	U	UJ	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	8260B	11/21/2013	PH129	9.2	0.96	87-61-6	1,2,3-TRICHLOROBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	1613B	12/14/2013	PH134	2.2		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.831	J	0.105	0.992	ng/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	1613B	12/14/2013	PH134	2.2		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.63	J	0.0389	4.96	ng/kg	JB	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	6020A	12/10/2013	PH134	2.2		2	7440-22-4	SILVER	0.0441	J	0.0263	0.202	mg/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	6020A	12/10/2013	PH134	2.2		2	7440-24-6	STRONTIUM	18.1		0.0688	0.405	mg/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	6020A	12/10/2013	PH134	2.2		2	7440-28-0	THALLIUM	0.238		0.0304	0.202	mg/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	7471B	12/10/2013	PH134	2.2		1	7439-97-6	MERCURY	0.0164	J	0.0101	0.0168	mg/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8015M	12/7/2013	PH134	2.2		5	PHCC12C14	EFH (C12-C14)	25	U	10	25	mg/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8015M	12/7/2013	PH134	2.2		5	PHCC15C20	EFH (C15-C20)	10	J	10	25	mg/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8015M	12/7/2013	PH134	2.2		5	PHCC21C30	EFH (C21-C30)	83		10	25	mg/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8015M	12/7/2013	PH134	2.2		5	PHCC30C40	EFH (C30-C40)	300		20	51	mg/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8015M	12/7/2013	PH134	2.2		5	PHCC8C11	EFH (C8-C11)	25	U	10	25	mg/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2		1	11096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2		1	11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2		1	11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2		1	11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2		1	11126-42-4	Aroclor 5460	14	J	10	34	ug/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2		1	11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2		1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2		1	12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2		1	12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2		1	37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2		1	53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8082A	12/9/2013	PH134	2.2		1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	64	J	61	180	ug/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	117-84-0	Di-n-octylphtthalate	180	UJ	61	180	ug/kg	U	UJ	C	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	120-12-7	ANTHRACENE	17	U	3.4	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	129-00-0	PYRENE	26		6.8	17	ug/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	131-11-3	DIMETHYL PHTHALATE	180	U	61	180	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	191-24-2	BENZO(G,H,I)PERYLENE	9.2	J	6.8	17	ug/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	192-97-2	Benzo(e)pyrene	170	U	34	170	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	6.8	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	205-99-2	BENZO(B)FLUORANTHENE	25		6.8	17	ug/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	206-44-0	FLUORANTHENE	28		6.8	17	ug/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	207-08-9	BENZO(K)FLUORANTHENE	6.8	J	6.8	17	ug/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	208-96-8	ACENAPHTHYLENE	17	U	3.4	17	ug/kg	U			1786232	267383.5	-118.70815
SL-846-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086821	LL	8270D SIM	6/19/2013	PH051	3.7		1	218-01-9	Chrysene	0.75	J	0.34	1.7	ug/kg	J	J	Z	1786868	267219.2	-118.70604
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	50-32-8	BENZO(A)PYRENE	9.2	J	6.8	17	ug/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	53-70-3	DIBENZO(A,H)ANTHRACENE	17	U	6.8	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	56-55-3	BENZO(A)ANTHRACENE	9.4	J	6.8	17	ug/kg	J	J	Z	1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	17	U	6.8	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	83-32-9	ACENAPHTHENE	17	U	6.8	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	84-66-2	DIETHYL PHTHALATE	180	U	61	180	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	84-74-2	Di-n-butylphtthalate	180	U	61	180	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	85-01-8	PHENANTHRENE	18		6.8	17	ug/kg				1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	85-68-7	BENZYL BUTYL PHTHALATE	180	U	61	180	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	86-73-7	FLUORENE	17	U	6.8	17	ug/kg	U			1786232	267383.5	-118.70815
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	8270D SIM	12/14/2013	PH134	2.2		10	90-12-0	1-METHYLNAPHTHALENE	13	J	6.8	17	ug/kg	J	J				

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	6010C	11/21/2013	PH126	2.5		17440-38-2	ARSENIC	2.47	J	0.704	4.02	mg/kg	J	J	Z	1785828	267382.4	-118.70949
SL-928-SA5A-SB-0.0-0.5	11/12/2013	FD	0	0.5	ft	SO	5A DG	SL-628-SA5A-SB-0.0-0.5	7275659	LL	6010C	11/21/2013	PH126	2.5		17440-39-3	BARIUM	84.4	J	0.0332	1.01	mg/kg	J	J	E	1785828	267382.4	-118.70949
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		85-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		91-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	9045M	11/24/2013	PH133	3.7		pH	PH	6.62		0.0100	0.0100	pH unit				1786161	267398.6	-118.70838
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	160.3M	12/6/2013	PH135	3.9		1MOIST	MOISTURE	3.9		0.10	0.10	%				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		1746-01-6	2,3,7,8-TCDD	1.03	U	0.0549	1.03	ng/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.17	U	0.0259	5.17	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		13268-87-9	OCDD	8.08	J	0.0229	10.3	ng/kg	JB	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.643	J	0.0350	5.17	ng/kg	JB	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		139001-02-0	OCDF	10.3	U	0.0470	10.3	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.17	U	0.0260	5.17	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.116	J	0.0385	5.17	ng/kg	JQ	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.03	U	0.0431	1.03	ng/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.17	U	0.0193	5.17	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		157117-31-4	2,3,4,7,8-PECDF	5.17	U	0.0214	5.17	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.0721	J	0.0216	5.17	ng/kg	JQ	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		157117-44-9	1,2,3,6,7,8-HXCDF	5.17	U	0.0238	5.17	ng/kg	JB	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.17	U	0.0279	5.17	ng/kg	JB	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		160851-34-5	2,3,4,6,7,8-HXCDF	5.17	U	0.0237	5.17	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.17	U	0.0144	5.17	ng/kg	JB	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		170648-26-9	1,2,3,4,7,8-HXCDF	5.17	U	0.0236	5.17	ng/kg	JB	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		172918-21-9	1,2,3,7,8,9-HXCDF	5.17	U	0.0276	5.17	ng/kg	JB	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	1613B	12/12/2013	PH135	3.9		17429-90-5	ALUMINIUM (FUME OR DUST)	0.0351		0	0	ng/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17439-89-6	IRON	21500		3.62	40.0	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17439-92-1	LEAD	7.17		0.500	3.00	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17439-93-2	LITHIUM	23.3		0.34	4.0	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17439-95-4	MAGNESIUM	4210		1.67	10.0	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17439-96-5	MANGANESE	326		0.0830	1.00	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17439-98-7	MOLYBDENUM	1.26	J	0.170	2.00	mg/kg	J	J	F	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-02-0	NICKEL	9.21		0.130	2.00	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-09-7	POTASSIUM	1960		8.34	100	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-23-5	SODIUM	126		16.7	100	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-31-5	TIN	10	U	0.220	10.0	mg/kg	J	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-32-6	TITANIUM METAL POWDER	1110		0.170	1.00	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-36-0	ANTIMONY	4	UJ	0.740	4.00	mg/kg	U	UJ	Q	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-38-2	ARSENIC	5.83		0.700	4.00	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-39-3	BARIUM	86.1		0.0330	1.00	mg/kg				1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-41-7	BERYLLIUM	0.767	J	0.0670	1.00	mg/kg	J	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	6010C	12/3/2013	PH135	3.9		17440-42-8	BORON	3.61	J	0.840	10.0	mg/kg	J	J	Z	1786121	267810.2	-118.70853

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-847-SA5A-SB-0.0-0.5	6/7/2013	N	0	0.5	ft	SO	5A DG		7086822	LL	8270D SIM	6/19/2013	PH051	0.58		1218-01-9	Chrysene	1.4	J	0.33	1.7	ug/kg	J	J	Z	1786797	267207.1	-118.70628
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	8270D SIM	12/14/2013	PH135	3.9		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295434	LL	9045M	11/27/2013	PH135	3.9		1pH	PH	6.44		0.0100	0.0100	pH unit				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	160.3M	12/6/2013	PH135	5		1MOIST	MOISTURE	5		0.10	0.10	%				1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		11746-01-6	2,3,7,8-TCDD	0.0776	J	0.0576	1.04	ng/kg	JQ	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.2	U	0.0223	5.20	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		13268-87-9	OCDD	10.4	U	0.0207	10.4	ng/kg	JB	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.2	U	0.0260	5.20	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		139001-02-0	OCDF	10.4	U	0.0364	10.4	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.2	U	0.0231	5.20	ng/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0338	J	0.0277	5.20	ng/kg	JQ	J	Z	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.04	U	0.0442	1.04	ng/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.2	U	0.0133	5.20	ng/kg	JBQ	U	B	1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		157117-31-4	2,3,4,7,8-PECDF	5.2	U	0.0185	5.20	ng/kg	U			1786121	267810.2	-118.70853
SL-713-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295435	LL	1613B	12/13/2013	PH135	5		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.054	J	0.0186	5.20	ng/kg	JQ	J	Z	1786121	267810.2	-118.70853
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	6020A	12/3/2013	PH135	3		27440-24-6	STRONTIUM	19.1	J	0.0694	0.408	mg/kg		J	Q	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	6020A	12/3/2013	PH135	3		27440-28-0	THALLIUM	0.263		0.0306	0.204	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	7471B	12/3/2013	PH135	3		17439-97-6	MERCURY	0.0104	J	0.0102	0.0170	mg/kg	J	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8015M	12/7/2013	PH135	3		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8015M	12/7/2013	PH135	3		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8015M	12/7/2013	PH135	3		1PHCC21C30	EFH (C21-C30)	5.2		2.0	5.1	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8015M	12/7/2013	PH135	3		1PHCC30C40	EFH (C30-C40)	14		4.1	10	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8015M	12/7/2013	PH135	3		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8082A	12/9/2013	PH135	3		111096-82-5	Aroclor 1260	18	U	4.0	18	ug/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8082A	12/9/2013	PH135	3		111097-69-1	Aroclor 1254	18	U	4.5	18	ug/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	8082A	12/9/2013	PH135	3		111100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1786574	267615	-118.70702
SL-76																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	160.3M	12/6/2013	PH135	3.2		1	MOIST	MOISTURE	3.2		0.10	0.10	%				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	1746-01-6	2,3,7,8-TCDD	0.992	U	0.0507	0.992	ng/kg	U			1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.266	J	0.0274	4.96	ng/kg	JBQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	3268-87-9	OCDD	49.8		0.0239	9.92	ng/kg	B			1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	3.05	J	0.0301	4.96	ng/kg	JB	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	39001-02-0	OCDF	1.12	J	0.0249	9.92	ng/kg	JB	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.96	U	0.0285	4.96	ng/kg	JBQ	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.262	J	0.0325	4.96	ng/kg	JQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.089	J	0.0426	0.992	ng/kg	JQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	4.96	U	0.0159	4.96	ng/kg	JB	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	57117-31-4	2,3,4,7,8-PECDF	4.96	U	0.0192	4.96	ng/kg	JBQ	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.275	J	0.0199	4.96	ng/kg	J	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	57117-44-9	1,2,3,6,7,8-HXCDF	4.96	U	0.0233	4.96	ng/kg	JB	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.232	J	0.0304	4.96	ng/kg	JBQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	60851-34-5	2,3,4,6,7,8-HXCDF	4.96	U	0.0220	4.96	ng/kg	JBQ	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.526	J	0.0125	4.96	ng/kg	JB	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	70648-26-9	1,2,3,4,7,8-HXCDF	4.96	U	0.0243	4.96	ng/kg	JBQ	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	72918-21-9	1,2,3,7,8,9-HXCDF	4.96	U	0.0235	4.96	ng/kg	JBQ	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	1613B	12/13/2013	PH135	3.2		1	TCDD TEQ	TCDD TEQ	0.0757		0	0	ng/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7429-90-5	ALUMINUM (FUME OR DUST)	15300		7.37	40.9	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7439-89-6	IRON	21200		3.70	40.9	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7439-92-1	LEAD	7.03		0.511	3.07	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7439-93-2	LITHIUM	21.7		0.35	4.1	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7439-95-4	MAGNESIUM	4430		1.71	10.2	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7439-96-5	MANGANESE	336		0.0849	1.02	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7439-98-7	MOLYBDENUM	2.05	U	0.174	2.05	mg/kg	J	U	F	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-02-0	NICKEL	10.6		0.133	2.05	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-09-7	POTASSIUM	3590		8.53	102	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-23-5	SODIUM	77.4	J	17.1	102	mg/kg	J	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-32-6	TITANIUM METAL POWDER	1130		0.174	1.02	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-36-0	ANTIMONY	4.09	UJ	0.757	4.09	mg/kg	U	UJ	Q	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-38-2	ARSENIC	4.76		0.716	4.09	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-39-3	BARIUM	105		0.0338	1.02	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-41-7	BERYLLIUM	0.586	J	0.0685	1.02	mg/kg	J	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-42-8	BORON	4.26	J	0.859	10.2	mg/kg	J	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-43-9	CADMIUM	0.328	J	0.0777	1.02	mg/kg	J	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-47-3	CHROMIUM	20.4		0.164	3.07	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-48-4	COBALT	5.83		0.101	1.02	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-50-8	COPPER	11.8		0.297	2.05	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-62-2	VANADIUM (FUME OR DUST)	37.5		0.133	1.02	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-66-6	ZINC	61.1		0.205	4.09	mg/kg				1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-67-7	ZIRCONIUM	1.66	J	0.859	5.11	mg/kg	J	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-2.5-3.5	11/26/2013	N	2.5	3.5	ft	SO	5A DG		7295443	LL	6010C	12/3/2013	PH135	3.2		1	7440-70-2	CALCIUM METAL	2340		3.42	20.5	mg/kg				178657		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		1	TCDD TEQ	TCDD TEQ	0.116		0					1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7429-90-5	ALUMINUM (FUME OR DUST)	14900		7.44	41.3	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7439-89-6	IRON	20500		3.74	41.3	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7439-92-1	LEAD	6.34		0.516	3.10	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7439-93-2	LITHIUM	22		0.35	4.1	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7439-95-4	MAGNESIUM	4500		1.72	10.3	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7439-96-5	MANGANESE	298		0.0857	1.03	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7439-98-7	MOLYBDENUM	2.06	U	0.175	2.06	mg/kg	J	U	F	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-02-0	NICKEL	10.9		0.134	2.06	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-09-7	POTASSIUM	3670	J	8.61	103	mg/kg		J	Q	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-23-5	SODIUM	72.2	J	17.2	103	mg/kg	J	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-31-5	TIN	10.3	U	0.227	10.3	mg/kg	J	U	B	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-32-6	TITANIUM METAL POWDER	1150		0.175	1.03	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-36-0	ANTIMONY	4.13	UJ	0.764	4.13	mg/kg	U	UJ	Q	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-38-2	ARSENIC	3.36	J	0.722	4.13	mg/kg	J	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-39-3	BARIUM	89.9		0.0341	1.03	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-41-7	BERYLLIUM	0.573	J	0.0691	1.03	mg/kg	J	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-42-8	BORON	10.3	U	0.867	10.3	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-43-9	CADMIUM	1.03	U	0.0784	1.03	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-47-3	CHROMIUM	21.1		0.165	3.10	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-48-4	COBALT	5.46		0.102	1.03	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-50-8	COPPER	5.71		0.299	2.06	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-62-2	VANADIUM (FUME OR DUST)	35.2		0.134	1.03	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-66-6	ZINC	51.7		0.206	4.13	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-67-7	ZIRCONIUM	2.37	J	0.867	5.16	mg/kg	J	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7440-70-2	CALCIUM METAL	2280		3.45	20.6	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6010C	12/2/2013	PH131	3.1		1	7723-14-0	PHOSPHORUS	407	J	2.98	10.3	mg/kg		J	Q	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6020A	12/2/2013	PH131	3.1		2	7782-49-2	SELENIUM	0.189	J	0.103	0.413	mg/kg	J	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6020A	12/2/2013	PH131	3.1		2	7440-22-4	SILVER	0.206	U	0.0268	0.206	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6020A	12/2/2013	PH131	3.1		2	7440-24-6	STRONTIUM	16.1	J	0.0702	0.413	mg/kg		J	Q, A	1786201	267727	-118.70826
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	1613B	12/14/2013	PH134	2		1	TCDD TEQ	TCDD TEQ	9.41		0	0	ng/kg			1786218	267870	-118.7082	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	6020A	12/2/2013	PH131	3.1		2	7440-28-0	THALLIUM	0.299		0.0310	0.206	mg/kg			1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	7471B	11/28/2013	PH131	3.1		1	7439-97-6	MERCURY	0.0167	U	0.0100	0.0167	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8015M	11/26/2013	PH131	3.1		1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8015M	11/26/2013	PH131	3.1		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8015M	11/26/2013	PH131	3.1		1	PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8015M	11/26/2013	PH131	3.1		1	PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8015M	11/26/2013	PH131	3.1		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	11096-82-5	Aroclor 1260	18	U	4.0	18	ug/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	11097-69-1	Aroclor 1254	18	U	4.5	18	ug/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	11100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	11104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	11141-16-5	Aroclor 1232	18	U	4.2	18	ug/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U		1786201	267727	-118.70826	
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	8082A	12/1/2013	PH131	3.1		1	12672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U		1786201			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	2.8	J	0.0304	4.92	ng/kg	JB	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		139001-02-0	OCDF	1.34	J	0.0377	9.83	ng/kg	JB	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.92	U	0.0355	4.92	ng/kg	JBQ	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.134	J	0.0300	4.92	ng/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0488	J	0.0479	0.983	ng/kg	JQ	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.92	U	0.0233	4.92	ng/kg	JBQ	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		157117-31-4	2,3,4,7,8-PECDF	4.92	U	0.0216	4.92	ng/kg	JB	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.92	U	0.0246	4.92	ng/kg	JBQ	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		157117-44-9	1,2,3,6,7,8-HXCDF	4.92	U	0.0258	4.92	ng/kg	JBQ	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.183	J	0.0374	4.92	ng/kg	JQ	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		160851-34-5	2,3,4,6,7,8-HXCDF	4.92	U	0.0281	4.92	ng/kg	JBQ	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.585	J	0.0155	4.92	ng/kg	JB	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		170648-26-9	1,2,3,4,7,8-HXCDF	0.0959	J	0.0284	4.92	ng/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		172918-21-9	1,2,3,7,8,9-HXCDF	4.92	U	0.0277	4.92	ng/kg	JBQ	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	1613B	12/5/2013	PH131	2.3		1TCDD TEQ	TCDD TEQ	0.248		0	0	ng/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17429-90-5	ALUMINUM (FUME OR DUST)	16900		7.31	40.5	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17439-89-6	IRON	26100		3.67	40.5	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17439-92-1	LEAD	9.27		0.507	3.04	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17439-93-2	LITHIUM	22.7		0.34	4.1	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17439-95-4	MAGNESIUM	6220		1.69	10.1	mg/kg				1786356	267590.9	-118.70774
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	10.3		0.0536	4.88	ng/kg	B			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		139001-02-0	OCDF	6.17	J	0.0404	9.77	ng/kg	JB	J	Z	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.88	U	0.0475	4.88	ng/kg	JB	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.88	U	0.0644	4.88	ng/kg	JBQ	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.977	U	0.0684	0.977	ng/kg	U			1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.88	U	0.0247	4.88	ng/kg	JB	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		157117-31-4	2,3,4,7,8-PECDF	4.88	U	0.0378	4.88	ng/kg	JBQ	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.88	U	0.0408	4.88	ng/kg	JB	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		157117-44-9	1,2,3,6,7,8-HXCDF	4.88	U	0.0336	4.88	ng/kg	JBQ	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.457	J	0.0499	4.88	ng/kg	JB	J	Z	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		160851-34-5	2,3,4,6,7,8-HXCDF	4.88	U	0.0327	4.88	ng/kg	JBQ	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		167562-39-4	1,2,3,4,6,7,8-HPCDF	1.89	J	0.0177	4.88	ng/kg	JB	J	Z	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		170648-26-9	1,2,3,4,7,8-HXCDF	4.88	U	0.0391	4.88	ng/kg	JBQ	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		172918-21-9	1,2,3,7,8,9-HXCDF	4.88	U	0.0383	4.88	ng/kg	JBQ	U	B	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	1613B	11/21/2013	PH125	0.61		1TCDD TEQ	TCDD TEQ	0.228		0	0	ng/kg				1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17429-90-5	ALUMINUM (FUME OR DUST)	10900	J	7.25	40.2	mg/kg	J		E	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17439-89-6	IRON	18400	J	3.64	40.2	mg/kg	J		E	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17439-93-2	LITHIUM	24.7	J	0.34	4.0	mg/kg	J		E	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17439-95-4	MAGNESIUM	3700	J	1.68	10.1	mg/kg	J		E	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17440-09-7	POTASSIUM	3070	J	8.39	101	mg/kg	J		E, Q	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17440-23-5	SODIUM	121		16.8	101	mg/kg				1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17440-70-2	CALCIUM METAL	2670	J	3.36	20.1	mg/kg	J		E	1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17439-92-1	LEAD	5.06		0.503	3.02	mg/kg				1785884	267366.2	-118.7093
SL-634-SA5A-SB-0.0-0.5	11/11/2013	N	0	0.5	ft	SO	5A DG		7273423	LL	6010C	11/21/2013	PH125	0.61		17439-96-5	MANGANESE	275	J	0.0835	1.01							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-657-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	8270D SIM	11/25/2013	PH128	6		191-20-3	NAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	8270D SIM	11/25/2013	PH128	6		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-5.0	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	9045M	11/14/2013	PH128	6		pH	PH	7.53		0.0100	0.0100	pH unit				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	160.3M	11/19/2013	PH128	5.7		MOIST	MOISTURE	5.7		0.10	0.10	%				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		11746-01-6	2,3,7,8-TCDD	0.0638	J	0.0543	1.04	ng/kg	JQ	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.22	U	0.0273	5.22	ng/kg	JB	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		13268-87-9	OCDD	2.37	J	0.0408	10.4	ng/kg	JB	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.22	U	0.0369	5.22	ng/kg	JB	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		139001-02-0	OCDF	10.4	U	0.0437	10.4	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0552	J	0.0285	5.22	ng/kg	JQ	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.22	U	0.0503	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.04	U	0.0563	1.04	ng/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.22	U	0.0220	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		157117-31-4	2,3,4,7,8-PECDF	5.22	U	0.0264	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.22	U	0.0251	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		157117-44-9	1,2,3,6,7,8-HXCDF	5.22	U	0.0231	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0899	J	0.0306	5.22	ng/kg	JQ	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		160851-34-5	2,3,4,6,7,8-HXCDF	5.22	U	0.0249	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.22	U	0.0135	5.22	ng/kg	JB	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		170648-26-9	1,2,3,4,7,8-HXCDF	5.22	U	0.0261	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		172918-21-9	1,2,3,7,8,9-HXCDF	5.22	U	0.0276	5.22	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	1613B	11/25/2013	PH128	5.7		17TCDD TEQ	TCDD TEQ	0.0144		0	0	ng/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17429-90-5	ALUMINUM (FUME OR DUST)			7.42	41.2	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17439-89-6	IRON	22800	J	3.73	41.2	mg/kg		J	A	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17439-92-1	LEAD	4.96		0.515	3.09	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17439-93-2	LITHIUM	24.6		0.35	4.1	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17439-95-4	MAGNESIUM	5400		1.72	10.3	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17439-96-5	MANGANESE	416		0.0855	1.03	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17439-98-7	MOLYBDENUM	2.06	U	0.175	2.06	mg/kg	J	U	F	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-02-0	NICKEL	10.6		0.134	2.06	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-09-7	POTASSIUM	1770		8.59	103	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-23-5	SODIUM	107		17.2	103	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-31-5	TIN	10.3	U	0.227	10.3	mg/kg	J	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-32-6	TITANIUM METAL POWDER	1250		0.175	1.03	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-36-0	ANTIMONY	4.12	UJ	0.762	4.12	mg/kg	U	UJ	Q	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-38-2	ARSENIC	4.51		0.721	4.12	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-39-3	BARIUM	90.4		0.0340	1.03	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-41-7	BERYLLIUM	0.523	J	0.0690	1.03	mg/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-42-8	BORON	1.89	J	0.865	10.3	mg/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-43-9	CADMIUM	0.0875	J	0.0782	1.03	mg/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-47-3	CHROMIUM	19.7		0.165	3.09	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-48-4	COBALT	6.2		0.102	1.03	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-50-8	COPPER	8.7		0.299	2.06	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-62-2	VANADIUM (FUME OR DUST)	37.6		0.134	1.03	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	6010C	11/24/2013	PH128	5.7		17440-66-6	ZINC	52.4		0.206	4.12	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		1218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		150-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		183-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		184-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		184-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		185-01-8	PHENANTHRENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		186-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		191-20-3	NAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277001	LL	8270D SIM	11/25/2013	PH128	5.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785719	267118	-118.70984
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17439-93-2	LITHIUM	22.6		0.35	4.1	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17439-95-4	MAGNESIUM	4040		1.70	10.2	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17439-96-5	MANGANESE	289		0.0846	1.02	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17439-98-7	MOLYBDENUM	2.04	U	0.173	2.04	mg/kg	J	U	F	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-02-0	NICKEL	7.57		0.132	2.04	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-09-7	POTASSIUM	2720		8.50	102	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-23-5	SODIUM	81.2	J	17.0	102	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-31-5	TIN	10.2	U	0.224	10.2	mg/kg	J	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-32-6	TITANIUM METAL POWDER	1050		0.173	1.02	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-36-0	ANTIMONY	4.08	UJ	0.754	4.08	mg/kg	U	UJ	Q	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-38-2	ARSENIC	4.6		0.713	4.08	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-39-3	BARIUM	82		0.0336	1.02	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-41-7	BERYLLIUM	0.48	J	0.0683	1.02	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-42-8	BORON	2.91	J	0.856	10.2	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-43-9	CADMIUM	0.201	J	0.0774	1.02	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-47-3	CHROMIUM	17.1		0.163	3.06	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-48-4	COBALT	4.56		0.101	1.02	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-50-8	COPPER	7.73		0.295	2.04	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-62-2	VANADIUM (FUME OR DUST)	30.5		0.132	1.02	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-66-6	ZINC	54.4		0.204	4.08	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-67-7	ZIRCONIUM	1.91	J	0.856	5.09	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17440-70-2	CALCIUM METAL	2660		3.40	20.4	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		17723-14-0	PHOSPHORUS	331		2.94	10.2	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6020A	12/3/2013	PH132	4.7		27440-24-6	STRONTIUM	13.7	J	0.0693	0.408	mg/kg		J	Q	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6020A	12/3/2013	PH132	4.7		27440-28-0	THALLIUM	0.234		0.0306	0.204	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6020A	12/3/2013	PH132	4.7		27440-22-4	SILVER	0.0793	J	0.0265	0.204	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6020A	12/3/2013	PH132	4.7		27782-49-2	SELENIUM	0.408	U	0.102	0.408	mg/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	7471B	12/3/2013	PH132	4.7		17439-97-6	MERCURY	0.0157	J	0.0098	0.0163	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8015M	12/3/2013	PH132	4.7		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8015M	12/3/2013	PH132	4.7		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1785346	267516.2	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8270D SIM	12/5/2013	PH132	4.7		185-01-8	PHENANTHRENE	7		0.70	1.7	ug/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8270D SIM	12/5/2013	PH132	4.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8270D SIM	12/5/2013	PH132	4.7		186-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8270D SIM	12/5/2013	PH132	4.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8270D SIM	12/5/2013	PH132	4.7		191-20-3	NAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	8270D SIM	12/5/2013	PH132	4.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	9045M	11/21/2013	PH132	4.7		pH	PH	7.11		0.0100	0.0100	pH unit				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	160.3M	11/28/2013	PH132	10.9		1MOIST	MOISTURE	10.9		0.10	0.10	%				1785346	267516.2	-118.71108
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		11746-01-6	2,3,7,8-TCDD	0.0583	J	0.0474	1.06	ng/kg	JQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.406	J	0.0575	5.28	ng/kg	JB	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		13268-87-9	OCDD	605		0.0817	10.6	ng/kg	B			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	49.4		0.117	5.28	ng/kg	B			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		139001-02-0	OCDF	3.38	J	0.0605	10.6	ng/kg	JB	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.28	U	0.0580	5.28	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.28	U	0.0609	5.28	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0723	J	0.0542	1.06	ng/kg	JQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.28	U	0.0369	5.28	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		157117-31-4	2,3,4,7,8-PECDF	5.28	U	0.0384	5.28	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	1.26	J	0.0418	5.28	ng/kg	JBQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		157117-44-9	1,2,3,6,7,8-HXCDF	0.255	J	0.0402	5.28	ng/kg	JBQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.708	J	0.0621	5.28	ng/kg	JBQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		160851-34-5	2,3,4,6,7,8-HXCDF	5.28	U	0.0427	5.28	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	1.51	J	0.0301	5.28	ng/kg	JB	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		170648-26-9	1,2,3,4,7,8-HXCDF	5.28	U	0.0418	5.28	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		172918-21-9	1,2,3,7,8,9-HXCDF	5.28	U	0.0408	5.28	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	1613B	11/27/2013	PH129	7.4		1TCDD TEQ	TCDD TEQ	0.887		0	0	ng/kg				1785404	267503.8	-118.71089
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17429-90-5	ALUMINUM (FUME OR DUST)	13900		7.93	44.0	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17439-89-6	IRON	18800		3.98	44.0	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17439-92-1	LEAD	7.67		0.550	3.30	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17439-93-2	LITHIUM	19.3		0.37	4.4	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17439-95-4	MAGNESIUM	3530		1.84	11.0	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17439-96-5	MANGANESE	280		0.0913	1.10	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17439-98-7	MOLYBDENUM	2.2	U	0.187	2.20	mg/kg	J	U	F	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-02-0	NICKEL	7.77		0.143	2.20	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-09-7	POTASSIUM	2890		9.18	110	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-23-5	SODIUM	102	J	18.4	110	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-31-5	TIN	11	U	0.242	11.0	mg/kg	J	U	B	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-32-6	TITANIUM METAL POWDER	1030		0.187	1.10	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-36-0	ANTIMONY	4.4	UJ	0.814	4.40	mg/kg	U	UJ	Q	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-38-2	ARSENIC	3.69	J	0.770	4.40	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-39-3	BARIUM	112		0.0363	1.10	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-41-7	BERYLLIUM	0.542	J	0.0737	1.10	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-42-8	BORON	4.02	J	0.924	11.0	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10.9		17440-43-9	CADMIUM	0.246	J	0.0836	1.10	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-10.0-11.0	11/19/2013	N	10	11	ft	SO	5A DG		7284467	LL	6010C	12/3/2013	PH132	10														

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8082A	12/3/2013	PH133	2.2		153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8082A	12/3/2013	PH133	2.2		163496-31-1	Aroclor 5432	33	U	10	33	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	92	U	31	92	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5117-84-0	Di-n-octylphthalate	92	U	31	92	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5120-12-7	ANTHRACENE	2.4	J	1.7	8.5	ug/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5129-00-0	PYRENE	17	J	3.4	8.5	ug/kg		J	L	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5131-11-3	DIMETHYL PHTHALATE	92	U	31	92	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5191-24-2	BENZO(G,H,I)PERYLENE	5.9	J	3.4	8.5	ug/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5192-97-2	Benzo(e)pyrene	87	U	17	87	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5193-39-5	INDENO(1,2,3-CD)PYRENE	3.7	J	3.4	8.5	ug/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5205-99-2	BENZO(B)FLUORANTHENE	21		3.4	8.5	ug/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5206-44-0	FLUORANTHENE	19		3.4	8.5	ug/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5207-08-9	BENZO(K)FLUORANTHENE	5.4	J	3.4	8.5	ug/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		5208-96-8	ACENAPHTHYLENE	8.5	U	1.7	8.5	ug/kg	U			1785931	267112.4	-118.70914
SL-851-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143797	LL	8270D SIM	8/8/2013	PH077	1.2		1218-01-9	Chrysene	1.5	J	0.34	1.7	ug/kg	J	J	Z	1786878	267286.4	-118.70601
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		550-32-8	BENZO(A)PYRENE	8.6		3.4	8.5	ug/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		553-70-3	DIBENZO(A,H)ANTHRACENE	8.5	U	3.4	8.5	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		556-55-3	BENZO(A)ANTHRACENE	7.2	J	3.4	8.5	ug/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		562-75-9	METHANAMINE, N-METHYL-N-NITROSO	8.5	U	3.4	8.5	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		583-32-9	ACENAPHTHENE	8.5	U	3.4	8.5	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		584-66-2	DIETHYL PHTHALATE	92	U	31	92	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		584-74-2	Di-n-butylphthalate	92	U	31	92	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		585-01-8	PHENANTHRENE	23		3.4	8.5	ug/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		585-68-7	BENZYL BUTYL PHTHALATE	92	U	31	92	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		586-73-7	FLUORENE	8.5	U	3.4	8.5	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		590-12-0	1-METHYLNAPHTHALENE	13		3.4	8.5	ug/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		591-20-3	NAPHTHALENE	8.5		3.4	8.5	ug/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	8270D SIM	12/14/2013	PH133	2.2		591-57-6	2-METHYLNAPHTHALENE	16		3.4	8.5	ug/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	9045M	11/24/2013	PH133	2.2		pH	PH	7.52		0.0100	0.0100	pH unit				1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	160.3M	12/5/2013	PH133	11.7		1MOIST	MOISTURE	11.7		0.10	0.10	%				1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		11746-01-6	2,3,7,8-TCDD	0.0709	J	0.0583	1.09	ng/kg	JQ	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.0727	J	0.0314	5.46	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		13268-87-9	OCDD	10.9	U	0.0496	10.9	ng/kg	JB	U	B	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.46	U	0.0429	5.46	ng/kg	JB	U	B	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		139001-02-0	OCDF	10.9	U	0.0817	10.9	ng/kg	JBQ	U	B	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.46	U	0.0306	5.46	ng/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.46	U	0.0454	5.46	ng/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0986	J	0.0666	1.09	ng/kg	JQ	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.46	U	0.0290	5.46	ng/kg	JBQ	U	B	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		157117-31-4	2,3,4,7,8-PECDF	5.46	U	0.0310	5.46	ng/kg	JB	U	B	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.46	U	0.0293	5.46	ng/kg	JBQ	U	B	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		157117-44-9	1,2,3,6,7,8-HXCDF	0.0448	J	0.0296	5.46	ng/kg	JQ	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.46	U	0.0322	5.46	ng/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	1613B	12/12/2013	PH133	11.7		160851-34-5	2,3,4,6,7,8-HXCDF	0.0312	J	0.0307	5.46	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	161																	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8015M	12/4/2013	PH133	11.7	1	PHCC21C30	EFH (C21-C30)	5.7	U	2.3	5.7	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8015M	12/4/2013	PH133	11.7	1	PHCC30C40	EFH (C30-C40)	11	U	4.5	11	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8015M	12/4/2013	PH133	11.7	1	PHCC8C11	EFH (C8-C11)	5.7	U	2.3	5.7	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8015M	11/27/2013	PH133	11.7	23.41	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	11096-82-5	Aroclor 1260	19	U	4.4	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	11097-69-1	Aroclor 1254	19	U	5.0	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	11100-14-4	Aroclor 1268	19	U	3.7	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	11104-28-2	Aroclor 1221	19	U	5.8	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	11126-42-4	Aroclor 5460	37	U	11	37	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	11141-16-5	Aroclor 1232	19	U	4.6	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	12642-23-8	Aroclor 5442	37	U	11	37	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	12672-29-6	Aroclor 1248	19	U	3.7	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	12674-11-2	Aroclor 1016	19	U	3.7	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	37324-23-5	Aroclor 1262	19	U	3.7	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	53469-21-9	Aroclor 1242	19	U	4.6	19	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8082A	12/4/2013	PH133	11.7	1	63496-31-1	Aroclor 5432	37	U	11	37	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.8	20	ug/kg	U			1785931	267112.4	-118.70914
SL-673-SA5A-SB-10.5-11.5	11/22/2013	N	10.5	11.5	ft	SO	5A DG		7290756	LL	8270D SIM	12/14/2013	PH133	11.7	1	117-84-0	Di-n-octylphtthalate	20	U	6.8	20	ug/kg	U			1785931	267112.4	-118.70914
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	207-08-9	BENZO(K)FLUORANTHENE	3.9		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1785972	267369.5	-118.70901
SL-852-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094789	LL	8270D SIM	6/23/2013	PH057	0.67	1	1218-01-9	Chrysene	2.4	J	0.33	1.7	ug/kg		J	FD	1786856	267386.7	-118.70608
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	50-32-8	BENZO(A)PYRENE	5.3		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	53-70-3	DIBENZO(A,H)ANTHRACENE	0.8	J	0.68	1.7	ug/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	56-55-3	BENZO(A)ANTHRACENE	5.6		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	83-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	84-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	84-74-2	Di-n-butylphtthalate	18	U	6.1	18	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	85-01-8	PHENANTHRENE	3.7		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	85-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	86-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	91-20-3	NAPHTHALENE	0.9	J	0.68	1.7	ug/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5	1	91-57-6	2-METHYLNAPHTHALENE	0.77	J	0.68	1.7	ug/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	9045M	12/4/2013	PH136	2.5	1	pH	PH	6.95		0.0100	0.0100	pH unit				1785972	267369.5	-118.70901
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	160.3M	11/19/2013	PH129	7.4	1	MOIST	MOISTURE	7.4		0.10	0.10	%				1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	1746-01-6	2,3,7,8-TCDD	1.06	UJ	0.0566	1.06	ng/kg	U	UJ	FD	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.409	J	0.0370	5.31	ng/kg	JBQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	3268-87-9	OCDD	2.27	J	0.0448	10.6	ng/kg	JB	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.31	U	0.0453	5.31	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	39001-02-0	OCDF	10.6	U	0.0530	10.6	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.31	UJ	0.0378	5.31	ng/kg	JBQ	UJ	B, FD	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.31	UJ	0.0472	5.31	ng/kg	JBQ	UJ	B, FD	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B	11/27/2013	PH129	9.2	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0626	J	0.0548	1.06	ng/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-11.0-12.0	11/14/2013	N	11	12	ft	SO	5A DG		7279108	LL	1613B</																	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	6020A	11/27/2013	PH129	7.4		2 7440-24-6	STRONTIUM	19.8		0.0720	0.423	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	6020A	11/27/2013	PH129	7.4		2 7440-28-0	THALLIUM	0.288		0.0318	0.212	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	6020A	11/27/2013	PH129	7.4		2 7782-49-2	SELENIUM	0.154	J	0.106	0.423	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	7199	11/26/2013	PH129	7.4		1 18540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	0.43	R	0.15	0.43	mg/kg	U	R	E, Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	7471B	11/26/2013	PH129	7.4		1 7439-97-6	MERCURY	0.0167	U	0.0100	0.0167	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8015M	11/23/2013	PH129	7.4		1 PHCC12C14	EFH (C12-C14)	5.4	U	2.2	5.4	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8015M	11/23/2013	PH129	7.4		1 PHCC15C20	EFH (C15-C20)	5.4	U	2.2	5.4	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8015M	11/23/2013	PH129	7.4		1 PHCC21C30	EFH (C21-C30)	5.4	U	2.2	5.4	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8015M	11/23/2013	PH129	7.4		1 PHCC30C40	EFH (C30-C40)	11	U	4.3	11	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8015M	11/23/2013	PH129	7.4		1 PHCC8C11	EFH (C8-C11)	5.4	U	2.2	5.4	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 11096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 11097-69-1	Aroclor 1254	18	U	4.7	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 11100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 11104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 11126-42-4	Aroclor 5460	29	J	11	35	ug/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 11141-16-5	Aroclor 1232	18	U	4.4	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 12642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 12672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 12674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 37324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 53469-21-9	Aroclor 1242	18	U	4.4	18	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8082A	11/26/2013	PH129	7.4		1 63496-31-1	Aroclor 5432	35	U	11	35	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 110-91-8	MORPHOLINE	22	U	22	22	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	10	J	6.4	19	ug/kg	J	J	L, Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 117-84-0	Di-n-octylphthalate	19	UJ	6.4	19	ug/kg	U	UJ	L	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 129-00-0	PYRENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 131-11-3	DIMETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 191-24-2	BENZO(C,H,I)PERYLENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 192-97-2	Benzo(e)pyrene	18	UJ	3.6	18	ug/kg	U	UJ	L	1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 206-44-0	FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-853-SA5A-SB-0.0-0.5	7/29/2013	N	0	0.5	ft	SO	5A DG		7143795	LL	8270D SIM	8/8/2013	PH077	2.2		1 218-01-9	Chrysene	1.6	J	0.51	2.6	ug/kg	J	J	Z	1786807	267367.9	-118.70625
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 50-32-8	BENZO(A)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 83-32-9	ACENAPHTHENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 84-66-2	DIETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 84-74-2	Di-n-butylphthalate	45		6.4	19	ug/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 85-01-8	PHENANTHRENE	1.8	U	0.72	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft	SO	5A DG		7279106	LL	8270D SIM	11/26/2013	PH129	7.4		1 85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.4	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-0.0-0.5	11/14/2013	N	0	0.5	ft																							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17429-90-5	ALUMINUM (FUME OR DUST)	14500		7.31	40.5	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17439-89-6	IRON	20100		3.67	40.5	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17439-92-1	LEAD	6.2		0.507	3.04	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17439-93-2	LITHIUM	23.6		0.34	4.1	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17439-95-4	MAGNESIUM	4430		1.69	10.1	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17439-96-5	MANGANESE	294		0.0841	1.01	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17439-98-7	MOLYBDENUM	2.03	U	0.172	2.03	mg/kg	J	U	F	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-02-0	NICKEL	10.9		0.132	2.03	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-09-7	POTASSIUM	3420	J	8.45	101	mg/kg		J	Q	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-23-5	SODIUM	88.1	J	16.9	101	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-32-6	TITANIUM METAL POWDER	1290		0.172	1.01	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-36-0	ANTIMONY	4.05	UJ	0.750	4.05	mg/kg	U	UJ	Q	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-38-2	ARSENIC	2.95	J	0.709	4.05	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-39-3	BARIUM	89.9		0.0334	1.01	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-41-7	BERYLLIUM	0.605	J	0.0679	1.01	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-42-8	BORON	1.6	J	0.851	10.1	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-43-9	CADMIUM	1.01	U	0.0770	1.01	mg/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-47-3	CHROMIUM	17.4		0.162	3.04	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-48-4	COBALT	4.55		0.100	1.01	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-50-8	COPPER	17		0.294	2.03	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-62-2	VANADIUM (FUME OR DUST)	35.6		0.132	1.01	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-66-6	ZINC	60.5	J	0.203	4.05	mg/kg		J	Q	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-67-7	ZIRCONIUM	3.14	J	0.851	5.07	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17440-70-2	CALCIUM METAL	2920		3.38	20.3	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6010C	12/10/2013	PH134	4.2		17723-14-0	PHOSPHORUS	387		2.93	10.1	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6020A	12/10/2013	PH134	4.2		27782-49-2	SELENIUM	0.123	J	0.101	0.405	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6020A	12/10/2013	PH134	4.2		27440-22-4	SILVER	0.0282	J	0.0263	0.203	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6020A	12/10/2013	PH134	4.2		27440-24-6	STRONTIUM	17.2		0.0689	0.405	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	6020A	12/10/2013	PH134	4.2		27440-28-0	THALLIUM	0.263		0.0304	0.203	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	7471B	12/10/2013	PH134	4.2		17439-97-6	MERCURY	0.0108	J	0.0101	0.0168	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8015M	12/7/2013	PH134	4.2		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8015M	12/7/2013	PH134	4.2		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8015M	12/7/2013	PH134	4.2		1PHCC21C30	EFH (C21-C30)	4.7	J	2.1	5.2	mg/kg	J	J	Z	1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8015M	12/7/2013	PH134	4.2		1PHCC30C40	EFH (C30-C40)	12		4.2	10	mg/kg				1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8015M	12/7/2013	PH134	4.2		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		111097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		111100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		111104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		111141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		112672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		112674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1785912	267607.2	-118.70921
SL-584-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293060	LL	8082A	12/9/2013	PH134	4.2		137324-23-5	Aroclor 1262	18										

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude		
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	1613B	12/14/2013	PH134	2.2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.853	J	0.0426	4.96	ng/kg	JB	J	Z	1786232	267383.5	-118.70815		
SL-631-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293071	LL	1613B	12/14/2013	PH134	2.2		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.96	U	0.0519	4.96	ng/kg	JBQ	J	B	1786232	267383.5	-118.70815		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		11746-01-6	2,3,7,8-TCDD	0.128	J	0.0697	1.03	ng/kg	JQ	J	Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.319	J	0.0468	5.15	ng/kg	JQ	J	Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		13268-87-9	OCDD	3.25	J	0.0540	10.3	ng/kg	JB	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.584	J	0.0475	5.15	ng/kg	JBQ	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		139001-02-0	OCDF	10.3	UJ	0.0908	10.3	ng/kg	JB	UJ	B, FD	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.244	J	0.0469	5.15	ng/kg	JQ	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.385	J	0.0543	5.15	ng/kg	JBQ	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.106	J	0.0688	1.03	ng/kg	JQ	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.15	U	0.0317	5.15	ng/kg	JBQ	U	B	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		157117-31-4	2,3,4,7,8-PECDF	5.15	UJ	0.0331	5.15	ng/kg	JBQ	UJ	B, FD	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.486	J	0.0340	5.15	ng/kg	JBQ	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		157117-44-9	1,2,3,6,7,8-HXCDF	0.353	J	0.0407	5.15	ng/kg	J	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.15	U	0.0468	5.15	ng/kg	JB	U	B	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		160851-34-5	2,3,4,6,7,8-HXCDF	0.368	J	0.0434	5.15	ng/kg	J	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.15	UJ	0.0256	5.15	ng/kg	JBQ	UJ	B, FD	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		170648-26-9	1,2,3,4,7,8-HXCDF	5.15	UJ	0.0435	5.15	ng/kg	JB	UJ	B, FD	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		172918-21-9	1,2,3,7,8,9-HXCDF	0.389	J	0.0494	5.15	ng/kg	J	J	FD, Z	1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	1613B	12/12/2013	PH133	3.7		17TCDD TEQ	TCDD TEQ	0.174			0	ng/kg				1786161	267398.6	-118.70838		
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17429-90-5	ALUMINIUM (FUME OR DUST)	19000			7.20	39.9	mg/kg				1786161	267398.6	-118.70838	
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17439-89-6	IRON	22700	J		3.61	39.9	mg/kg		J	Q		1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17439-92-1	LEAD	8.45			0.499	3.00	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17439-93-2	LITHIUM	20.2			0.34	4.0	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17439-95-4	MAGNESIUM	4300			1.67	9.98	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17439-96-5	MANGANESE	321			0.0829	0.998	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17439-98-7	MOLYBDENUM	2	UJ		0.170	2.00	mg/kg	J	UJ	F, FD	1786161	267398.6	-118.70838	
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-02-0	NICKEL	13			0.130	2.00	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-09-7	POTASSIUM	3110	J		8.33	99.8	mg/kg	J		Q		1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-23-5	SODIUM	171			16.7	99.8	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-31-5	TIN	9.98	U		0.220	9.98	mg/kg	J	U	B		1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-32-6	TITANIUM METAL POWDER	1290			0.170	0.998	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-36-0	ANTIMONY	3.99	UJ		0.739	3.99	mg/kg	U	UJ	Q		1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-38-2	ARSENIC	5.35			0.699	3.99	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-39-3	BARIUM	105			0.0329	0.998	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-41-7	BERYLLIUM	0.715	J		0.0669	0.998	mg/kg	J	J	Z		1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-42-8	BORON	4.18	J		0.839	9.98	mg/kg	J	J	Z		1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-43-9	CADMIUM	0.998	U		0.0759	0.998	mg/kg	U				1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-47-3	CHROMIUM	23.9			0.160	3.00	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-48-4	COBALT	6.3			0.0988	0.998	mg/kg					1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	6010C	12/9/2013	PH133	3.7		17440-50-8	COPPER	15.4												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		111141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		112672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		112674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		113724-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		1153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8082A	12/4/2013	PH133	3.7		1163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1120-36-5	DICHLORPROP	18	U	9.3	18	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		11918-00-9	DICAMBA	12	U	4.1	12	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1175-99-0	2,2-DICHLOROPROPIONIC ACID	240	U	240	240	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1188-85-7	DINITROBUTYL PHENOL	25	U	9.3	25	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1193-65-2	MCPP	2600	U	780	2600	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1193-72-1	2,4,5-TP (Silvex)	1.8	U	0.78	1.8	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1193-76-5	2,4,5-T	1.8	U	0.85	1.8	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1194-74-6	MCPA (2-METHYL-4-CHLOROPHENOXYACETIC ACID)	2600	U	790	2600	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1194-75-7	2,4-D	37	U	12	37	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8151A	12/5/2013	PH133	3.7		1194-82-6	2,4-DB	18	U	6.4	18	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		11205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		11206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		11207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		11208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		11218-01-9	Chrysene	1.7	UJ	0.35	1.7	ug/kg	U	UJ	FD	1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786161	267398.6	-118.70838
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	8270D SIM	12/14/2013	PH133	3.7		1184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786161	267398.6	-118.70838
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	1613B	12/13/2013	PH135	7.8		1172918-21-9	1,2,3,7,8,9-HXCDF	5.37	U	0.0207	5.37	ng/kg	JBQ	U	B	1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	1613B	12/13/2013	PH135	7.8		11TCDD TEQ	TCDD TEQ	0.0013		0	0	ng/kg				1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	6010C	12/3/2013	PH135	7.8		517439-89-6	IRON	45700		19.4	215	mg/kg				1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	6010C	12/3/2013	PH135	7.8		117429-90-5	ALUMINUM (FUME OR DUST)	29800		7.74	43.0	mg/kg				1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	6010C	12/3/2013	PH135	7.8		117439-92-1	LE											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		111126-42-4	Aroclor 5460	36	U	11	36	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		111141-16-5	Aroclor 1232	18	U	4.4	18	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		12642-23-8	Aroclor 5442	36	U	11	36	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		12672-29-6	Aroclor 1248	18	U	3.6	18	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		12674-11-2	Aroclor 1016	18	U	3.6	18	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		137324-23-5	Aroclor 1262	18	U	3.6	18	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		153469-21-9	Aroclor 1242	18	U	4.4	18	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8082A	12/9/2013	PH135	7.8		163496-31-1	Aroclor 5432	36	U	11	36	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.4	19	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1117-84-0	Di-n-octylphthalate	19	U	6.4	19	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1129-00-0	PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1131-11-3	DIMETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1192-97-2	Benzo(e)pyrene	18	U	3.6	18	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1206-44-0	FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		1218-01-9	Chrysene	1.8	U	0.36	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		150-32-8	BENZO(A)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		183-32-9	ACENAPHTHENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		184-66-2	DIETHYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		184-74-2	Di-n-butylphthalate	19	U	6.4	19	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		185-01-8	PHENANTHRENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.4	19	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		186-73-7	FLUORENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		191-20-3	NAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	8270D SIM	12/16/2013	PH135	7.8		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	9045M	11/27/2013	PH135	7.8		pH	PH	7.11		0.0100	0.0100	pH unit				1786500	267642.2	-118.70727
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	160.3M	12/6/2013	PH135	3		1	MOIST	3		0.10	0.10	%				1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		11746-01-6	2,3,7,8-TCDD	0.111	J	0.0618	0.995	ng/kg	JQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.245	J	0.0280	4.98	ng/kg	JBQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		13268-87-9	OCDD	138		0.0305	9.95	ng/kg	B			1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.68	J	0.0327	4.98	ng/kg	JB	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		139001-02-0	OCDF	1.39	J	0.0325	9.95	ng/kg	JB	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.98	U	0.0282	4.98	ng/kg	JBQ	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0955	J	0.0325	4.98	ng/kg	JQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0553	J	0.0495	0.995	ng/kg	JQ	J	Z	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B	12/13/2013	PH135	3		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.98	U	0.0207	4.98	ng/kg	JBQ	U	B	1786574	267615	-118.70702
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	1613B																	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-767-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295442	LL	6020A	12/3/2013	PH135	3		2 7782-49-2	SELENIUM	0.129	J	0.102	0.408	mg/kg	J	J	Z	1786574	267615	-118.70702
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1 90-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	J			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1 91-20-3	NAPHTHALENE	0.74	J	0.69	1.7	ug/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1 91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	J			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	9045M	11/20/2013	PH131	3.4		1 pH	PH	7.16		0.0100	0.0100	pH unit				1786090	267710.9	-118.70863
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	160.3M	11/26/2013	PH131	2.1		1 MOIST	MOISTURE	2.1		0.10	0.10	%				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 1746-01-6	2,3,7,8-TCDD	0.0925	J	0.0515	0.993	ng/kg	JQ	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.572	J	0.0257	4.96	ng/kg	JB	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 3268-87-9	OCDD	4.27	J	0.0275	9.93	ng/kg	JB	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.96	U	0.0315	4.96	ng/kg	JBQ	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 39001-02-0	OCDF	9.93	U	0.0422	9.93	ng/kg	JB	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.96	U	0.0256	4.96	ng/kg	JBQ	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.235	J	0.0378	4.96	ng/kg	J	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0689	J	0.0488	0.993	ng/kg	JQ	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 55673-89-7	1,2,3,4,7,8,9-HPCDF	4.96	U	0.0182	4.96	ng/kg	JBQ	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 57117-31-4	2,3,4,7,8-PECDF	4.96	U	0.0251	4.96	ng/kg	JB	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.96	U	0.0254	4.96	ng/kg	JBQ	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 57117-44-9	1,2,3,6,7,8-HXCDF	0.143	J	0.0232	4.96	ng/kg	JB	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.301	J	0.0253	4.96	ng/kg	JQ	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 60851-34-5	2,3,4,6,7,8-HXCDF	4.96	U	0.0238	4.96	ng/kg	JB	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 67562-39-4	1,2,3,4,6,7,8-HPCDF	4.96	U	0.0113	4.96	ng/kg	JBQ	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 70648-26-9	1,2,3,4,7,8-HXCDF	0.119	J	0.0255	4.96	ng/kg	JQ	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 72918-21-9	1,2,3,7,8,9-HXCDF	0.416	J	0.0259	4.96	ng/kg	JBQ	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	1613B	12/4/2013	PH131	2.1		1 TCDD TEQ	TCDD TEQ	0.372		0	0	ng/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7429-90-5	ALUMINUM (FUME OR DUST)	14800		7.36	40.9	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7439-89-6	IRON	19300		3.70	40.9	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7439-92-1	LEAD	6		0.511	3.06	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7439-93-2	LITHIUM	20.3		0.35	4.1	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7439-95-4	MAGNESIUM	4010		1.71	10.2	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7439-96-5	MANGANESE	305		0.0848	1.02	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7439-98-7	MOLYBDENUM	2.04	U	0.174	2.04	mg/kg	J	U	F	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-02-0	NICKEL	10.9		0.133	2.04	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-09-7	POTASSIUM	3360	J	8.52	102	mg/kg		J	Q	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-23-5	SODIUM	67	J	17.1	102	mg/kg	J	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-32-6	TITANIUM METAL POWDER	1030		0.174	1.02	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-36-0	ANTIMONY	4.09	UJ	0.756	4.09	mg/kg	U	UJ	Q	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-38-2	ARSENIC	3.17	J	0.715	4.09	mg/kg	J	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-39-3	BARIUM	88.7		0.0337	1.02	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-41-7	BERYLLIUM	0.579	J	0.0684	1.02	mg/kg	J	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-42-8	BORON	1.52	J	0.858	10.2	mg/kg	J	J	Z	1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-43-9	CADMIUM	1.02	U	0.0776	1.02	mg/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-47-3	CHROMIUM	17.5		0.163	3.06	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-48-4	COBALT	4.95		0.101	1.02	mg/kg				1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	6010C	12/2/2013	PH131	2.1		1 7440-50-8</												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		1206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-855-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097887	LL	8270D SIM	6/28/2013	PH059	1.2		1218-01-9	Chrysene	3.7		0.34	1.7	ug/kg				1786689	267422.5	-118.70664
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		187-68-3	HEXACHLORO-1,3-BUTADIENE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		187-86-5	PENTACHLOROPHENOL	170	U	34	170	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		188-06-2	2,4,6-TRICHLOROPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		188-74-4	2-NITROANILINE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		188-75-5	2-NITROPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		190-12-0	1-METHYLNAPHTHALENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		191-20-3	NAPHTHALENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		191-57-6	2-METHYLNAPHTHALENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		191-58-7	2-CHLORONAPHTHALENE	34	U	7	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		191-94-1	3,3'-DICHLORO BENZIDINE	340	U	100	340	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		192-52-4	1,1'-Biphenyl	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		192-87-5	BENZIDINE	1700	U	710	1700	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		195-48-7	2-METHYLPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		195-50-1	1,2-DICHLORO BENZENE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		195-57-8	2-CHLOROPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		195-95-4	2,4,5-TRICHLOROPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		198-95-3	NITROBENZENE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	8270D	12/9/2013	PH134	2.5		199-09-2	3-NITROANILINE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-43-9	CADMIUM	0.11	J	0.0775	1.02	mg/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-47-3	CHROMIUM	19.7		0.163	3.06	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-48-4	COBALT	6.13		0.101	1.02	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-50-8	COPPER	14.8		0.296	2.04	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-62-2	VANADIUM (FUME OR DUST)	37.6		0.133	1.02	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-66-6	ZINC	53		0.204	4.08	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-67-7	ZIRCONIUM	2.57	J	0.857	5.10	mg/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17440-70-2	CALCIUM METAL	2490		3.41	20.4	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6010C	11/24/2013	PH128	2.9		17723-14-0	PHOSPHORUS	397		2.95	10.2	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6020A	11/26/2013	PH128	2.9		27782-49-2	SELENIUM	0.123	J	0.102	0.408	mg/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6020A	11/26/2013	PH128	2.9		27440-22-4	SILVER	0.0291	J	0.0265	0.204	mg/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6020A	11/26/2013	PH128	2.9		27440-24-6	STRONTIUM	17	J	0.0693	0.408	mg/kg		J	Q	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	6020A	11/26/2013	PH128	2.9		27440-28-0	THALLIUM	0.259		0.0306	0.204	mg/kg				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	7471B	11/25/2013	PH128	2.9		17439-97-6	MERCURY	0.0163	U	0.0098	0.0163	mg/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8015M	11/22/2013	PH128	2.9		1PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8015M	11/22/2013	PH128	2.9		1PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8015M	11/22/2013	PH128	2.9		1PHCC21C30	EFH (C21-C30)	5.1	U	2.1	5.1	mg/kg	U			1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8015M	11/22/2013	PH128	2.9		1PHCC30C40	EFH (C30-C40)	10	U	4								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8270D SIM	11/25/2013	PH128	2.9		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785719	267118	-118.70984	
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8270D SIM	11/25/2013	PH128	2.9		91-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785719	267118	-118.70984	
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	8270D SIM	11/25/2013	PH128	2.9		91-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785719	267118	-118.70984	
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	9045M	11/14/2013	PH128	2.9		pH	PH	6.81		0.0100	0.0100	pH unit				1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	160.3M	11/19/2013	PH128	6		1MOIST	MOISTURE	6		0.10	0.10	%				1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		11746-01-6	2,3,7,8-TCDD	0.0826	J	0.0410	1.06	ng/kg	J	J	Z	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.29	U	0.0233	5.29	ng/kg	JBQ	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		13268-87-9	OCDD	10.6	U	0.0316	10.6	ng/kg	JB	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.29	U	0.0276	5.29	ng/kg	JBQ	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		139001-02-0	OCDF	10.6	U	0.0345	10.6	ng/kg	JB	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0695	J	0.0229	5.29	ng/kg	J	J	Z	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.29	U	0.0310	5.29	ng/kg	JBQ	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0707	J	0.0417	1.06	ng/kg	JQ	J	Z	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.29	U	0.0153	5.29	ng/kg	JBQ	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		157117-31-4	2,3,4,7,8-PECDF	5.29	U	0.0204	5.29	ng/kg	JB	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.29	U	0.0195	5.29	ng/kg	JB	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		157117-44-9	1,2,3,6,7,8-HXCDF	5.29	U	0.0190	5.29	ng/kg	JB	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0951	J	0.0246	5.29	ng/kg	JQ	J	Z	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		160851-34-5	2,3,4,6,7,8-HXCDF	5.29	U	0.0195	5.29	ng/kg	JBQ	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.29	U	0.00947	5.29	ng/kg	JB	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		170648-26-9	1,2,3,4,7,8-HXCDF	5.29	U	0.0216	5.29	ng/kg	JB	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		172918-21-9	1,2,3,7,8,9-HXCDF	5.29	U	0.0238	5.29	ng/kg	JBQ	U	B	1785719	267118	-118.70984	
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	1613B	11/26/2013	PH128	6		1TCDD TEQ	TCDD TEQ	0.206		0	0	ng/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17429-90-5	ALUMINUM (FUME OR DUST)	15300		7.59	42.1	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17439-89-6	IRON	22600	J	3.81	42.1	mg/kg		J	A		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17439-92-1	LEAD	5.41		0.527	3.16	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17439-93-2	LITHIUM	29.2		0.36	4.2	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17439-95-4	MAGNESIUM	5030		1.76	10.5	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17439-96-5	MANGANESE	256		0.0874	1.05	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17439-98-7	MOLYBDENUM	2.11	U	0.179	2.11	mg/kg	J	U	F		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-02-0	NICKEL	10.5		0.137	2.11	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-09-7	POTASSIUM	1600		8.78	105	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-23-5	SODIUM	104	J	17.6	105	mg/kg	J	J	Z		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-31-5	TIN	10.5	U	0.232	10.5	mg/kg	J	U	B		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-32-6	TITANIUM METAL POWDER	1160		0.179	1.05	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-36-0	ANTIMONY	4.21	UJ	0.779	4.21	mg/kg	U	UJ	Q		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-38-2	ARSENIC	3.83	J	0.737	4.21	mg/kg	J	J	Z		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-39-3	BARIUM	81.8		0.0348	1.05	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-41-7	BERYLLIUM	0.607	J	0.0706	1.05	mg/kg	J	J	Z		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-42-8	BORON	1.75	J	0.885	10.5	mg/kg	J	J	Z		1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-43-9	CADMIUM	1.05	U	0.0801	1.05	mg/kg	U				1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-47-3	CHROMIUM	19.4		0.169	3.16	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-48-4	COBALT	5.53		0.104	1.05	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-50-8	COPPER	7.1		0.305	2.11	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N	4	5	ft	SO	5A DG		7277005	LL	6010C	11/24/2013	PH128	6		17440-62-2	VANADIUM (FUME OR DUST)	38.1		0.137	1.05	mg/kg					1785719	267118	-118.70984
SL-657-SA5A-SB-4.0-0.5	11/13/2013	N																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	1613B	11/26/2013	PH128	2.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.138	J	0.0411	5.09	ng/kg	JQ	J	Z	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	1613B	11/26/2013	PH128	2.7		160851-34-5	2,3,4,6,7,8-HXCDF	5.09	U	0.0219	5.09	ng/kg	JBQ	U	B	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	1613B	11/26/2013	PH128	2.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.09	U	0.0129	5.09	ng/kg	JB	U	B	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	1613B	11/26/2013	PH128	2.7		170648-26-9	1,2,3,4,7,8-HXCDF	5.09	U	0.0231	5.09	ng/kg	JBQ	U	B	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	1613B	11/26/2013	PH128	2.7		172918-21-9	1,2,3,7,8,9-HXCDF	5.09	U	0.0228	5.09	ng/kg	JB	U	B	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	1613B	11/26/2013	PH128	2.7		17CDD TEQ	TCDD TEQ	0.427		0	0	ng/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17429-90-5	ALUMINUM (FUME OR DUST)	16200		7.34	40.7	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17439-89-6	IRON	24000	J	3.68	40.7	mg/kg		J	A	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17439-92-1	LEAD	7.17		0.509	3.05	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17439-93-2	LITHIUM	24.8		0.35	4.1	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17439-95-4	MAGNESIUM	5020		1.70	10.2	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17439-96-5	MANGANESE	285		0.0845	1.02	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17439-98-7	MOLYBDENUM	2.04	U	0.173	2.04	mg/kg	J	U	F	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-02-0	NICKEL	12.8		0.132	2.04	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-09-7	POTASSIUM	2280		8.49	102	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-23-5	SODIUM	342		17.0	102	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-31-5	TIN	10.2	U	0.224	10.2	mg/kg	J	U	B	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-32-6	TITANIUM METAL POWDER	1180		0.173	1.02	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-36-0	ANTIMONY	4.07	UJ	0.753	4.07	mg/kg	U	UJ	Q	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-38-2	ARSENIC	6.09		0.712	4.07	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-39-3	BARIUM	93.9		0.0336	1.02	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-41-7	BERYLLIUM	0.698	J	0.0682	1.02	mg/kg	J	J	Z	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-42-8	BORON	4.9	J	0.855	10.2	mg/kg	J	J	Z	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-43-9	CADMIUM	0.275	J	0.0773	1.02	mg/kg	J	J	Z	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-47-3	CHROMIUM	20.3		0.163	3.05	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-48-4	COBALT	6.74		0.101	1.02	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-50-8	COPPER	12.3		0.295	2.04	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-62-2	VANADIUM (FUME OR DUST)	40.4		0.132	1.02	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-66-6	ZINC	66.4		0.204	4.07	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-67-7	ZIRCONIUM	4.24	J	0.855	5.09	mg/kg	J	J	Z	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17440-70-2	CALCIUM METAL	8180		3.40	20.4	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6010C	11/24/2013	PH128	2.7		17723-14-0	PHOSPHORUS	322		2.94	10.2	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6020A	11/26/2013	PH128	2.7		27782-49-2	SELENIUM	0.407	U	0.102	0.407	mg/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6020A	11/26/2013	PH128	2.7		27440-22-4	SILVER	0.0276	J	0.0265	0.204	mg/kg	J	J	Z	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6020A	11/26/2013	PH128	2.7		27440-24-6	STRONTIUM	38.3	J	0.0692	0.407	mg/kg		J	Q	1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	6020A	11/26/2013	PH128	2.7		27440-28-0	THALLIUM	0.257		0.0305	0.204	mg/kg				1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	7471B	11/25/2013	PH128	2.7		17439-97-6	MERCURY	0.0161	U	0.0096	0.0161	mg/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8015M	11/22/2013	PH128	2.7		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8015M	11/22/2013	PH128	2.7		1PHCC15C20	EFH (C15-C20)	5.1	U	2.0	5.1	mg/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8015M	11/22/2013	PH128	2.7		1PHCC21C30	EFH (C21-C30)	5.1	U	2.0	5.1	mg/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8015M	11/22/2013	PH128	2.7		1PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8015M	11/22/2013	PH128	2.7		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8082A	11/22/2013	PH128	2.7		111096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8082A	11/22/2013	PH128	2.7		111097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	8082A	11/22/2013	PH128	2.7		111100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1785849	267135.5	-118.70941
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		727																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	160.3M	11/28/2013	PH132	4.7		1	MOIST			0.10	0.10	%				1785346	267516.2	-118.71108	
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	1746-01-6	2,3,7,8-TCDD	0.109	J	0.0478	1.09	ng/kg	JQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.43	U	0.0403	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	3268-87-9	OCDD	8.66	J	0.0518	10.9	ng/kg	JB	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.971	J	0.0574	5.43	ng/kg	JBQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	39001-02-0	OCDF	10.9	U	0.0718	10.9	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.43	U	0.0448	5.43	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.43	U	0.0717	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.09	U	0.0524	1.09	ng/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.43	U	0.0246	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	57117-31-4	2,3,4,7,8-PECDF	5.43	U	0.0378	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.43	U	0.0382	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	57117-44-9	1,2,3,6,7,8-HXCDF	5.43	U	0.0372	5.43	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.43	U	0.0472	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.43	U	0.0349	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.43	U	0.0200	5.43	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.43	U	0.0397	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	72918-21-9	1,2,3,7,8,9-HXCDF	5.43	U	0.0267	5.43	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	1613B	11/27/2013	PH129	10		1	TCDD TEQ	TCDD TEQ	0.0293		0	0	ng/kg				1785404	267503.8	-118.71089
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		1	7429-90-5	ALUMINUM (FUME OR DUST)	12100		7.35	40.8	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		1	7439-89-6	IRON	19900		3.69	40.8	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284465	LL	6010C	12/3/2013	PH132	4.7		1	7439-92-1	LEAD	7.44		0.509	3.06	mg/kg				1785346	267516.2	-118.71108
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		1	60851-34-5	2,3,4,6,7,8-HXCDF	5.4	U	0.0242	5.40	ng/kg	JB	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		1	67562-39-4	1,2,3,4,6,7,8-HPCDF	5.4	U	0.0182	5.40	ng/kg	JB	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		1	70648-26-9	1,2,3,4,7,8-HXCDF	5.4	U	0.0246	5.40	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		1	72918-21-9	1,2,3,7,8,9-HXCDF	5.4	U	0.0265	5.40	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8		1	TCDD TEQ	TCDD TEQ	0.0317		0	0	ng/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7429-90-5	ALUMINUM (FUME OR DUST)	18800		7.68	42.6	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7439-92-1	LEAD	9.89		0.533	3.20	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7439-93-2	LITHIUM	29.3		0.36	4.3	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7439-95-4	MAGNESIUM	6440		1.78	10.7	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7439-96-5	MANGANESE	337		0.0884	1.07	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7439-98-7	MOLYBDENUM	2.13	U	0.181	2.13	mg/kg	J	U	F	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-02-0	NICKEL	15.2		0.139	2.13	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-09-7	POTASSIUM	1960		8.89	107	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-23-5	SODIUM	133		17.8	107	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-31-5	TIN	10.7	U	0.234	10.7	mg/kg	J	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-32-6	TITANIUM METAL POWDER	1220		0.181	1.07	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-36-0	ANTIMONY	4.26	UJ	0.789	4.26	mg/kg	U	UJ	Q	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-38-2	ARSENIC	10.7		0.746	4.26	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-39-3	BARIUM	129		0.0352	1.07	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-41-7	BERYLLIUM	0.987	J	0.0714	1.07	mg/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-42-8	BORON	3.8	J	0.895	10.7	mg/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	6010C	12/3/2013	PH132	8		1	7440-43-9	CADMIUM	0.226	J	0.0810	1.07	mg/kg	J	J	Z	1785429	267	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1131-11-3	DIMETHYL PHTHALATE	20	U	6.5	20	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1191-24-2	BENZO(G,H,I)PERYLENE	1.2	J	0.72	1.8	ug/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1192-97-2	Benzo(e)pyrene	18	U	3.6	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1205-99-2	BENZO(B)FLUORANTHENE	3.3		0.72	1.8	ug/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1206-44-0	FLUORANTHENE	1.4	J	0.72	1.8	ug/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1208-96-8	ACENAPHTHYLENE	1.8	U	0.36	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		1218-01-9	Chrysene	2.3		0.36	1.8	ug/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		150-32-8	BENZO(A)PYRENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		156-55-3	BENZO(A)ANTHRACENE	0.96	J	0.72	1.8	ug/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	0.75	J	0.72	1.8	ug/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		183-32-9	ACENAPHTHENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		184-66-2	DIETHYL PHTHALATE	20	U	6.5	20	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		184-74-2	Di-n-butylphthalate	20	U	6.5	20	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		185-01-8	PHENANTHRENE	19		0.72	1.8	ug/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.5	20	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		186-73-7	FLUORENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		191-20-3	NAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	8270D SIM	12/6/2013	PH132	8		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.72	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	9045M	11/21/2013	PH132	8		pH	PH	6.27		0.0100	0.0100	pH unit				1785429	267430.3	-118.71081
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	160.3M	12/5/2013	PH133	2.2		1MOIST	MOISTURE	2.2		0.10	0.10	%				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		11746-01-6	2,3,7,8-TCDD	0.183	J	0.0637	1.01	ng/kg	JQ	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.24	J	0.0943	5.05	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		13268-87-9	OCDD	3570		0.239	10.1	ng/kg	B			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	176		0.194	5.05	ng/kg	B			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		139001-02-0	OCDF	67.9		0.133	10.1	ng/kg	B			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	2.47	J	0.0925	5.05	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	1.43	J	0.0947	5.05	ng/kg	JBQ	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.475	J	0.0888	1.01	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		155673-89-7	1,2,3,4,7,8,9-HPCDF	1.69	J	0.0937	5.05	ng/kg	JBQ	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		157117-31-4	2,3,4,7,8-PECDF	1.5	J	0.0537	5.05	ng/kg	JB	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	1.18	J	0.0545	5.05	ng/kg	JB	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		157117-44-9	1,2,3,6,7,8-HXCDF	1.4	J	0.0725	5.05	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.25		0.0981	5.05	ng/kg	B			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		160851-34-5	2,3,4,6,7,8-HXCDF	1.61	J	0.0718	5.05	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		167562-39-4	1,2,3,4,6,7,8-HPCDF	34.3		0.0729	5.05	ng/kg	B			1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		170648-26-9	1,2,3,4,7,8-HXCDF	2.18	J	0.0752	5.05	ng/kg	JB	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		172918-21-9	1,2,3,7,8,9-HXCDF	1.53	J	0.0862	5.05	ng/kg	J	J	Z	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	1613B	12/12/2013	PH133	2.2		1TCDD TEQ	TCDD TEQ	5.59		0	0	ng/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	6010C	12/9/2013	PH133	2.2		17429-90-5	ALUMINUM (FUME OR DUST)	14900		7.23	40.1	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	6010C	12/9/2013	PH133	2.2		17439-89-6	IRON	22200	J	3.63	40.1	mg/kg		J	Q	1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290754	LL	6010C	12/9/2013	PH133	2.2		17439-92-1	LEAD	13.5		0.501	3.01	mg/kg				1785931	267112.4	-118.70914
SL-673-SA5A-SB-0.0-0.5	11/22/201																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8082A	12/9/2013	PH136	3.2		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8082A	12/9/2013	PH136	3.2		153469-21-9	Aroclor 1242	18	U	4.2	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8082A	12/9/2013	PH136	3.2		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1129-00-0	PYRENE	2		0.68	1.7	ug/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1191-24-2	BENZO(G,H,I)PERYLENE	1.2	J	0.68	1.7	ug/kg	J	J	Z	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1205-99-2	BENZO(B)FLUORANTHENE	2.3		0.68	1.7	ug/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1206-44-0	FLUORANTHENE	2.3		0.68	1.7	ug/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1207-08-9	BENZO(K)FLUORANTHENE	0.95	J	0.68	1.7	ug/kg	J	J	Z	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-860-SA5A-SB-0.0-0.5	6/18/2013	N	0	0.5	ft	SO	5A DG		7097888	LL	8270D SIM	6/28/2013	PH059	2.7		1218-01-9	Chrysene	1.6	J	0.34	1.7	ug/kg	J	J	Z	1786724	267467.5	-118.70652
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		150-32-8	BENZO(A)PYRENE	1.1	J	0.68	1.7	ug/kg	J	J	Z	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		185-01-8	PHENANTHRENE	0.91	J	0.68	1.7	ug/kg	J	J	Z	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	8270D SIM	12/16/2013	PH136	3.2		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	9045M	12/4/2013	PH136	3.2		1pH	PH	6.49		0.0100	0.0100	pH unit				1785801	267429.2	-118.70958
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	160.3M	12/5/2013	PH136	2.5		1MOIST	MOISTURE	2.5		0.10	0.10	%				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		11746-01-6	2,3,7,8-TCDD	0.065	J	0.0608	1.02	ng/kg	JQ	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.856	J	0.0480	5.12	ng/kg	JB	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		13268-87-9	OCDD	338		0.0417	10.2	ng/kg	B			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35.6		0.0503	5.12	ng/kg	B			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		139001-02-0	OCDF	13.4		0.0326	10.2	ng/kg	B			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.363	J	0.0515	5.12	ng/kg	JBQ	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.272	J	0.0494	5.12	ng/kg	JQ	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.177	J	0.0857	1.02	ng/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.413	J	0.0269	5.12	ng/kg	JBQ	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		157117-31-4	2,3,4,7,8-PECDF	1.02	J	0.0378	5.12	ng/kg	JB	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.561	J	0.0428	5.12	ng/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		157117-44-9	1,2,3,6,7,8-HXCDF	0.48	J	0.0373	5.12	ng/kg	JB	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.36	J	0.0547	5.12	ng/kg	JB	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	1613B	12/13/2013	PH136	2.5		160851-34-5	2,3,4,6,7,8-HXCDF	0.689	J	0.0358	5.12	ng/kg	JB	J	Z	1785972		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8015M	12/7/2013	PH136	2.5		2	PHCC15C20	EFH (C15-C20)	6.4	J	4.1	10	mg/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8015M	12/7/2013	PH136	2.5		2	PHCC21C30	EFH (C21-C30)	42		4.1	10	mg/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8015M	12/7/2013	PH136	2.5		2	PHCC30C40	EFH (C30-C40)	140		8.1	20	mg/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8015M	12/7/2013	PH136	2.5		2	PHCC8C11	EFH (C8-C11)	10	U	4.1	10	mg/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	11096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	11126-42-4	Aroclor 5460	18	J	10	34	ug/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8082A	12/9/2013	PH136	2.5		1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	12	J	6.1	18	ug/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	120-12-7	ANTHRACENE	0.51	J	0.34	1.7	ug/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	129-00-0	PYRENE	12		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	191-24-2	BENZO(G,H,I)PERYLENE	2.6		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	192-97-2	Benzo(e)pyrene	5.7	J	3.4	17	ug/kg	J	J	Z	1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	205-99-2	BENZO(B)FLUORANTHENE	12		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-679-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298807	LL	8270D SIM	12/16/2013	PH136	2.5		1	206-44-0	FLUORANTHENE	12		0.68	1.7	ug/kg				1785972	267369.5	-118.70901
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	11096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	11097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	11100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	11104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	11141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	12672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	12674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	37324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	53469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8082A	12/1/2013	PH131	2.4		1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1	117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1	120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1	129-00-0	PYRENE	1.4	J	0.68	1.7	ug/kg	J	J	Z	1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1	131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1	191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	8270D SIM	12/4/2013	PH131	2.4		1	192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1785951	267730.2	-118.70909

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	1613B	12/4/2013	PH131	4		170648-26-9	1,2,3,4,7,8-HXCDF	5.17	U	0.0492	5.17	ng/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	1613B	12/4/2013	PH131	4		172918-21-9	1,2,3,7,8,9-HXCDF	5.17	U	0.0479	5.17	ng/kg	JBQ	U	B	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	1613B	12/4/2013	PH131	4		170648-26-9	TCDD TEQ	0.000313		0	0	ng/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17429-90-5	ALUMINUM (FUME OR DUST)	15200		7.36	40.8	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17439-89-6	IRON	22600		3.70	40.8	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17439-92-1	LEAD	6.45		0.511	3.06	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17439-93-2	LITHIUM	29		0.35	4.1	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17439-95-4	MAGNESIUM	5050		1.71	10.2	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17439-96-5	MANGANESE	246		0.0848	1.02	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17439-98-7	MOLYBDENUM	2.04	U	0.174	2.04	mg/kg	J	U	F	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-02-0	NICKEL	8.79		0.133	2.04	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-09-7	POTASSIUM	1480	J	8.52	102	mg/kg		J	Q	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-23-5	SODIUM	114		17.1	102	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-32-6	TITANIUM METAL POWDER	1090		0.174	1.02	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-36-0	ANTIMONY	4.08	UJ	0.756	4.08	mg/kg	U	UJ	Q	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-38-2	ARSENIC	4.75		0.715	4.08	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-39-3	BARIUM	79.3		0.0337	1.02	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-41-7	BERYLLIUM	0.588	J	0.0684	1.02	mg/kg	J	J	Z	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-42-8	BORON	0.975	J	0.858	10.2	mg/kg	J	J	Z	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-43-9	CADMIUM	1.02	U	0.0776	1.02	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-47-3	CHROMIUM	16.8		0.163	3.06	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-48-4	COBALT	4.86		0.101	1.02	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-50-8	COPPER	4.41		0.296	2.04	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-62-2	VANADIUM (FUME OR DUST)	36.2		0.133	1.02	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-66-6	ZINC	45.8		0.204	4.08	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-67-7	ZIRCONIUM	3.02	J	0.858	5.11	mg/kg	J	J	Z	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17440-70-2	CALCIUM METAL	2750		3.41	20.4	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6010C	12/2/2013	PH131	4		17723-14-0	PHOSPHORUS	296	J	2.95	10.2	mg/kg		J	Q	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6020A	12/2/2013	PH131	4		27782-49-2	SELENIUM	0.136	J	0.102	0.408	mg/kg	J	J	Z	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6020A	12/2/2013	PH131	4		27440-22-4	SILVER	0.0272	J	0.0266	0.204	mg/kg	J	J	Z	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6020A	12/2/2013	PH131	4		27440-24-6	STRONTIUM	20.9	J	0.0694	0.408	mg/kg		J	Q, A	1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	6020A	12/2/2013	PH131	4		27440-28-0	THALLIUM	0.222		0.0306	0.204	mg/kg				1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	7471B	11/28/2013	PH131	4		17439-97-6	MERCURY	0.0172	U	0.0103	0.0172	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8015M	11/27/2013	PH131	4	26.48	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8015M	11/26/2013	PH131	4		1PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8015M	11/26/2013	PH131	4		1PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8015M	11/26/2013	PH131	4		1PHCC21C30	EFH (C21-C30)	5.1	U	2.1	5.1	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8015M	11/26/2013	PH131	4		1PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8015M	11/26/2013	PH131	4		1PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8082A	12/1/2013	PH131	4		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8082A	12/1/2013	PH131	4		111097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8082A	12/1/2013	PH131	4		111100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8082A	12/1/2013	PH131	4		111104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8082A	12/1/2013	PH131	4		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327	LL	8082A	12/1/2013	PH131	4		111141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785951	267730.2	-118.70909
SL-696-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282327</																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		1218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		150-32-8	BENZO(A)PYRENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		183-32-9	ACENAPHTHENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		184-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		184-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		185-01-8	PHENANTHRENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		186-73-7	FLUORENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		191-20-3	NAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8270D SIM	12/6/2013	PH132	5.7		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.70	1.7	ug/kg	U			1786122	267614.4	-118.70852	
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	9045M	11/21/2013	PH132	5.7		1pH	PH	6.99		0.0100	0.0100	pH unit				1786122	267614.4	-118.70852	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	160.3M	11/28/2013	PH132	3.5		1MOIST	MOISTURE	3.5		0.10	0.10	%				1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		11746-01-6	2,3,7,8-TCDD	1.01	U	0.0525	1.01	ng/kg	U			1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.07	U	0.0188	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		13268-87-9	OCDD	10.1	U	0.0188	10.1	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.07	U	0.0256	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		139001-02-0	OCDF	10.1	U	0.0299	10.1	ng/kg	JB	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.07	U	0.0196	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.07	U	0.0336	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0467	J	0.0449	1.01	ng/kg	JQ	J	Z	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.07	U	0.0128	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		157117-31-4	2,3,4,7,8-PECDF	5.07	U	0.0173	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.07	U	0.0190	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		157117-44-9	1,2,3,6,7,8-HXCDF	5.07	U	0.0172	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.07	U	0.0208	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		160851-34-5	2,3,4,6,7,8-HXCDF	5.07	U	0.0168	5.07	ng/kg	JBQ	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.07	U	0.0104	5.07	ng/kg	JB	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		170648-26-9	1,2,3,4,7,8-HXCDF	5.07	U	0.0176	5.07	ng/kg	JB	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		172918-21-9	1,2,3,7,8,9-HXCDF	5.07	U	0.0184	5.07	ng/kg	JB	U	B	1786228	267553.2	-118.70817	
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	1613B	12/8/2013	PH132	3.5		1TCDD TEQ	TCDD TEQ	0.00943		0	0	ng/kg					1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17429-90-5	ALUMINUM (FUME OR DUST)	15000		7.47	41.5	mg/kg					1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17439-89-6	IRON	21600		3.75	41.5	mg/kg					1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17439-92-1	LEAD	6.86		0.518	3.11	mg/kg					1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17439-93-2	LITHIUM	16.8		0.35	4.1	mg/kg					1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17439-95-4	MAGNESIUM	4360		1.73	10.4	mg/kg					1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17439-96-5	MANGANESE	198		0.0860	1.04	mg/kg					1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17439-98-7	MOLYBDENUM	2.07	U	0.176	2.07	mg/kg	J	U	F		1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17440-02-0	NICKEL	6.97		0.135	2.07	mg/kg					1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	6010C	12/3/2013	PH132	3.5		17440-09-7	POTASSIUM												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8082A	11/29/2013	PH132	3.5		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8082A	11/29/2013	PH132	3.5		153469-21-9	Aroclor 1242	18	U	4.2	18	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8082A	11/29/2013	PH132	3.5		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-862-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085564	LL	8270D SIM	6/18/2013	PH050	1.4	10	218-01-9	Chrysene	13	J	3.3	17	ug/kg	J	J	Z	1786775	267533.9	-118.70635
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	8270D SIM	12/5/2013	PH132	3.5		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786228	267553.2	-118.70817
SL-732-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284477	LL	9045M	11/21/2013	PH132	3.5	1	pH	PH	6.76		0.0100	0.0100	pH unit				1786228	267553.2	-118.70817
SL-986-SA5A-SB-0.0-0.5	11/22/2013	FD	0	0.5	ft	SO	5A DG	SL-686-SA5A-SB-0.0-0.5	7290764	LL	160.3M	12/5/2013	PH133	3.7	1	MOIST	MOISTURE	3.7		0.10	0.10	%				1786161	267398.6	-118.70838
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	160.3M	12/6/2013	PH135	5.5	1	MOIST	MOISTURE	5.5		0.10	0.10	%				1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5		11746-01-6	2,3,7,8-TCDD	1.06	U	0.0642	1.06	ng/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.29	U	0.0207	5.29	ng/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	3268-87-9	OCDD	10.6	U	0.0192	10.6	ng/kg	JB	U	B	1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.29	U	0.0213	5.29	ng/kg	JBQ	U	B	1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	39001-02-0	OCDF	10.6	U	0.0311	10.6	ng/kg	JBQ	U	B	1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.29	U	0.0212	5.29	ng/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.29	U	0.0382	5.29	ng/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.06	U	0.0512	1.06	ng/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	5.29	U	0.0115	5.29	ng/kg	JBQ	U	B	1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	57117-31-4	2,3,4,7,8-PECDF	5.29	U	0.0211	5.29	ng/kg	JBQ	U	B	1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.29	U	0.0225	5.29	ng/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.29	U	0.0193	5.29	ng/kg	U			1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	1613B	12/13/2013	PH135	5.5	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.29	U	0.02								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8015M	12/7/2013	PH135	5.5		1	PHCC12C14	EFH (C12-C14)	5.3	U	2.1	5.3	mg/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8015M	12/7/2013	PH135	5.5		1	PHCC15C20	EFH (C15-C20)	5.3	U	2.1	5.3	mg/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8015M	12/7/2013	PH135	5.5		1	PHCC21C30	EFH (C21-C30)	5.3	U	2.1	5.3	mg/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8015M	12/7/2013	PH135	5.5		1	PHCC30C40	EFH (C30-C40)	5	J	4.2	11	mg/kg	J	J	Z	1786500	267642.2	-118.70727
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8015M	12/7/2013	PH135	5.5		1	PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	11096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	11097-69-1	Aroclor 1254	18	U	4.7	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	11100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	11104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	11126-42-4	Aroclor 5460	35	U	11	35	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	11141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	12642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	12672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	12674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	37324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	53469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8082A	12/9/2013	PH135	5.5		1	63496-31-1	Aroclor 5432	35	U	11	35	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-863-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099658	LL	8270D SIM	6/29/2013	PH060	3.8	10	218-01-9	Chrysene	21		3.5	17	ug/kg				1786786	267465.2	-118.70632	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	50-32-8	BENZO(A)PYRENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	83-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	85-01-8	PHENANTHRENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	86-73-7	FLUORENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	91-20-3	NAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	8270D SIM	12/16/2013	PH135	5.5		1	91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U		1786500	267642.2	-118.70727	
SL-738-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295440	LL	9045M	11/27/2013	PH135	5.5		1	pH	PH	6.85		0.0100	0.0100	pH unit			1786500	267642.2	-118.70727	
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	160.3M	12/6/2013	PH135	7.8		1	MOIST	MOISTURE	7.8		0.10	0.10	%			1786500	267642.2	-118.70727	
SL-738-SA5A-SB-3.0-4.0	11/26/2013	N	3	4	ft	SO	5A DG		7295441	LL	1613B	12/13/2013																	

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		185-01-8	PHENANTHRENE	2.8	J	0.68	1.7	ug/kg		J	FD	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8270D SIM	12/4/2013	PH131	2.3		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	9045M	11/20/2013	PH131	2.3		1pH	PH	6.63		0.0100	0.0100	pH unit				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	160.3M	11/26/2013	PH131	3.4		1MOIST	MOISTURE	3.4		0.10	0.10	%				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		11746-01-6	2,3,7,8-TCDD	0.0756	J	0.0451	1.00	ng/kg	JQ	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.01	U	0.0316	5.01	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		13268-87-9	OCDD	13		0.0286	10.0	ng/kg	B			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.18	J	0.0324	5.01	ng/kg	JB	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		139001-02-0	OCDF	10	U	0.0385	10.0	ng/kg	JB	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.01	U	0.0311	5.01	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.217	J	0.0337	5.01	ng/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0551	J	0.0488	1.00	ng/kg	JQ	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.01	U	0.0208	5.01	ng/kg	JB	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		157117-31-4	2,3,4,7,8-PECDF	5.01	U	0.0219	5.01	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.01	U	0.0218	5.01	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		157117-44-9	1,2,3,6,7,8-HXCDF	0.22	J	0.0267	5.01	ng/kg	JB	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.191	J	0.0316	5.01	ng/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		160851-34-5	2,3,4,6,7,8-HXCDF	0.188	J	0.0287	5.01	ng/kg	JBQ	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.01	U	0.0152	5.01	ng/kg	JB	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		170648-26-9	1,2,3,4,7,8-HXCDF	0.171	J	0.0265	5.01	ng/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		172918-21-9	1,2,3,7,8,9-HXCDF	5.01	U	0.0327	5.01	ng/kg	JB	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	1613B	12/4/2013	PH131	3.4		1TCDD TEQ	TCDD TEQ	0.322		0	0	ng/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17429-90-5	ALUMINIUM (FUME OR DUST)	14300		7.46	41.4	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17439-89-6	IRON	18900		3.75	41.4	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17439-92-1	LEAD	5.9		0.518	3.11	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17439-93-2	LITHIUM	22.9		0.35	4.1	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17439-95-4	MAGNESIUM	3880		1.73	10.4	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17439-96-5	MANGANESE	196		0.0859	1.04	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17439-98-7	MOLYBDENUM	2.07	U	0.176	2.07	mg/kg	J	U	F	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-02-0	NICKEL	8.1		0.135	2.07	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-09-7	POTASSIUM	1880	J	8.63	104	mg/kg		J	Q	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-23-5	SODIUM	138		17.3	104	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-31-5	TIN	10.4	U	0.228	10.4	mg/kg	J	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-32-6	TITANIUM METAL POWDER	1150		0.176	1.04	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-36-0	ANTIMONY	4.14	UJ	0.766	4.14	mg/kg	U	UJ	Q	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-38-2	ARSENIC	2.85	J	0.725	4.14	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-39-3	BARIUM	63.4		0.0342	1.04	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-41-7	BERYLLIUM	0.557	J	0.0694	1.04	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	6010C	12/2/2013	PH131	3.4		17440-42-8	BORON	1.22	J	0.870	10.4	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/14/2013	PH131	3.4		1117-84-0	Di-n-octylphthalate	19	U	6.2	19	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/14/2013	PH131	3.4		1120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/14/2013	PH131	3.4		1129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/14/2013	PH131	3.4		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/14/2013	PH131	3.4		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8270D SIM	12/14/2013	PH131	2		1185-01-8	PHENANTHRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8270D SIM	12/14/2013	PH131	2		1185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8270D SIM	12/14/2013	PH131	2		1186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8270D SIM	12/14/2013	PH131	2		1190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8270D SIM	12/14/2013	PH131	2		1191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	8270D SIM	12/14/2013	PH131	2		1191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-1009-SA5A-SB-4.0-5.0	11/18/2013	FD	4	5	ft	SO	5A DG	SL-709-SA5A-SB-4.0-5.0	7282329	LL	9045M	11/20/2013	PH131	2		11pH	PH	6.68		0.0100	0.0100	pH unit				1786090	267710.9	-118.70863
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	160.3M	12/6/2013	PH134	2.5		11MOIST	MOISTURE	2.5		0.10	0.10	%				1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		111746-01-6	2,3,7,8-TCDD	0.262	J	0.0733	1.02	ng/kg	J	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.12	J	0.0583	5.11	ng/kg	JB	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		113268-87-9	OCDD	29900	J	0.272	10.2	ng/kg	BE	J	FD, *	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	547	J	0.240	5.11	ng/kg	B	J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1139001-02-0	OCDF	245	J	0.0825	10.2	ng/kg	B	J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	1.75	J	0.0586	5.11	ng/kg	JB	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	1.02	J	0.0661	5.11	ng/kg	JB	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.231	J	0.0872	1.02	ng/kg	J	J	Z	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1155673-89-7	1,2,3,4,7,8,9-HPCDF	13.1	J	0.0639	5.11	ng/kg	B	J	FD	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1157117-31-4	2,3,4,7,8-PECDF	5.11	U	0.0400	5.11	ng/kg	JBQ	U	B	1786218	267870	-118.7082
SL-1015-SA5A-SB-0.0-0.5	11/25/2013	FD	0	0.5	ft	SO	5A DG	SL-715-SA5A-SB-0.0-0.5	7293069	LL	1613B	12/14/2013	PH134	2.5		1157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.11	U	0.0402	5.11	ng/kg	JB	U	B	1786218	267870	-118.7082
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0817	J	0.0562	0.985	ng/kg	JQ	J	FD, Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1155673-89-7	1,2,3,4,7,8,9-HPCDF	4.92	UJ	0.0571	4.92	ng/kg	JB	UJ	B, FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1157117-31-4	2,3,4,7,8-PECDF	4.92	U	0.0286	4.92	ng/kg	JBQ	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	0.52	J	0.0290	4.92	ng/kg	JB	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1157117-44-9	1,2,3,6,7,8-HXCDF	4.92	U	0.0307	4.92	ng/kg	JBQ	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.404	J	0.0503	4.92	ng/kg	JQ	J	Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1160851-34-5	2,3,4,6,7,8-HXCDF	4.92	UJ	0.0317	4.92	ng/kg	JBQ	UJ	B, FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1167562-39-4	1,2,3,4,6,7,8-HPCDF	1.25	J	0.0386	4.92	ng/kg	JB	J	FD, Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1170648-26-9	1,2,3,4,7,8-HXCDF	4.92	U	0.0359	4.92	ng/kg	JBQ	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		1172918-21-9	1,2,3,7,8,9-HXCDF	4.92	U	0.0366	4.92	ng/kg	JB	U	B	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	1613B	11/25/2013	PH128	3.3		11TCDD TEQ	TCDD TEQ	0.212		0	0	ng/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117429-90-5	ALUMINUM (FUME OR DUST)	19900		7.46	41.4	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117439-89-6	IRON	26800	J	3.74	41.4	mg/kg	J		A	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117439-92-1	LEAD	7.63		0.517	3.10	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117439-93-2	LITHIUM	30.3		0.35	4.1	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117439-95-4	MAGNESIUM	5770		1.73	10.3	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117439-96-5	MANGANESE	337		0.0858	1.03	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117439-98-7	MOLYBDENUM	2.07	U	0.176	2.07	mg/kg	J	U	F	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	6010C	11/24/2013	PH128	3.3		117440-02-0	NICKEL	14.4		0.134	2.07	mg/kg				1785651	267151.3	-118.71006
SL-654-SA5A																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8082A	11/22/2013	PH128	3.3		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8082A	11/22/2013	PH128	3.3		153469-21-9	Aroclor 1242	18	U	4.2	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8082A	11/22/2013	PH128	3.3		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1120-12-7	ANTHRACENE	0.42	J	0.34	1.7	ug/kg	J	J	FD, Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1129-00-0	PYRENE	3.9	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1191-24-2	BENZO(G,H,I)PERYLENE	4.5	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1192-97-2	Benzo(e)pyrene	7.1	J	3.4	17	ug/kg	J	J	FD, Q, Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1193-39-5	INDENO(1,2,3-CD)PYRENE	5.4	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1205-99-2	BENZO(B)FLUORANTHENE	11	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1206-44-0	FLUORANTHENE	4.4	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1207-08-9	BENZO(K)FLUORANTHENE	3.6	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		1218-01-9	Chrysene	6.1	J	0.34	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		150-32-8	BENZO(A)PYRENE	6.2	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		153-70-3	DIBENZO(A,H)ANTHRACENE	1.5	J	0.68	1.7	ug/kg	J	J	FD, Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		156-55-3	BENZO(A)ANTHRACENE	4.1	J	0.68	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		185-01-8	PHENANTHRENE	1.6	J	0.68	1.7	ug/kg	J	J	FD, Z	1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	8270D SIM	11/25/2013	PH128	3.3		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1785651	267151.3	-118.71006
SL-654-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7276996	LL	9045M	11/14/2013	PH128	3.3		1pH	PH	8.18		0.0100	0.0100	pH unit				1785651	267151.3	-118.71006
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	160.3M	11/19/2013	PH128	2.9		1MOIST	MOISTURE	2.9		0.10	0.10	%				1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		11746-01-6	2,3,7,8-TCDD	0.0629	J	0.0568	1.03	ng/kg	JB	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.449	J	0.0428	5.13	ng/kg	JB	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		13268-87-9	OCDD	24.6		0.0443	10.3	ng/kg	B			1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	1.67	J	0.0437	5.13	ng/kg	JB	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		139001-02-0	OCDF	0.944	J	0.0535	10.3	ng/kg	JBQ	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0459	J	0.0438	5.13	ng/kg	JBQ	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.13	U	0.0528	5.13	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0996	J	0.0608	1.03	ng/kg	JBQ	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.13	U	0.0301	5.13	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		157117-31-4	2,3,4,7,8-PECDF	5.13	U	0.0311	5.13	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.13	U	0.0291	5.13	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		157117-44-9	1,2,3,6,7,8-HXCDF	5.13	U	0.0306	5.13	ng/kg	JBQ	U	B	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.318	J	0.0474	5.13	ng/kg	J	J	Z	1785719	267118	-118.70984
SL-657-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277003	LL	1613B	11/25/2013	PH128	2.9		160851-34-5	2,3,4,6,7,8-HXCDF	5.13	U	0.0312	5.13	ng/kg	JBQ	U</				

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	9045M	11/14/2013	PH128	4.2		1pH	PH	5.87		0.0100	0.0100	pH unit				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	160.3M	11/19/2013	PH128	4.1		1MOIST	MOISTURE	4.1		0.10	0.10	%				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		11746-01-6	2,3,7,8-TCDD	1.02	U	0.0441	1.02	ng/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.11	U	0.0216	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		13268-87-9	OCDD	10.2	U	0.0504	10.2	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.11	U	0.0338	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		139001-02-0	OCDF	10.2	U	0.0460	10.2	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.11	U	0.0235	5.11	ng/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.11	U	0.0462	5.11	ng/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	U	0.0432	1.02	ng/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.11	U	0.0222	5.11	ng/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		157117-31-4	2,3,4,7,8-PECDF	5.11	U	0.0208	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.11	U	0.0211	5.11	ng/kg	JB	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		157117-44-9	1,2,3,6,7,8-HXCDF	5.11	U	0.0168	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0347	J	0.0245	5.11	ng/kg	JQ	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		160851-34-5	2,3,4,6,7,8-HXCDF	5.11	U	0.0181	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.11	U	0.0152	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		170648-26-9	1,2,3,4,7,8-HXCDF	5.11	U	0.0189	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		172918-21-9	1,2,3,7,8,9-HXCDF	5.11	U	0.0187	5.11	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	1613B	11/26/2013	PH128	4.1		1TCDD TEQ	TCDD TEQ	0.00136		0	0	ng/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17429-90-5	ALUMINUM (FUME OR DUST)	14400		7.37	40.9	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17439-89-6	IRON	21600	J	3.70	40.9	mg/kg		J	A	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17439-92-1	LEAD	5.78		0.511	3.07	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17439-93-2	LITHIUM	24		0.35	4.1	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17439-95-4	MAGNESIUM	4220		1.71	10.2	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17439-96-5	MANGANESE	158		0.0849	1.02	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17439-98-7	MOLYBDENUM	2.04	U	0.174	2.04	mg/kg	J	U	F	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-02-0	NICKEL	9.16		0.133	2.04	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-09-7	POTASSIUM	1530		8.53	102	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-23-5	SODIUM	308		17.1	102	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-31-5	TIN	10.2	U	0.225	10.2	mg/kg	J	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-32-6	TITANIUM METAL POWDER	993		0.174	1.02	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-36-0	ANTIMONY	4.09	UJ	0.757	4.09	mg/kg	U	UJ	Q	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-38-2	ARSENIC	5.47		0.716	4.09	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-39-3	BARIUM	76.2		0.0337	1.02	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-41-7	BERYLLIUM	0.541	J	0.0685	1.02	mg/kg	J	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-42-8	BORON	1.53	J	0.859	10.2	mg/kg	J	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-43-9	CADMIUM	1.02	U	0.0777	1.02	mg/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	6010C	11/24/2013	PH128	4.1		17440-47-3	CHROMIUM	17.7		0.164	3.07	mg/kg				1785834</		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		1192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	8270D SIM	11/26/2013	PH128	4.1		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-3.0-4.0	11/13/2013	N	3	4	ft	SO	5A DG		7277008	LL	9045M	11/14/2013	PH128	4.1		1pH	PH	7.55		0.0100	0.0100	pH unit				1785834	267057.2	-118.70946
SL-670-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277009	LL	160.3M	11/19/2013	PH128	2.7		1MOIST	MOISTURE	2.7		0.10	0.10	%				1785849	267135.5	-118.70941
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	9045M	11/21/2013	PH132	9.6		1pH	PH	6.87		0.0100	0.0100	pH unit				1785346	267516.2	-118.71108
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	160.3M	11/28/2013	PH132	5.1		1MOIST	MOISTURE	5.1		0.10	0.10	%				1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		11746-01-6	2,3,7,8-TCDD	1.05	U	0.0687	1.05	ng/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.559	J	0.0372	5.26	ng/kg	JB	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		13268-87-9	OCDD	243		0.0311	10.5	ng/kg	B			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	16.6		0.0484	5.26	ng/kg	B			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		139001-02-0	OCDF	4.44	J	0.0242	10.5	ng/kg	JB	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.26	U	0.0392	5.26	ng/kg	JB	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.26	U	0.0440	5.26	ng/kg	JB	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.05	U	0.0593	1.05	ng/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		155673-89-7	1,2,3,4,7,8,9-HPCDF	0.256	J	0.0166	5.26	ng/kg	JBQ	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		157117-31-4	2,3,4,7,8-PECDF	5.26	U	0.0279	5.26	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.26	U	0.0300	5.26	ng/kg	JB	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		157117-44-9	1,2,3,6,7,8-HXCDF	5.26	U	0.0294	5.26	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.68	J	0.0420	5.26	ng/kg	JBQ	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		160851-34-5	2,3,4,6,7,8-HXCDF	5.26	U	0.0274	5.26	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		167562-39-4	1,2,3,4,6,7,8-HPCDF	2.26	J	0.0149	5.26	ng/kg	JB	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		170648-26-9	1,2,3,4,7,8-HXCDF	5.26	U	0.0300	5.26	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		172918-21-9	1,2,3,7,8,9-HXCDF	5.26	U	0.0282	5.26	ng/kg	JB	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	1613B	12/6/2013	PH132	5.1		1TCDD TEQ	TCDD TEQ	0.554		0	0	ng/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	6010C	12/3/2013	PH132	5.1		17429-90-5	ALUMINUM (FUME OR DUST)	12900		7.45	41.3	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	6010C	12/3/2013	PH132	5.1		17439-89-6	IRON	18400		3.74	41.3	mg/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	6010C	12/3/2013	PH132	5.1		17439-92-1	LEAD	6.62		0.517	3.10	mg/kg			</			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1	1	11100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1	1	11104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1	1	11126-42-4	Aroclor 5460	35	U	11	35	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1	1	11141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1	1	12642-23-8	Aroclor 5144	35	U	11	35	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1	1	12672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1	1	12674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1	1	37324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1	1	53469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8082A	11/29/2013	PH132	5.1	1	63496-31-1	Aroclor 5432	35	U	11	35	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	129-00-0	PYRENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	131-11-3	DIMETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	191-24-2	BENZO(G,H,I)PERYLENE	0.99	J	0.70	1.8	ug/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	192-97-2	Benzo(e)pyrene	18	U	3.5	18	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	205-99-2	BENZO(B)FLUORANTHENE	2.6		0.70	1.8	ug/kg				1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	206-44-0	FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-865-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099662	LL	8270D SIM	6/29/2013	PH060	2	10	218-01-9	Chrysene	25		3.4	17	ug/kg				1786829	267467.5	-118.70617
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	50-32-8	BENZO(A)PYRENE	0.8	J	0.70	1.8	ug/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	56-55-3	BENZO(A)ANTHRACENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	0.72	J	0.70	1.8	ug/kg	J	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	83-32-9	ACENAPHTHENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	84-66-2	DIETHYL PHTHALATE	19	U	6.3	19	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	84-74-2	Di-n-butylphthalate	19	U	6.3	19	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	85-01-8	PHENANTHRENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	85-68-7	BENZYL BUTYL PHTHALATE	19	U	6.3	19	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	86-73-7	FLUORENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	90-12-0	1-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	91-20-3	NAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	8270D SIM	12/6/2013	PH132	5.1	1	91-57-6	2-METHYLNAPHTHALENE	1.8	U	0.70	1.8	ug/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284469	LL	9045M	11/21/2013	PH132	5.1	1	pH	PH	6.32		0.0100	0.0100	pH unit				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	160.3M	11/28/2013	PH132	8	1	MOIST	MOISTURE	8		0.10	0.10	%				1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8	1	1746-01-6	2,3,7,8-TCDD	1.08	U	0.0803	1.08	ng/kg	U			1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.4	U	0.0298	5.40	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8	1	3268-87-9	OCDD	5.02	J	0.0257	10.8	ng/kg	JB	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	0.675	J	0.0413	5.40	ng/kg	JBQ	J	Z	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8	1	39001-02-0	OCDF	10.8	U	0.0438	10.8	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.4	U	0.0311	5.40	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284470	LL	1613B	12/7/2013	PH132	8	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.4	U	0.0437	5.40	ng/kg	JBQ	U	B	1785429	267430.3	-118.71081
SL-596-SA5A-SB-4.0-5.0	11/19/2013	N	4																									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		111104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		111141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		112672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		112674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		137324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8082A	12/4/2013	PH133	2.4		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		1120-36-5	DICHLORPROP	17	U	9.1	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		11918-00-9	DICAMBA	12	U	4.0	12	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		175-99-0	2,2-DICHLOROPROPIONIC ACID	180	U	180	180	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		188-85-7	DINITROBUTYL PHENOL	24	U	9.1	24	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		193-65-2	MCPP	2500	U	760	2500	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		193-72-1	2,4,5-TP (Silvex)	1.7	U	0.76	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		193-76-5	2,4,5-T	1.7	U	0.83	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		194-74-6	MCPA (2-METHYL-4-CHLOROPHENOXYACETIC AC	2500	U	770	2500	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		194-75-7	2,4-D	36	U	12	36	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8151A	12/5/2013	PH133	2.4		194-82-6	2,4-DB	17	U	6.3	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1129-00-0	PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1191-24-2	BENZO(C,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-866-SA5A-SB-0.0-0.5	6/19/2013	N	0	0.5	ft	SO	5A DG		7099660	LL	8270D SIM	6/29/2013	PH060	2.8		10218-01-9	Chrysene	10	J	3.4	17	ug/kg	J	J	Z	1786877	267461.2	-118.70602
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		185-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	8270D SIM	12/16/2013	PH133	2.4		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	9045M	11/24/2013	PH133	2.4		1pH												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-42-8	BORON	1.74	J	0.851	10.1	mg/kg	J	J	Z	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-43-9	CADMIUM	1.01	U	0.0770	1.01	mg/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-47-3	CHROMIUM	21.8		0.162	3.04	mg/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-48-4	COBALT	4.88		0.100	1.01	mg/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-50-8	COPPER	18.8		0.294	2.03	mg/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-62-2	VANADIUM (FUME OR DUST)	44.9		0.132	1.01	mg/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-66-6	ZINC	62.6	J	0.203	4.05	mg/kg		J	Q	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-67-7	ZIRCONIUM	3.98	J	0.851	5.06	mg/kg	J	J	Z	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7440-70-2	CALCIUM METAL	6570		3.38	20.3	mg/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6010C	12/10/2013	PH136	3.2		1	7723-14-0	PHOSPHORUS	687		2.93	10.1	mg/kg				1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6020A	12/10/2013	PH136	3.2		2	7782-49-2	SELENIUM	0.308	J	0.101	0.405	mg/kg	J	J	Z	1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6020A	12/10/2013	PH136	3.2		2	7440-22-4	SILVER	0.203	U	0.0263	0.203	mg/kg	U			1785801	267429.2	-118.70958
SL-616-SA5A-SB-0.0-0.5	12/2/2013	N	0	0.5	ft	SO	5A DG		7298806	LL	6020A	12/10/2013	PH136	3.2		2	7440-24-6	STRONTIUM	44.3		0.0689	0.405	mg/kg				1785801	267429.2	-118.70958
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-36-0	ANTIMONY	4.29	UJ	0.793	4.29	mg/kg	U	UJ	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-38-2	ARSENIC	4.15	J	0.750	4.29	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-39-3	BARIUM	81.4		0.0354	1.07	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-41-7	BERYLLIUM	0.549	J	0.0718	1.07	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-42-8	BORON	2.39	J	0.900	10.7	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-43-9	CADMIUM	1.07	U	0.0815	1.07	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-47-3	CHROMIUM	14.3		0.172	3.22	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-48-4	COBALT	4.4		0.106	1.07	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-50-8	COPPER	6.59		0.311	2.14	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-62-2	VANADIUM (FUME OR DUST)	30.2		0.139	1.07	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-66-6	ZINC	49.3		0.214	4.29	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-67-7	ZIRCONIUM	2.81	J	0.900	5.36	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7440-70-2	CALCIUM METAL	2810	J	3.58	21.4	mg/kg		J	E	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3		1	7723-14-0	PHOSPHORUS	266	J	3.10	10.7	mg/kg		J	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6020A	11/27/2013	PH129	10.3		2	7440-22-4	SILVER	0.0281	J	0.0279	0.214	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6020A	11/27/2013	PH129	10.3		2	7440-24-6	STRONTIUM	18.9		0.0729	0.429	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6020A	11/27/2013	PH129	10.3		2	7440-28-0	THALLIUM	0.256		0.0322	0.214	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6020A	11/27/2013	PH129	10.3		2	7782-49-2	SELENIUM	0.138	J	0.107	0.429	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	7199	11/26/2013	PH129	10.3		1	18540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	0.41	J	0.15	0.44	mg/kg	J	J	E, Q, Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	7471B	11/26/2013	PH129	10.3		1	7439-97-6	MERCURY	0.0125	J	0.0109	0.0181	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8015M	11/23/2013	PH129	10.3		1	PHCC12C14	EFH (C12-C14)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8015M	11/23/2013	PH129	10.3		1	PHCC15C20	EFH (C15-C20)	4.6	J	2.2	5.6	mg/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8015M	11/23/2013	PH129	10.3		1	PHCC21C30	EFH (C21-C30)	14		2.2	5.6	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8015M	11/23/2013	PH129	10.3		1	PHCC30C40	EFH (C30-C40)	22		4.5	11	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8015M	11/23/2013	PH129	10.3		1	PHCC8C11	EFH (C8-C11)	5.6	U	2.2	5.6	mg/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8015M	11/21/2013	PH129	10.3	22.64	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U			1785404	267503.8	-118.71089	
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8082A	11/26/2013	PH129	10.3		1	11096-82-5	Aroclor 1260	19	U	4.3	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8082A	11/26/2013	PH129	10.3		1	11097-69-1	Aroclor 1254	19	U	4.8	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8082A	11/26/2013	PH129	10.3		1	11100-14-4	Aroclor 1268	19	U	3.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8082A	11/26/2013	PH129	10.3		1	11104-28-2	Aroclor 1221	19	U	5.6	19	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8082A	11/26/2013	PH129	10.3		1	11126-42-4	Aroclor 5460	36	U	11	36	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	8082A	11/26/2013	PH129	10.3		1	11141-16-5												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		11746-01-6	2,3,7,8-TCDD	1	U	0.0951	1.00	ng/kg	U			1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.324	J	0.0425	5.00	ng/kg	JBQ	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		13268-87-9	OCDD	49.8		0.0638	10.0	ng/kg	B			1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.12	J	0.0706	5.00	ng/kg	JB	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		139001-02-0	OCDF	2.21	J	0.0765	10.0	ng/kg	JBQ	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5	U	0.0482	5.00	ng/kg	U			1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5	U	0.0593	5.00	ng/kg	U			1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1	U	0.103	1.00	ng/kg	U			1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	5	U	0.0436	5.00	ng/kg	JBQ	U	B	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		157117-31-4	2,3,4,7,8-PECDF	5	U	0.0447	5.00	ng/kg	JBQ	U	B	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5	U	0.0458	5.00	ng/kg	JBQ	U	B	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		157117-44-9	1,2,3,6,7,8-HXCDF	5	U	0.0574	5.00	ng/kg	U			1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.184	J	0.0485	5.00	ng/kg	JQ	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		160851-34-5	2,3,4,6,7,8-HXCDF	5	U	0.0512	5.00	ng/kg	JB	U	B	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	0.894	J	0.0299	5.00	ng/kg	JB	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		170648-26-9	1,2,3,4,7,8-HXCDF	0.115	J	0.0614	5.00	ng/kg	JQ	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		172918-21-9	1,2,3,7,8,9-HXCDF	5	U	0.0463	5.00	ng/kg	JBQ	U	B	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	1613B	12/4/2013	PH131	2.4		1TCDD TEQ	TCDD TEQ	0.0712		0	0	ng/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17429-90-5	ALUMINUM (FUME OR DUST)	14200		7.31	40.6	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17439-89-6	IRON	18400		3.67	40.6	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17439-92-1	LEAD	7.69		0.507	3.04	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17439-93-2	LITHIUM	18.6		0.34	4.1	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17439-95-4	MAGNESIUM	3800		1.69	10.1	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17439-96-5	MANGANESE	274		0.0842	1.01	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17439-98-7	MOLYBDENUM	2.03	U	0.172	2.03	mg/kg	J	U	F	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-02-0	NICKEL	10.1		0.132	2.03	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-09-7	POTASSIUM	3440	J	8.46	101	mg/kg		J	Q	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-23-5	SODIUM	137		16.9	101	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-32-6	TITANIUM METAL POWDER	1080		0.172	1.01	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-36-0	ANTIMONY	4.06	UJ	0.751	4.06	mg/kg	U		UJ	Q	1785951	267730.2	-118.70909
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-38-2	ARSENIC	3.06	J	0.710	4.06	mg/kg	J	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-39-3	BARIUM	105		0.0335	1.01	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-41-7	BERYLLIUM	0.509	J	0.0680	1.01	mg/kg	J	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-42-8	BORON	2.11	J	0.852	10.1	mg/kg	J	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-43-9	CADMIUM	0.166	J	0.0771	1.01	mg/kg	J	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-47-3	CHROMIUM	17.2		0.162	3.04	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-48-4	COBALT	4.24		0.100	1.01	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-50-8	COPPER	12.1		0.294	2.03	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-62-2	VANADIUM (FUME OR DUST)	31.6		0.132	1.01	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-66-6	ZINC	199		0.203	4.06	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-67-7	ZIRCONIUM	3.62	J	0.852	5.07	mg/kg	J	J	Z	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17440-70-2	CALCIUM METAL	13700		3.39	20.3	mg/kg				1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6010C	12/2/2013	PH131	2.4		17723-14-0	PHOSPHORUS	367	J	2.93	10.1	mg/kg		J	Q	1785951	267730.2	-118.70909	
SL-696-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282326	LL	6020A	12/2/2013	PH131	2.4		27782-49-2	SELENIUM	0.148	J	0.101	0.406	mg/kg	J	J	Z	1			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		184-66-2	DIETHYL PHTHALATE	18	U	6.2	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		184-74-2	Di-n-butylphthalate	18	U	6.2	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		185-01-8	PHENANTHRENE	1.7	UJ	0.68	1.7	ug/kg	U	UJ	FD	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.2	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8270D SIM	12/4/2013	PH132	3.8		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	9045M	11/21/2013	PH132	3.8		1pH	PH	6.81		0.0100	0.0100	pH unit				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	160.3M	11/28/2013	PH132	5.7		1MOIST	MOISTURE	5.7		0.10	0.10	%				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		11746-01-6	2,3,7,8-TCDD	1.05	U	0.0713	1.05	ng/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.27	U	0.0279	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		13268-87-9	OCDD	1.39	J	0.0248	10.5	ng/kg	JB	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.27	U	0.0288	5.27	ng/kg	JB	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		139001-02-0	OCDF	10.5	U	0.0343	10.5	ng/kg	JB	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.27	U	0.0296	5.27	ng/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.27	U	0.0424	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0694	J	0.0625	1.05	ng/kg	JQ	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.27	U	0.0179	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		157117-31-4	2,3,4,7,8-PECDF	5.27	U	0.0222	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.27	U	0.0245	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		157117-44-9	1,2,3,6,7,8-HXCDF	5.27	U	0.0242	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.27	U	0.0302	5.27	ng/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		160851-34-5	2,3,4,6,7,8-HXCDF	5.27	U	0.0241	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.27	U	0.0153	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		170648-26-9	1,2,3,4,7,8-HXCDF	5.27	U	0.0242	5.27	ng/kg	JB	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		172918-21-9	1,2,3,7,8,9-HXCDF	5.27	U	0.0246	5.27	ng/kg	JBQ	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	1613B	12/8/2013	PH132	5.7		1TCDD TEQ	TCDD TEQ	0.0109		0		ng/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17429-90-5	ALUMINIUM (FUME OR DUST)	18200		7.65	42.4	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17439-89-6	IRON	21700		3.84	42.4	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17439-92-1	LEAD	6.71		0.530	3.18	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17439-93-2	LITHIUM	18.4		0.36	4.2	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17439-95-4	MAGNESIUM	4000		1.77	10.6	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17439-96-5	MANGANESE	241		0.0880	1.06	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17439-98-7	MOLYBDENUM	2.12	U	0.180	2.12	mg/kg	J	U	F	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-02-0	NICKEL	8.64		0.138	2.12	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-09-7	POTASSIUM	1570		8.84	106	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-23-5	SODIUM	136		17.7	106	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-31-5	TIN	10.6	U	0.233	10.6	mg/kg	J	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-32-6	TITANIUM METAL POWDER	1130		0.180	1.06	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-36-0	ANTIMONY	4.24	UJ	0.785	4.24	mg/kg	U	UJ	Q	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-38-2	ARSENIC	5.08		0.742	4.24	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-39-3	BARIUM	102		0.0350	1.06	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-41-7	BERYLLIUM	0.725	J	0.0710	1.06	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	6010C	12/3/2013	PH132	5.7		17440-42-8	BORON	3.78	J	0.891	10.6	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-7																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8081B	12/3/2013	PH132	5.7		172-55-9	4,4'-DDE	1.8	U	0.35	1.8	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8081B	12/3/2013	PH132	5.7		17421-93-4	ENDRIN ALDEHYDE	1.8	U	0.35	1.8	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8081B	12/3/2013	PH132	5.7		176-44-8	HEPTACHLOR	0.87	U	0.18	0.87	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8081B	12/3/2013	PH132	5.7		18001-35-2	Toxaphene	35	U	15	35	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8081B	12/3/2013	PH132	5.7		1959-98-8	ENDOSULFAN I	0.87	U	0.23	0.87	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		111097-69-1	Aroclor 1254	18	U	4.7	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		111100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		111104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		111126-42-4	Aroclor 5460	35	U	11	35	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		111141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		112642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		112672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		112674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-4.0-5.0	11/19/2013	N	4	5	ft	SO	5A DG		7284476	LL	8082A	11/29/2013	PH132	5.7		137324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U			1786122	267614.4	-118.70852
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		153469-21-9	Aroclor 1242	18	U	4.2	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1129-00-0	PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-868-SA5A-SB-0.0-0.5	6/20/2013	N	0	0.5	ft	SO	5A DG		7102688	LL	8270D SIM	6/29/2013	PH061	0.66	10	218-01-9	Chrysene	5.9	J	3.3	17	ug/kg	J	J	Z	1786945	267465.9	-118.70579
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		185-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8270D SIM	12/16/2013	PH135	3.1		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	9045M	11/27/2013	PH135	3.1		pH	PH	8.81		0.0100	0.0100	pH unit				1786269	267786.4	-118.70804
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	160.3M	12/6/2013	PH135	2		1MOIST	MOISTURE	2		0.1								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-43-9	CADMIUM	0.304	J	0.0760	1.00	mg/kg	J	J	Z	1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-47-3	CHROMIUM	18.1		0.160	3.00	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-48-4	COBALT	5.39		0.0990	1.00	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-50-8	COPPER	9.06		0.290	2.00	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-62-2	VANADIUM (FUME OR DUST)	34.4		0.130	1.00	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-66-6	ZINC	59.6		0.200	4.00	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-67-7	ZIRCONIUM	5	U	0.840	5.00	mg/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17440-70-2	CALCIUM METAL	2110		3.34	20.0	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6010C	12/3/2013	PH135	2		17723-14-0	PHOSPHORUS	551		2.89	10.0	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6020A	12/3/2013	PH135	2	2	7440-22-4	SILVER	0.2	U	0.0260	0.200	mg/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6020A	12/3/2013	PH135	2	2	7782-49-2	SELENIUM	0.136	J	0.100	0.400	mg/kg	J	J	Z	1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6020A	12/3/2013	PH135	2	2	7440-24-6	STRONTIUM	13.6	J	0.0680	0.400	mg/kg		J	Q	1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	6020A	12/3/2013	PH135	2	2	7440-28-0	THALLIUM	0.278		0.0300	0.200	mg/kg				1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	7471B	12/3/2013	PH135	2	1	7439-97-6	MERCURY	0.011	J	0.0097	0.0161	mg/kg	J	J	Z	1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8015M	12/7/2013	PH135	2		1PHCC12C14	EFH (C12-C14)	5	U	2.0	5.0	mg/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8015M	12/7/2013	PH135	2		1PHCC15C20	EFH (C15-C20)	5	U	2.0	5.0	mg/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8015M	12/7/2013	PH135	2		1PHCC21C30	EFH (C21-C30)	2	J	2.0	5.0	mg/kg	J	J	Z	1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8015M	12/7/2013	PH135	2		1PHCC30C40	EFH (C30-C40)	5.3	J	4.0	10	mg/kg	J	J	Z	1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8015M	12/7/2013	PH135	2		1PHCC8C11	EFH (C8-C11)	5	U	2.0	5.0	mg/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		111096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		111097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		111100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		111104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		111141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		112672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		112674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		137324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8082A	12/9/2013	PH135	2		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1129-00-0	PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-869-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094787	LL	8270D SIM	6/23/2013	PH057	2.4		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1786952	267402.2	-118.70577
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70792
SL-724-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295438	LL	8270D SIM	12/16/2013	PH135	2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786305	267740.1	-118.70

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8082A	12/1/2013	PH131	2.1		137324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8082A	12/1/2013	PH131	2.1		153469-21-9	Aroclor 1242	17	U	4.2	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8082A	12/1/2013	PH131	2.1		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1129-00-0	PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1205-99-2	BENZO(B)FLUORANTHENE	0.69	J	0.68	1.7	ug/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1206-44-0	FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-870-SA5A-SB-0.0-0.5	6/14/2013	N	0	0.5	ft	SO	5A DG		7094788	LL	8270D SIM	6/23/2013	PH057	1.8		1218-01-9	Chrysene	0.74	J	0.33	1.7	ug/kg	J	J	Z	1786993	267371	-118.70563
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		185-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	8270D SIM	12/4/2013	PH131	2.1		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	9045M	11/20/2013	PH131	2.1		1pH	PH	6.5		0.0100	0.0100	pH unit				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	160.3M	11/26/2013	PH131	2.3		1MOIST	MOISTURE	2.3		0.10	0.10	%				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		11746-01-6	2,3,7,8-TCDD	0.999	U	0.115	0.999	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.99	U	0.0719	4.99	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		13268-87-9	OCDD	82.8		0.0485	9.99	ng/kg	B			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	6.49		0.0915	4.99	ng/kg	B			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		139001-02-0	OCDF	4	J	0.0719	9.99	ng/kg	JBQ	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.99	UJ	0.0658	4.99	ng/kg	JBQ	UJ	B, FD	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0932	J	0.0769	4.99	ng/kg	JQ	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.999	U	0.122	0.999	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		155673-89-7	1,2,3,4,7,8,9-HPCDF	4.99	U	0.0501	4.99	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		157117-31-4	2,3,4,7,8-PECDF	4.99	U	0.0497	4.99	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.99	U	0.0532	4.99	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		157117-44-9	1,2,3,6,7,8-HXCDF	0.177	J	0.0564	4.99	ng/kg	JBQ	J	FD, Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.391	J	0.0656	4.99	ng/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	1613B	12/4/2013	PH131	2.3		160851-34-5	2,3,4,6,7,8-HXCDF	4.99	U	0.0596	4.99	ng/kg	JB	U	B			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	801SM	11/22/2013	PH128	9.2		1	PHCC8C11	EFH (C8-C11)	5.4	U	2.2	5.4	mg/kg	U		1785732	267079.7	-118.7098
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	801SM	11/21/2013	PH128	9.2	23.5	GROCS6C12	GASOLINE RANGE ORGANICS (C5-C12)	1	U	0.2	1.0	mg/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2	1	11096-82-5	Aroclor 1260	19	U	4.3	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2	1	11097-69-1	Aroclor 1254	19	U	4.8	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2	1	11100-14-4	Aroclor 1268	19	U	3.6	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2	1	11104-28-2	Aroclor 1221	19	U	5.6	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2	1	11126-42-4	Aroclor 5460	36	U	11	36	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2	1	11141-16-5	Aroclor 1232	19	U	4.5	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2	1	12642-23-8	Aroclor 5442	36	U	11	36	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2	1	12672-29-6	Aroclor 1248	19	U	3.6	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2	1	12674-11-2	Aroclor 1016	19	U	3.6	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2	1	37324-23-5	Aroclor 1262	19	U	3.6	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2	1	53469-21-9	Aroclor 1242	19	U	4.5	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8082A	11/22/2013	PH128	9.2	1	63496-31-1	Aroclor 5432	36	U	11	36	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.6	20	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	117-84-0	Di-n-octylphthalate	20	U	6.6	20	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	120-12-7	ANTHRACENE	1.8	U	0.37	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	129-00-0	PYRENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	192-97-2	Benzo(e)pyrene	19	U	3.7	19	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	1206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	1208-96-8	ACENAPHTHYLENE	1.8	U	0.37	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	1218-01-9	Chrysene	1.8	U	0.37	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	150-32-8	BENZO(A)PYRENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	183-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	184-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	184-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	185-01-8	PHENANTHRENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	186-73-7	FLUORENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	191-20-3	NAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	8270D SIM	11/25/2013	PH128	9.2	1	191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.73	1.8	ug/kg	U		1785732	267079.7	-118.7098	
SL-658-SA5A-SB-7.0-8.0	11/13/2013	N	7	8	ft	SO	5A DG		7277004	LL	9045M	11/14/2013	PH128	9.2	1	pH	PH	7.45		0.0100	0.0100	pH unit			1785732	267079.7	-118.7098	
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	160.3M	11/19/2013	PH128	4.2	1	MOIST	MOISTURE	4.2		0.10	0.10	%			1785834	267057.2	-118.70946	
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	1613B	11/26/2013	PH128	4.2	1	1746-01-6	2,3,7,8-TCDD	0.0422	J	0.0411	1.03	ng/kg	JQ	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	1613B	11/26/2013	PH128	4.2	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.441	J	0.0287	5.13	ng/kg	JB	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	1613B	11/26/2013	PH128	4.2	1	3268-87-9	OCDD	10.3	U	0.0330	10.3	ng/kg	JB	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	1613B	11/26/2013	PH128	4.2	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.13	U	0.0240	5.13	ng/kg	JBQ	U	B	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	1																											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6010C	11/24/2013	PH128	4.2		1	7440-62-2	VANADIUM (FUME OR DUST)	34.5		0.130	1.00	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6010C	11/24/2013	PH128	4.2		1	7440-66-6	ZINC	48		0.201	4.01	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6010C	11/24/2013	PH128	4.2		1	7440-67-7	ZIRCONIUM	3.2	J	0.843	5.02	mg/kg	J	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6010C	11/24/2013	PH128	4.2		1	7440-70-2	CALCIUM METAL	1580		3.35	20.1	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6010C	11/24/2013	PH128	4.2		1	7723-14-0	PHOSPHORUS	231		2.90	10.0	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6020A	11/26/2013	PH128	4.2		2	7782-49-2	SELENIUM	0.144	J	0.100	0.401	mg/kg	J	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6020A	11/26/2013	PH128	4.2		2	7440-22-4	SILVER	0.0283	J	0.0261	0.201	mg/kg	J	J	Z	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6020A	11/26/2013	PH128	4.2		2	7440-24-6	STRONTIUM	19.2	J	0.0683	0.401	mg/kg		J	Q	1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	6020A	11/26/2013	PH128	4.2		2	7440-28-0	THALLIUM	0.289		0.0301	0.201	mg/kg				1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	7471B	11/25/2013	PH128	4.2		1	7439-97-6	MERCURY	0.0171	U	0.0102	0.0171	mg/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8015M	11/22/2013	PH128	4.2		1	PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8015M	11/22/2013	PH128	4.2		1	PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8015M	11/22/2013	PH128	4.2		1	PHCC21C30	EFH (C21-C30)	5.2	U	2.1	5.2	mg/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8015M	11/22/2013	PH128	4.2		1	PHCC30C40	EFH (C30-C40)	10	U	4.2	10	mg/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8015M	11/22/2013	PH128	4.2		1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	11096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	11097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	11100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	11104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	11141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	12672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	12674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	37324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	53469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8082A	11/22/2013	PH128	4.2		1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		1	117-84-0	Di-n-octylphtthalate	19	U	6.2	19	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		1	120-12-7	ANTHRACENE	1.7	U	0.35	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		1	129-00-0	PYRENE	1.7	U	0.69	1.7	ug/kg	U			1785834	267057.2	-118.70946
SL-667-SA5A-SB-0.0-0.5	11/13/2013	N	0	0.5	ft	SO	5A DG		7277007	LL	8270D SIM	11/26/2013	PH128	4.2		1	131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1785834	267057.2	-118.70946
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-36-0	ANTIMONY	4.38	UJ	0.810	4.38	mg/kg	U	UJ	Q	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-38-2	ARSENIC	3.22	J	0.767	4.38	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-39-3	BARIUM	81.8		0.0361	1.10	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-41-7	BERYLLIUM	0.422	J	0.0734	1.10	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-42-8	BORON	3.17	J	0.920	11.0	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-43-9	CADMIUM	0.18	J	0.0832	1.10	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-47-3	CHROMIUM	12.1		0.175	3.29	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-48-4	COBALT	3.97		0.108	1.10	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-50-8	COPPER	6.48		0.318	2.19	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-62-2	VANADIUM (FUME OR DUST)	25.5		0.142	1.10	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-66-6	ZINC	56.2		0.219	4.38	mg/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-67-7	ZIRCONIUM	1.1	J	0.920	5.48	mg/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	6010C	12/3/2013	PH132	9.6		1	7440-70-2	CALCIUM METAL	2750		3.66	21.9	mg/kg				1		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	107-13-1	ACRYLONITRILE	23	U	5	23	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	108-05-4	VINYL ACETATE	11	U	2	11	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	108-10-1	4-Methyl-2-Pentanone (MIBK)	11	U	3	11	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	108-20-3	DIISOPROPYL ETHER	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	108-67-8	1,3,5-Trimethylbenzene	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	108-86-1	BROMOBENZENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	108-88-3	TOLUENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	108-90-7	CHLOROBENZENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	110-75-8	2-CHLOROETHYL VINYL ETHER	11	U	2	11	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	120-82-1	1,2,4-TRICHLOROBENZENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	124-48-1	DIBROMOCHLOROMETHANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	127-18-4	TETRACHLOROETHENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	135-98-8	2-PHENYLBUTANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	142-28-9	1,3-DICHLOROPROPANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	156-59-2	CIS-1,2-DICHLOROETHENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	156-60-5	TRANS-1,2-DICHLOROETHENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	1634-04-4	METHYL TERT-BUTYL ETHER	6	U	0.6	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	179601-23-1	M,P-XYLENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	541-73-1	1,3-DICHLOROBENZENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	56-23-5	CARBON TETRACHLORIDE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	563-58-6	1,1-Dichloropropene	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	591-78-6	2-Hexanone	11	U	3	11	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	594-20-7	2,2-DICHLOROPROPANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	630-20-6	1,1,1,2-TETRACHLOROETHANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	637-92-3	tert-Butyl ethyl ether	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	67-64-1	ACETONE	62		8	23	ug/kg				1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	67-66-3	CHLOROFORM	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	71-43-2	BENZENE	6	U	0.6	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	71-55-6	1,1,1-TRICHLOROETHANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	74-83-9	BROMOMETHANE	6	U	2	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	74-87-3	CHLOROMETHANE	6	U	2	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	74-88-4	Methyl Iodide	6	U	3	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	74-95-3	DIBROMOMETHANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	74-97-5	Bromochloromethane	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-00-3	CHLOROETHANE	6	U	2	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-01-4	VINYL CHLORIDE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-09-2	METHYLENE CHLORIDE	6	U	2	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-15-0	CARBON DISULFIDE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-25-2	BROMOFORM	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-27-4	BROMODICHLOROMETHANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-34-3	1,1-DICHLOROETHANE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-35-4	1,1-DICHLOROETHENE	6	U	1	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-65-0	TERT-BUTYL ALCOHOL	57	U	23	57	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-69-4	TRICHLOROFLUOROMETHANE	6	U	2	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-71-8	DICHLORODIFLUOROMETHANE	6	U	2	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8260B	11/22/2013	PH132	9.6	1.03	75-88-7	2-Chloro-1,1,1-trifluoroethane	6	U	2	6	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft																							

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		183-32-9	ACENAPHTHENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		184-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		184-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		185-01-8	PHENANTHRENE	1.1	J	0.74	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		186-73-7	FLUORENE	0.75	J	0.74	1.8	ug/kg	J	J	Z	1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		190-12-0	1-METHYLNAPHTHALENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		191-20-3	NAPHTHALENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-518-SA5A-SB-7.0-8.0	11/19/2013	N	7	8	ft	SO	5A DG		7284466	LL	8270D SIM	12/5/2013	PH132	9.6		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.74	1.8	ug/kg	U			1785346	267516.2	-118.71108
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	1613B	12/12/2013	PH133	9.5		1TCDD TEQ	TCDD TEQ	0.0172		0		ng/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17429-90-5	ALUMINUM (FUME OR DUST)	24100		7.81	43.3	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17439-89-6	IRON	27600	J	3.92	43.3	mg/kg		J	Q	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17439-92-1	LEAD	8.56		0.542	3.25	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17439-93-2	LITHIUM	30		0.37	4.3	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17439-95-4	MAGNESIUM	5090		1.81	10.8	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17439-96-5	MANGANESE	283		0.0899	1.08	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17439-98-7	MOLYBDENUM	2.17	U	0.184	2.17	mg/kg	J	U	F	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-02-0	NICKEL	13.7		0.141	2.17	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-09-7	POTASSIUM	1730	J	9.03	108	mg/kg		J	Q	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-23-5	SODIUM	97.5	J	18.1	108	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-31-5	TIN	10.8	U	0.238	10.8	mg/kg	J	U	B	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-32-6	TITANIUM METAL POWDER	1380		0.184	1.08	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-36-0	ANTIMONY	4.33	UJ	0.802	4.33	mg/kg	U	UJ	Q	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-38-2	ARSENIC	7.44		0.758	4.33	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-39-3	BARIUM	114		0.0357	1.08	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-41-7	BERYLLIUM	0.882	J	0.0726	1.08	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-42-8	BORON	4.23	J	0.910	10.8	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-43-9	CADMIUM	1.08	U	0.0823	1.08	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-47-3	CHROMIUM	25		0.173	3.25	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-48-4	COBALT	6.01		0.107	1.08	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-50-8	COPPER	14.6		0.314	2.17	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-62-2	VANADIUM (FUME OR DUST)	49.3		0.141	1.08	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-66-6	ZINC	49.8		0.217	4.33	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-67-7	ZIRCONIUM	3	J	0.910	5.42	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17440-70-2	CALCIUM METAL	2670		3.62	21.7	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6010C	12/9/2013	PH133	9.5		17723-14-0	PHOSPHORUS	177	J	3.13	10.8	mg/kg		J	Q	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6020A	12/9/2013	PH133	9.5		27782-49-2	SELENIUM	0.433	U	0.108	0.433	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6020A	12/9/2013	PH133	9.5		27440-22-4	SILVER	0.0405	J	0.0282	0.217	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6020A	12/9/2013	PH133	9.5		27440-24-6	STRONTIUM	27.5		0.0737	0.433	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	6020A	12/9/2013	PH133	9.5		27440-28-0	THALLIUM	0.259		0.0325	0.217	mg/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	7471B	12/7/2013	PH133	9.5		17439-97-6	MERCURY	0.0112	J	0.0110	0.0183	mg/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8015M	12/4/2013	PH133	9.5		1PHCC12C14	EFH (C12-C14)	5.5	U	2.2	5.5	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8015M	12/4/2013	PH133	9.5		1PHCC15C20	EFH (C15-C20)	5.5	U	2.2	5.5	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8015M	12/4/2013	PH133	9.5		1PHCC21C30	EFH (C21-C30)	5.5	U	2.2	5.5	mg/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4																									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8270D SIM	12/14/2013	PH133	9.5		185-01-8	PHENANTHRENE	1.8	U	0.74	1.8	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8270D SIM	12/14/2013	PH133	9.5		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8270D SIM	12/14/2013	PH133	9.5		186-73-7	FLUORENE	1.8	U	0.74	1.8	ug/kg	U			1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8270D SIM	12/14/2013	PH133	9.5		190-12-0	1-METHYLNAPHTHALENE	1.1	J	0.74	1.8	ug/kg	J	J	Z	1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8270D SIM	12/14/2013	PH133	9.5		191-20-3	NAPHTHALENE	2		0.74	1.8	ug/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	8270D SIM	12/14/2013	PH133	9.5		191-57-6	2-METHYLNAPHTHALENE	2.4		0.74	1.8	ug/kg				1785955	267194.2	-118.70906
SL-676-SA5A-SB-4.0-5.0	11/22/2013	N	4	5	ft	SO	5A DG		7290759	LL	9045M	11/24/2013	PH133	9.5		pH	PH	7.15		0.0100	0.0100	pH unit				1785955	267194.2	-118.70906
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	160.3M	12/5/2013	PH133	2.4		1MOIST	MOISTURE	2.4		0.10	0.10	%				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		11746-01-6	2,3,7,8-TCDD	0.0856	J	0.0552	1.02	ng/kg	JQ	J	Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.364	J	0.0447	5.08	ng/kg	J	J	Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		13268-87-9	OCDD	61.6	J	0.0476	10.2	ng/kg	B	J	FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.89	J	0.0438	5.08	ng/kg	B	J	FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		139001-02-0	OCDF	5.97	J	0.0583	10.2	ng/kg	JB	J	FD, Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.116	J	0.0466	5.08	ng/kg	J	J	FD, Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.08	UJ	0.0422	5.08	ng/kg	JBQ	UJ	B, FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.02	UJ	0.0561	1.02	ng/kg	U	UJ	FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.08	U	0.0288	5.08	ng/kg	JBQ	U	B	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		157117-31-4	2,3,4,7,8-PECDF	5.08	UJ	0.0295	5.08	ng/kg	JBQ	UJ	B, FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.08	UJ	0.0308	5.08	ng/kg	JB	UJ	B, FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		157117-44-9	1,2,3,6,7,8-HXCDF	0.138	J	0.0340	5.08	ng/kg	JQ	J	FD, Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.317	J	0.0491	5.08	ng/kg	JBQ	J	Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		160851-34-5	2,3,4,6,7,8-HXCDF	0.155	J	0.0358	5.08	ng/kg	JQ	J	FD, Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		167562-39-4	1,2,3,4,6,7,8-HPCDF	1.32	J	0.0232	5.08	ng/kg	JB	J	FD, Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		170648-26-9	1,2,3,4,7,8-HXCDF	5.08	UJ	0.0362	5.08	ng/kg	JBQ	UJ	B, FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		172918-21-9	1,2,3,7,8,9-HXCDF	0.208	J	0.0409	5.08	ng/kg	J	J	FD, Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	1613B	12/12/2013	PH133	2.4		1TCDD TEQ	TCDD TEQ	0.168		0	0	ng/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17429-90-5	ALUMINUM (FUME OR DUST)	16800		7.31	40.6	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17439-89-6	IRON	22100	J	3.67	40.6	mg/kg		J	Q	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17439-92-1	LEAD	5.87		0.507	3.04	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17439-93-2	LITHIUM	23.4		0.34	4.1	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17439-95-4	MAGNESIUM	4710		1.69	10.1	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17439-96-5	MANGANESE	316		0.0842	1.01	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17439-98-7	MOLYBDENUM	2.03	UJ	0.172	2.03	mg/kg	J	UJ	F, FD	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-02-0	NICKEL	12.3		0.132	2.03	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-09-7	POTASSIUM	3410	J	8.46	101	mg/kg		J	Q	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-23-5	SODIUM	124		16.9	101	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-32-6	TITANIUM METAL POWDER	1260		0.172	1.01	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-36-0	ANTIMONY	4.06	UJ	0.751	4.06	mg/kg	U	UJ	Q	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-38-2	ARSENIC	4.79		0.710	4.06	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-39-3	BARIUM	98.9		0.0335	1.01	mg/kg				1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-41-7	BERYLLIUM	0.591	J	0.0680	1.01	mg/kg	J	J	Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-42-8	BORON	4.7	J	0.852	10.1	mg/kg	J	J	Z	1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-43-9	CADMIUM	1.01	U	0.0771	1.01	mg/kg	U			1786161	267398.6	-118.70838
SL-686-SA5A-SB-0.0-0.5	11/22/2013	N	0	0.5	ft	SO	5A DG		7290760	LL	6010C	12/9/2013	PH133	2.4		17440-47-3												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	67-66-3	CHLOROFORM	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	71-43-2	BENZENE	5	U	0.5	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	71-55-6	1,1,1-TRICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	74-83-9	BROMOMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	74-87-3	CHLOROMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	74-88-4	Methyl Iodide	5	U	3	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	74-95-3	DIBROMOMETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	74-97-5	Bromochloromethane	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-00-3	CHLOROETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-01-4	VINYL CHLORIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-09-2	METHYLENE CHLORIDE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-15-0	CARBON DISULFIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-25-2	BROMOFORM	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-27-4	BROMODICHLOROMETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-34-3	1,1-DICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-35-4	1,1-DICHLOROETHENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-65-0	TERT-BUTYL ALCOHOL	53	U	21	53	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-69-4	TRICHLOROFLUOROMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-71-8	DICHLORODIFLUOROMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	75-88-7	2-Chloro-1,1,1-trifluoroethane	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	78-87-5	1,2-DICHLOROPROPANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	78-93-3	2-Butanone (MEK)	11	U	4	11	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	79-00-5	1,1,2-TRICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	79-01-6	TRICHLOROETHENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	79-34-5	1,1,2,2-TETRACHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	79-38-9	Chlorotrifluoroethylene	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	87-61-6	1,2,3-TRICHLOROBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	87-68-3	HEXACHLORO-1,3-BUTADIENE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	95-47-6	O-XYLENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	95-49-8	2-CHLOROTOLUENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	95-50-1	1,2-DICHLOROBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	95-63-6	1,2,4-TRIMETHYLBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	96-12-8	1,2-Dibromo-3-Chloropropane	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	96-18-4	1,2,3-Trichloropropane	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	98-06-6	TERT-BUTYLBENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	98-82-8	Isopropylbenzene	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	99-87-6	CYMENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B	11/22/2013	PH129	10	0.95	994-05-8	Tert-Amyl-Methyl-Ether	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8260B SIM	11/25/2013	PH129	10	25.2	123-91-1	1,4-DIOXANE	17	U	5.6	17	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8270D SIM	11/26/2013	PH129	10		1110-91-8	MORPHOLINE	22	U	22	22	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8270D SIM	11/26/2013	PH129	10		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	UJ	6.6	20	ug/kg	U	UJ	L	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8270D SIM	11/26/2013	PH129	10		1117-84-0	Di-n-octylphthalate	20	UJ	6.6	20	ug/kg	U	UJ	L	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8270D SIM	11/26/2013	PH129	10		1120-12-7	ANTHRACENE	1.8	U	0.36	1.8	ug/kg	U			1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8270D SIM	11/26/2013	PH129	10		1129-00-0	PYRENE	1.7	J	0.73	1.8	ug/kg	J	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-14.0-15.0	11/14/2013	N	14	15	ft	SO	5A DG		7279116	LL	8270D SIM	11/26/2013	PH129	10		1131-11-3	DIMETHYL PHTHALATE											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	1613B	11/27/2013	PH129	10.3	1	57117-44-9	1,2,3,6,7,8-HXCDF	5.37	U	0.0435	5.37	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	1613B	11/27/2013	PH129	10.3	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.37	U	0.0589	5.37	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	1613B	11/27/2013	PH129	10.3	1	60851-34-5	2,3,4,6,7,8-HXCDF	5.37	U	0.0424	5.37	ng/kg	JB	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	1613B	11/27/2013	PH129	10.3	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	0.385	J	0.0311	5.37	ng/kg	JBQ	J	Z	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	1613B	11/27/2013	PH129	10.3	1	70648-26-9	1,2,3,4,7,8-HXCDF	5.37	U	0.0441	5.37	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	1613B	11/27/2013	PH129	10.3	1	72918-21-9	1,2,3,7,8,9-HXCDF	5.37	U	0.0446	5.37	ng/kg	JBQ	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	1613B	11/27/2013	PH129	10.3	1	TCDD TEQ	TCDD TEQ	0.0506		0	0	ng/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7429-90-5	ALUMINUM (FUME OR DUST)	14800	J	7.73	42.9	mg/kg		J	E	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7439-89-6	IRON	18800		3.88	42.9	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7439-92-1	LEAD	5.55		0.536	3.22	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7439-93-2	LITHIUM	24.3		0.36	4.3	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7439-95-4	MAGNESIUM	3990		1.79	10.7	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7439-96-5	MANGANESE	253		0.0890	1.07	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7439-98-7	MOLYBDENUM	2.14	U	0.182	2.14	mg/kg	J	U	F	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7440-02-0	NICKEL	7.91		0.139	2.14	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7440-09-7	POTASSIUM	2700	J	8.94	107	mg/kg		J	Q	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7440-23-5	SODIUM	141		17.9	107	mg/kg				1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7440-31-5	TIN	10.7	U	0.236	10.7	mg/kg	J	U	B	1785404	267503.8	-118.71089
SL-521-SA5A-SB-9.0-10.0	11/14/2013	N	9	10	ft	SO	5A DG		7279107	LL	6010C	11/26/2013	PH129	10.3	1	7440-32-6	TITANIUM METAL POWDER	1070		0.182	1.07	mg/kg				1785404	267503.8	-118.71089
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8015M	11/22/2013	PH128	4.3	1	PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8015M	11/20/2013	PH128	4.3	26.26	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	11096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	11097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	11100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	11104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	11141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	12672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	12674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	37324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	53469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8082A	11/22/2013	PH128	4.3	1	63496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.2	19	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	117-84-0	Di-n-octylphtalate	19	U	6.2	19	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	120-12-7	ANTHRACENE	1.7	UJ	0.34	1.7	ug/kg	U	UJ	FD	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	129-00-0	PYRENE	0.9	J	0.69	1.7	ug/kg	J	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	191-24-2	BENZO(G,H,I)PERYLENE	1.1	J	0.69	1.7	ug/kg	J	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	192-97-2	Benzo(e)pyrene	18	UJ	3.4	18	ug/kg	U	UJ	FD	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	193-39-5	INDENO(1,2,3-CD)PYRENE	1.1	J	0.69	1.7	ug/kg	J	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	205-99-2	BENZO(B)FLUORANTHENE	2.8	J	0.69	1.7	ug/kg		J	FD	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4	ft	SO	5A DG	SL-654-SA5A-SB-3.0-4.0	7277000	LL	8270D SIM	11/25/2013	PH128	4.3	1	206-44-0	FLUORANTHENE	1.1	J	0.69	1.7	ug/kg	J	J	FD, Z	1785651	267151.3	-118.71006
SL-954-SA5A-SB-3.0-4.0	11/13/2013	FD	3	4																								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17439-92-1	LEAD	7.05	J	0.515	3.09	mg/kg		J	FD	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17439-93-2	LITHIUM	19.9		0.35	4.1	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17439-95-4	MAGNESIUM	3950		1.72	10.3	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17439-96-5	MANGANESE	311		0.0854	1.03	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17439-98-7	MOLYBDENUM	2.06	UJ	0.175	2.06	mg/kg	J	UJ	F, FD	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-02-0	NICKEL	8.91		0.134	2.06	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-09-7	POTASSIUM	2750		8.58	103	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-23-5	SODIUM	71.2	J	17.2	103	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-31-5	TIN	10.3	U	0.226	10.3	mg/kg	J	U	B	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-32-6	TITANIUM METAL POWDER	1110		0.175	1.03	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-36-0	ANTIMONY	4.12	UJ	0.762	4.12	mg/kg	U	UJ	Q	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-38-2	ARSENIC	4.91		0.720	4.12	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-39-3	BARIUM	99.4		0.0340	1.03	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-41-7	BERYLLIUM	0.634	J	0.0690	1.03	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-42-8	BORON	4.43	J	0.865	10.3	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-43-9	CADMIUM	0.308	J	0.0782	1.03	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-47-3	CHROMIUM	19.2		0.165	3.09	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-48-4	COBALT	5.65		0.102	1.03	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-50-8	COPPER	8.45		0.298	2.06	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-62-2	VANADIUM (FUME OR DUST)	36.5		0.134	1.03	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-66-6	ZINC	51.6		0.206	4.12	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-67-7	ZIRCONIUM	1.98	J	0.865	5.15	mg/kg	J	J	Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17440-70-2	CALCIUM METAL	1910		3.44	20.6	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6010C	12/3/2013	PH132	3.8		17723-14-0	PHOSPHORUS	229		2.97	10.3	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6020A	12/3/2013	PH132	3.8		27440-24-6	STRONTIUM	18.6	J	0.0700	0.412	mg/kg		J	Q	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6020A	12/3/2013	PH132	3.8		27440-28-0	THALLIUM	0.28		0.0309	0.206	mg/kg				1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6020A	12/3/2013	PH132	3.8		27440-22-4	SILVER	0.104	J	0.0268	0.206	mg/kg	J	J	FD, Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	6020A	12/3/2013	PH132	3.8		27782-49-2	SELENIUM	0.412	UJ	0.103	0.412	mg/kg	U	UJ	FD	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	7471B	12/3/2013	PH132	3.8		17439-97-6	MERCURY	0.0113	J	0.0097	0.0162	mg/kg	J	J	FD, Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8015M	12/3/2013	PH132	3.8		1PHCC12C14	EFH (C12-C14)	5.2	U	2.1	5.2	mg/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8015M	12/3/2013	PH132	3.8		1PHCC15C20	EFH (C15-C20)	5.2	U	2.1	5.2	mg/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8015M	12/3/2013	PH132	3.8		1PHCC21C30	EFH (C21-C30)	3.3	J	2.1	5.2	mg/kg	J	J	Q, Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8015M	12/3/2013	PH132	3.8		1PHCC30C40	EFH (C30-C40)	9	J	4.2	10	mg/kg	J	J	Q, Z	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8015M	12/3/2013	PH132	3.8		1PHCC8C11	EFH (C8-C11)	5.2	U	2.1	5.2	mg/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		11024-57-3	HEPTACHLOR EPOXIDE	0.86	U	0.18	0.86	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		11031-07-8	ENDOSULFAN SULFATE	1.8	UJ	0.34	1.8	ug/kg	U	UJ	FD	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		12385-85-5	MIREX	1.8	U	0.36	1.8	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		1309-00-2	ALDRIN	0.86	U	0.18	0.86	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		1319-84-6	ALPHA-BHC	0.86	U	0.18	0.86	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		1319-85-7	BETA-BHC	2	U	0.99	2.0	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		1319-86-8	DELTA-BHC	0.86	U	0.47	0.86	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		133213-65-9	ENDOSULFAN II	1.8	U	0.34	1.8	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		150-29-3	4,4'-DDT	11	J	0.36	1.8	ug/kg		J	FD, Q	1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		153494-70-5	ENDRIN KETONE	1.9	U	0.62	1.9	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		157-74-9	CHLORDANE	18	U	4.1	18	ug/kg	U			1786122	267614.4	-118.70852
SL-708-SA5A-SB-0.0-0.5	11/19/2013	N	0	0.5	ft	SO	5A DG		7284471	LL	8081B	12/3/2013	PH132	3.8		158-89-9	gamma-BHC (Lindane)	0.86	U	0.18</								

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8082A	12/9/2013	PH135	3.2		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8082A	12/9/2013	PH135	3.2		112672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8082A	12/9/2013	PH135	3.2		112674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8082A	12/9/2013	PH135	3.2		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8082A	12/9/2013	PH135	3.2		153469-21-9	Aroclor 1242	18	U	4.2	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8082A	12/9/2013	PH135	3.2		163496-31-1	Aroclor 5432	34	U	10	34	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	18	U	6.1	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1117-84-0	Di-n-octylphthalate	18	U	6.1	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1120-12-7	ANTHRACENE	1.7	U	0.34	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1129-00-0	PYRENE	0.74	J	0.68	1.7	ug/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1131-11-3	DIMETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1191-24-2	BENZO(G,H,I)PERYLENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1192-97-2	Benzo(e)pyrene	17	U	3.4	17	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1205-99-2	BENZO(B)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1206-44-0	FLUORANTHENE	0.82	J	0.68	1.7	ug/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-871-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085556	LL	8270D SIM	6/18/2013	PH050	2.8		1218-01-9	Chrysene	1.7	UJ	0.34	1.7	ug/kg	U	UJ	FD	1787118	267439.2	-118.70522
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		150-32-8	BENZO(A)PYRENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		183-32-9	ACENAPHTHENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		185-01-8	PHENANTHRENE	1.2	J	0.68	1.7	ug/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		191-20-3	NAPHTHALENE	0.85	J	0.68	1.7	ug/kg	J	J	Z	1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	8270D SIM	12/16/2013	PH135	3.2		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786254	267824.5	-118.70809
SL-719-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295436	LL	9045M	11/27/2013	PH135	3.2		1pH	PH	10.3		0.0100	0.0100	pH unit				1786254	267824.5	-118.70809
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	160.3M	12/6/2013	PH135	3.1		1MOIST	MOISTURE	3.1		0.10	0.10	%				1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		11746-01-6	2,3,7,8-TCDD	1.01	U	0.0620	1.01	ng/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.03	U	0.0189	5.03	ng/kg	JB	U	B	1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		13268-87-9	OCDD	1.86	J	0.0179	10.1	ng/kg	JB	J	Z	1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.03	U	0.0258	5.03	ng/kg	JB	U	B	1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		139001-02-0	OCDF	10.1	U	0.0323	10.1	ng/kg	JB	U	B	1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.03	U	0.0195	5.03	ng/kg	JBQ	U	B	1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.03	U	0.0336	5.03	ng/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.01	U	0.0488	1.01	ng/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.03	U	0.0148	5.03	ng/kg	JBQ	U	B	1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		157117-31-4	2,3,4,7,8-PECDF	5.03	U	0.0216	5.03	ng/kg	JBQ	U	B	1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	1613B	12/13/2013	PH135	3.1		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.03	U	0.0219	5.03	ng/kg	U</					

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	6020A	12/3/2013	PH135	3.1		2 7440-28-0	THALLIUM	0.217		0.0304	0.202	mg/kg				1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	7471B	12/3/2013	PH135	3.1		1 7439-97-6	MERCURY	0.0164	U	0.0099	0.0164	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015B	12/10/2013	PH135	3.1		1 84-15-1	O-TERPHENYL	0.18	U	0.069	0.18	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015B	12/10/2013	PH135	3.1		1 92-06-8	m-Terphenyl	0.18	U	0.069	0.18	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015B	12/10/2013	PH135	3.1		1 92-94-4	p-Terphenyl	0.18	U	0.069	0.18	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015M	12/7/2013	PH135	3.1		1 PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015M	12/7/2013	PH135	3.1		1 PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015M	12/7/2013	PH135	3.1		1 PHCC21C30	EFH (C21-C30)	5.1	U	2.1	5.1	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015M	12/7/2013	PH135	3.1		1 PHCC30C40	EFH (C30-C40)	10	U	4.1	10	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8015M	12/7/2013	PH135	3.1		1 PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 11096-82-5	Aroclor 1260	18	U	4.0	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 11097-69-1	Aroclor 1254	18	U	4.5	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 11100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 11104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 11126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 11141-16-5	Aroclor 1232	18	U	4.2	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 12642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 12672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1786269	267786.4	-118.70804
SL-720-SA5A-SB-0.0-0.5	11/26/2013	N	0	0.5	ft	SO	5A DG		7295437	LL	8082A	12/9/2013	PH135	3.1		1 12674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1786269	267786.4	-118.70804
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	541-73-1	1,3-DICHLORO BENZENE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	544-10-5	1-Chlorohexane	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	56-23-5	CARBON TETRACHLORIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	563-58-6	1,1-Dichloropropene	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	591-78-6	2-Hexanone	11	U	3	11	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	594-20-7	2,2-DICHLOROPROPANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	630-20-6	1,1,1,2-TETRACHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	637-92-3	tert-Butyl ethyl ether	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	67-64-1	ACETONE	36		8	22	ug/kg				1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	67-66-3	CHLOROFORM	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	71-43-2	BENZENE	5	U	0.5	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	71-55-6	1,1,1-TRICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	74-83-9	BROMOMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	74-87-3	CHLOROMETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	74-88-4	Methyl Iodide	5	U	3	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	74-95-3	DIBROMOMETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	74-97-5	Bromochloromethane	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-00-5	CHLOROETHANE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-01-4	VINYL CHLORIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-09-2	METHYLENE CHLORIDE	5	U	2	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-15-0	CARBON DISULFIDE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-25-2	BROMOFORM	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-27-4	BROMODICHLOROMETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-34-3	1,1-DICHLOROETHANE	5	U	1	5	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8260B	11/22/2013	PH129	10	0.97	75-35-4	1,1-DICHLOROETHENE	5										

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	218-01-9	Chrysene	0.61	J	0.37	1.9	ug/kg	J	J	Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	50-32-8	BENZO(A)PYRENE	1.9	U	0.74	1.9	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	53-70-3	DIBENZO(A,H)ANTHRACENE	1.9	U	0.74	1.9	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	56-55-3	BENZO(A)ANTHRACENE	1.9	U	0.74	1.9	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	62-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.9	U	0.74	1.9	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	83-32-9	ACENAPHTHENE	1.9	U	0.74	1.9	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	84-66-2	DIETHYL PHTHALATE	20	U	6.7	20	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	84-74-2	Di-n-butylphthalate	20	U	6.7	20	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	85-01-8	PHENANTHRENE	1.9	U	0.74	1.9	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	85-68-7	BENZYL BUTYL PHTHALATE	20	U	6.7	20	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	86-73-7	FLUORENE	1.9	U	0.74	1.9	ug/kg	U			1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	90-12-0	1-METHYLNAPHTHALENE	1.9	UJ	0.74	1.9	ug/kg	U	UJ	FD	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	91-20-3	NAPHTHALENE	0.94	J	0.74	1.9	ug/kg	J	J	Z	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8270D SIM	11/26/2013	PH129	10	1	91-57-6	2-METHYLNAPHTHALENE	1.9	UJ	0.74	1.9	ug/kg	U	UJ	FD	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	8315A	11/21/2013	PH129	10	1	50-00-0	FORMALDEHYDE	14000	J	1300	2200	ug/kg		J	S	1785404	267503.8	-118.71089
SL-821-SA5A-SB-11.0-12.0	11/14/2013	FD	11	12	ft	SO	5A DG	SL-521-SA5A-SB-11.0-12.0	7279115	LL	9045M	11/15/2013	PH129	10	1	pH	PH	6.89		0.0100	0.0100	pH unit				1785404	267503.8	-118.71089
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	160.3M	11/26/2013	PH131	2.1	1	MOIST	MOISTURE	2.1		0.10	0.10	%				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	1746-01-6	2,3,7,8-TCDD	0.997	U	0.0792	0.997	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	19408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	4.98	U	0.0505	4.98	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	3268-87-9	OCDD	7.61	J	0.0539	9.97	ng/kg	JB	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	35822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	4.98	U	0.0695	4.98	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	39001-02-0	OCDF	9.97	U	0.0802	9.97	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	39227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	4.98	U	0.0517	4.98	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	40321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	4.98	U	0.0857	4.98	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	51207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.997	U	0.104	0.997	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	55673-89-7	1,2,3,4,7,8,9-HPCDF	4.98	U	0.0292	4.98	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	57117-31-4	2,3,4,7,8-PECDF	4.98	U	0.0455	4.98	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	57117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	4.98	U	0.0464	4.98	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	57117-44-9	1,2,3,6,7,8-HXCDF	4.98	U	0.0409	4.98	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	57653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.0747	J	0.0535	4.98	ng/kg	JQ	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	60851-34-5	2,3,4,6,7,8-HXCDF	4.98	U	0.0421	4.98	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	67562-39-4	1,2,3,4,6,7,8-HPCDF	4.98	U	0.0188	4.98	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	70648-26-9	1,2,3,4,7,8-HXCDF	4.98	U	0.0478	4.98	ng/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	72918-21-9	1,2,3,7,8,9-HXCDF	4.98	U	0.0561	4.98	ng/kg	JBQ	U	B	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	1613B	12/4/2013	PH131	2.1	1	TCDD TEQ	TCDD TEQ	0.00225		0	0	ng/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7429-90-5	ALUMINUM (FUME OR DUST)	13800		7.22	40.1	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7439-89-6	IRON	21100		3.63	40.1	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7439-92-1	LEAD	6.81		0.501	3.00	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7439-93-2	LITHIUM	22.5		0.34	4.0	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7439-95-4	MAGNESIUM	4670		1.67	10.0	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7439-96-5	MANGANESE	301		0.0831	1.00	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7439-98-7	MOLYBDENUM	2	U	0.170	2.00	mg/kg	J	U	F	1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282328	LL	6010C	12/2/2013	PH131	2.1	1	7440-02-0	NICKEL	11.2		0.130	2.00	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-0.0-0.5																												

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude	
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8270D SIM	12/4/2013	PH131	5.5		191-20-3	NAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786356	267590.9	-118.70774	
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8270D SIM	12/4/2013	PH131	5.5		191-57-6	2-METHYLNAPHTHALENE	1.8	U	0.71	1.8	ug/kg	U			1786356	267590.9	-118.70774	
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	9045M	11/20/2013	PH131	5.5		pH	PH	7.08		0.0100	0.0100	pH unit				1786356	267590.9	-118.70774	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	160.3M	11/26/2013	PH131	5.5		MOIST	MOISTURE	5.5		0.10	0.10	%				1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		11746-01-6	2,3,7,8-TCDD	1.05	U	0.0541	1.05	ng/kg	U			1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.24	U	0.0364	5.24	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		13268-87-9	OCDD	73.9		0.0352	10.5	ng/kg	B			1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	2.94	J	0.0470	5.24	ng/kg	JB	J	Z	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		139001-02-0	OCDF	10.5	U	0.0437	10.5	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.24	U	0.0365	5.24	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	5.24	U	0.0399	5.24	ng/kg	U			1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0558	J	0.0493	1.05	ng/kg	JQ	J	Z	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		155673-89-7	1,2,3,4,7,8,9-HPCDF	5.24	U	0.0216	5.24	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		157117-31-4	2,3,4,7,8-PECDF	5.24	U	0.0279	5.24	ng/kg	JB	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		157117-41-6	1,2,3,7,8-PENTACHLORODIBENZOFURAN	5.24	U	0.0274	5.24	ng/kg	JB	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		157117-44-9	1,2,3,6,7,8-HXCDF	5.24	U	0.0229	5.24	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		157653-85-7	1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	0.202	J	0.0380	5.24	ng/kg	J	J	Z	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		160851-34-5	2,3,4,6,7,8-HXCDF	5.24	U	0.0238	5.24	ng/kg	U			1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		167562-39-4	1,2,3,4,6,7,8-HPCDF	5.24	U	0.0156	5.24	ng/kg	JB	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		170648-26-9	1,2,3,4,7,8-HXCDF	0.0982	J	0.0257	5.24	ng/kg	JQ	J	Z	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		172918-21-9	1,2,3,7,8,9-HXCDF	5.24	U	0.0252	5.24	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757	
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	1613B	12/5/2013	PH131	5.5		17TCDD TEQ	TCDD TEQ	0.0937		0	0	ng/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17429-90-5	ALUMINUM (FUME OR DUST)	17300		7.55	41.9	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17439-89-6	IRON	23400		3.79	41.9	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17439-92-1	LEAD	8.29		0.524	3.14	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17439-93-2	LITHIUM	23.4		0.36	4.2	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17439-95-4	MAGNESIUM	4690		1.75	10.5	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17439-96-5	MANGANESE	316		0.0870	1.05	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17439-98-7	MOLYBDENUM	2.1	U	0.178	2.10	mg/kg	J	U	F		1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-02-0	NICKEL	14.6		0.136	2.10	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-09-7	POTASSIUM	4230	J	8.74	105	mg/kg		J	Q		1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-23-5	SODIUM	73.1	J	17.5	105	mg/kg	J	J	Z		1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-31-5	TIN	10.5	U	0.230	10.5	mg/kg	J	U	B		1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-32-6	TITANIUM METAL POWDER	1180		0.178	1.05	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-36-0	ANTIMONY	4.19	UJ	0.775	4.19	mg/kg	U	UJ	Q		1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-38-2	ARSENIC	4.35		0.733	4.19	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-39-3	BARIUM	106		0.0346	1.05	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-41-7	BERYLLIUM	0.721	J	0.0702	1.05	mg/kg	J	J	Z		1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-42-8	BORON	1.87	J	0.880	10.5	mg/kg	J	J	Z		1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-43-9	CADMIUM	1.05	U	0.0796	1.05	mg/kg	U				1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-47-3	CHROMIUM	22.9		0.168	3.14	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-48-4	COBALT	5.84		0.104	1.05	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-50-8	COPPER	9.41		0.304	2.10	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C	12/2/2013	PH131	5.5		17440-62-2	VANADIUM (FUME OR DUST)	41.6		0.136	1.05	mg/kg					1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	6010C																		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	8270D SIM	12/4/2013	PH131	5.5		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.71	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	8270D SIM	12/4/2013	PH131	5.5		1208-96-8	ACENAPHTHYLENE	1.8	U	0.35	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-872-SA5A-SB-0.0-0.5	6/6/2013	N	0	0.5	ft	SO	5A DG		7085561	LL	8270D SIM	6/18/2013	PH050	3		1218-01-9	Chrysene	1.7	U	0.34	1.7	ug/kg	U			1787194	267554.5	-118.70497
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	8270D SIM	12/4/2013	PH131	5.5		150-32-8	BENZO(A)PYRENE	1.8	U	0.71	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282339	LL	8270D SIM	12/4/2013	PH131	5.5		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.71	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8015M	11/26/2013	PH131	5.5		1PHCC30C40	EFH (C30-C40)	11	U	4.2	11	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8015M	11/26/2013	PH131	5.5		1PHCC8C11	EFH (C8-C11)	5.3	U	2.1	5.3	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		111096-82-5	Aroclor 1260	18	U	4.1	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		111097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		111100-14-4	Aroclor 1268	18	U	3.5	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		111104-28-2	Aroclor 1221	18	U	5.4	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		111126-42-4	Aroclor 5460	35	U	11	35	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		111141-16-5	Aroclor 1232	18	U	4.3	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		112642-23-8	Aroclor 5442	35	U	11	35	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		112672-29-6	Aroclor 1248	18	U	3.5	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		112674-11-2	Aroclor 1016	18	U	3.5	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		137324-23-5	Aroclor 1262	18	U	3.5	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		153469-21-9	Aroclor 1242	18	U	4.3	18	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8082A	12/1/2013	PH131	5.5		163496-31-1	Aroclor 5432	35	U	11	35	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8270D SIM	12/4/2013	PH131	5.5		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	19	U	6.3	19	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8270D SIM	12/4/2013	PH131	5.5		1117-84-0	Di-n-octylphthalate	19	U	6.3	19	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-2.5-3.5	11/18/2013	N	2.5	3.5	ft	SO	5A DG		7282338	LL	8270D SIM	12/4/2013	PH131	5.5		1120-12-7	ANTHRACENE	1.8	U	0.35	1.8	ug/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17439-96-5	MANGANESE	315		0.0841	1.01	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17439-98-7	MOLYBDENUM	2.03	U	0.172	2.03	mg/kg	J	U	F	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-02-0	NICKEL	14.1		0.132	2.03	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-09-7	POTASSIUM	3220	J	8.45	101	mg/kg		J	Q	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-23-5	SODIUM	83.1	J	16.9	101	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-32-6	TITANIUM METAL POWDER	1260		0.172	1.01	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-36-0	ANTIMONY	4.05	UJ	0.750	4.05	mg/kg	U	UJ	Q	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-38-2	ARSENIC	3.97	J	0.709	4.05	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-39-3	BARIUM	97.9		0.0334	1.01	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-41-7	BERYLLIUM	0.737	J	0.0679	1.01	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-42-8	BORON	2.43	J	0.851	10.1	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-43-9	CADMIUM	1.01	U	0.0770	1.01	mg/kg	U			1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-47-3	CHROMIUM	25		0.162	3.04	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-48-4	COBALT	6.69		0.100	1.01	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-50-8	COPPER	9.42		0.294	2.03	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-62-2	VANADIUM (FUME OR DUST)	52.3		0.132	1.01	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-66-6	ZINC	54.5		0.203	4.05	mg/kg				1786356	267590.9	-118.70774
SL-735-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282337	LL	6010C	12/2/2013	PH131	2.3		17440-67-7	ZIRCONIUM	4.02	J	0.851	5.07	mg/kg	J	J	Z	1786356	267590.9	-118.70774
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		159-50-7	4-CHLORO-3-METHYLPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		162-53-3	ANILINE	340	U	170	340	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	170	U	69	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		1621-64-7	N-NITROSO-DI-N-PROPYLAMINE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		165-85-0	BENZOIC ACID	520	U									

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1120-12-7	ANTHRACENE	0.94	J	0.34	1.7	ug/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1129-00-0	PYRENE	11		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1131-11-3	DIMETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1191-24-2	BENZO(G,H,I)PERYLENE	4.3		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1192-97-2	Benzo(e)pyrene	5.2	J	3.4	18	ug/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1193-39-5	INDENO(1,2,3-CD)PYRENE	4		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1205-99-2	BENZO(B)FLUORANTHENE	10		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1206-44-0	FLUORANTHENE	13		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1207-08-9	BENZO(K)FLUORANTHENE	5.2		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1208-96-8	ACENAPHTHYLENE	1.7	U	0.34	1.7	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		1218-01-9	Chrysene	8.6		0.34	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		150-32-8	BENZO(A)PYRENE	6.9		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		153-70-3	DIBENZO(A,H)ANTHRACENE	1.3	J	0.69	1.7	ug/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		156-55-3	BENZO(A)ANTHRACENE	7.8		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		185-01-8	PHENANTHRENE	3.4		0.69	1.7	ug/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		191-20-3	NAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D SIM	12/14/2013	PH134	3.3		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.69	1.7	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8315A	12/3/2013	PH134	3.3		150-00-0	FORMALDEHYDE	2100	U	1200	2100	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	9045M	11/26/2013	PH134	3.3		1pH	PH	7.11		0.0100	0.0100	pH unit				1786218	267870	-118.7082
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		184-66-2	DIETHYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		184-74-2	Di-n-butylphthalate	18	U	6.1	18	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		185-01-8	PHENANTHRENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		185-68-7	BENZYL BUTYL PHTHALATE	18	U	6.1	18	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		186-73-7	FLUORENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		190-12-0	1-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		191-20-3	NAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	8270D SIM	12/4/2013	PH131	2.1		191-57-6	2-METHYLNAPHTHALENE	1.7	U	0.68	1.7	ug/kg	U			1786146	267701.6	-118.70844
SL-710-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282335	LL	9045M	11/20/2013	PH131	2.1		1pH	PH	6.69		0.0100	0.0100	pH unit				1786146	267701.6	-118.70844
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	160.3M	11/26/2013	PH131	3.1		1MOIST	MOISTURE	3.1		0.10	0.10	%				1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		11746-01-6	2,3,7,8-TCDD	0.999	U	0.0490	0.999	ng/kg	U			1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	0.665	J	0.0290	5.00	ng/kg	JB	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		13268-87-9	OCDD	2.76	J	0.0257	9.99	ng/kg	JB	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5	U	0.0266	5.00	ng/kg	JB	U	B	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		139001-02-0	OCDF	9.99	U	0.0402	9.99	ng/kg	JBQ	U	B	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5	U	0.0290	5.00	ng/kg	JBQ	U	B	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.109	J	0.0399	5.00	ng/kg	JQ	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	0.0667	J	0.0461	0.999	ng/kg	JQ	J	Z	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		155673-89-7	1,2,3,4,7,8,9-HPCDF	5	U	0.0186	5.00	ng/kg	JBQ	U	B	1786201	267727	-118.70826
SL-722-SA5A-SB-0.0-0.5	11/18/2013	N	0	0.5	ft	SO	5A DG		7282336	LL	1613B	12/4/2013	PH131	3.1		157117-31-4	2,3,4,7,8-PECDF	5	U	0.0261	5.00	ng/kg						

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17439-92-1	LEAD	5.95		0.507	3.04	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17439-93-2	LITHIUM	15.5		0.34	4.1	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17439-95-4	MAGNESIUM	3840		1.69	10.1	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17439-96-5	MANGANESE	231		0.0841	1.01	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17439-98-7	MOLYBDENUM	2.03	U	0.172	2.03	mg/kg	J	U	F	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-02-0	NICKEL	9.14		0.132	2.03	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-09-7	POTASSIUM	2070	J	8.46	101	mg/kg		J	Q	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-23-5	SODIUM	139		16.9	101	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-31-5	TIN	10.1	U	0.223	10.1	mg/kg	J	U	B	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-32-6	TITANIUM METAL POWDER	1090		0.172	1.01	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-36-0	ANTIMONY	4.06	UJ	0.750	4.06	mg/kg	U	UJ	Q	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-38-2	ARSENIC	3.91	J	0.710	4.06	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-39-3	BARIUM	61.2		0.0335	1.01	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-41-7	BERYLLIUM	0.619	J	0.0679	1.01	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-42-8	BORON	10.1	U	0.852	10.1	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-43-9	CADMIUM	1.01	U	0.0771	1.01	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-47-3	CHROMIUM	21.9		0.162	3.04	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-48-4	COBALT	3.93		0.100	1.01	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-50-8	COPPER	15.9		0.294	2.03	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-62-2	VANADIUM (FUME OR DUST)	30.1		0.132	1.01	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-66-6	ZINC	65.5	J	0.203	4.06	mg/kg		J	Q	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-67-7	ZIRCONIUM	2.73	J	0.852	5.07	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17440-70-2	CALCIUM METAL	2160		3.39	20.3	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6010C	12/10/2013	PH134	3.3		17723-14-0	PHOSPHORUS	121		2.93	10.1	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6020A	12/10/2013	PH134	3.3		27782-49-2	SELENIUM	0.107	J	0.101	0.406	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6020A	12/10/2013	PH134	3.3		27440-22-4	SILVER	2.02		0.0264	0.203	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6020A	12/10/2013	PH134	3.3		27440-24-6	STRONTIUM	17.5		0.0689	0.406	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	6020A	12/10/2013	PH134	3.3		27440-28-0	THALLIUM	0.218		0.0304	0.203	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	7199	12/12/2013	PH134	3.3		118540-29-9	CHROMIUM (HEXAVALENT COMPOUNDS)	0.47		0.14	0.39	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	7471B	12/10/2013	PH134	3.3		17439-97-6	MERCURY	0.0172	U	0.0103	0.0172	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8015M	12/7/2013	PH134	3.3		1PHCC12C14	EFH (C12-C14)	5.1	U	2.1	5.1	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8015M	12/7/2013	PH134	3.3		1PHCC15C20	EFH (C15-C20)	5.1	U	2.1	5.1	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8015M	12/7/2013	PH134	3.3		1PHCC21C30	EFH (C21-C30)	5	J	2.1	5.1	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8015M	12/7/2013	PH134	3.3		1PHCC30C40	EFH (C30-C40)	26		4.1	10	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8015M	12/7/2013	PH134	3.3		1PHCC8C11	EFH (C8-C11)	5.1	U	2.1	5.1	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8015M	12/5/2013	PH134	3.3	27.29	GROC5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		111096-82-5	Aroclor 1260	18	U	4.0	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		111097-69-1	Aroclor 1254	18	U	4.6	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		111100-14-4	Aroclor 1268	18	U	3.4	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		111104-28-2	Aroclor 1221	18	U	5.3	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		111141-16-5	Aroclor 1232	18	U	4.2	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		112672-29-6	Aroclor 1248	18	U	3.4	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		112674-11-2	Aroclor 1016	18	U	3.4	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3		137324-23-5	Aroclor 1262	18	U	3.4	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8082A	12/9/2013	PH134	3.3														

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		139638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		150-32-8	BENZO(A)PYRENE	11	J	3	18	ug/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		151-28-5	2,4-DINITROPHENOL	680	U	310	680	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		153-70-3	DIBENZO(A,H)ANTHRACENE	18	U	3	18	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		1534-52-1	4,6-DINITRO-2-METHYLPHENOL	520	U	170	520	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		1541-73-1	1,3-DICHLOROENZENE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-6.0-7.0	11/25/2013	N	6	7	ft	SO	5A DG		7293068	LL	8270D	12/9/2013	PH134	3.3		156-55-3	BENZO(A)ANTHRACENE	14	J	3	18	ug/kg	J	J	Z	1786218	267870	-118.7082
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1192-97-2	Benzo(e)pyrene	18	U	3.4	18	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1205-99-2	BENZO(B)FLUORANTHENE	0.71	J	0.69	1.7	ug/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1206-44-0	FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1207-08-9	BENZO(K)FLUORANTHENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1208-96-8	ACENAPHTHYLENE	1.7	U	0.35	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		1218-01-9	Chrysene	1.7	U	0.35	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		150-32-8	BENZO(A)PYRENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		156-55-3	BENZO(A)ANTHRACENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		183-32-9	ACENAPHTHENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		184-66-2	DIETHYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		184-74-2	Di-n-butylphthalate	19	U	6.2	19	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		185-01-8	PHENANTHRENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		185-68-7	BENZYL BUTYL PHTHALATE	19	U	6.2	19	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-8.0-9.0	11/18/2013	N	8	9	ft	SO	5A DG		7282334	LL	8270D SIM	12/4/2013	PH131	3.4		186-73-7	FLUORENE	1.7	U	0.69	1.7	ug/kg	U			1786090	267710.9	-118.70863
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17429-90-5	ALUMINUM (FUME OR DUST)	15800		7.36	40.8	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17439-89-6	IRON	19600		3.69	40.8	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17439-92-1	LEAD	7.49		0.510	3.06	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17439-93-2	LITHIUM	23.4		0.35	4.1	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17439-95-4	MAGNESIUM	4030		1.70	10.2	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17439-96-5	MANGANESE	292		0.0847	1.02	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17439-98-7	MOLYBDENUM	2.04	U	0.173	2.04	mg/kg	J	U	F	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-02-0	NICKEL	10.3		0.133	2.04	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-09-7	POTASSIUM	3200	J	8.51	102	mg/kg		J	Q	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-23-5	SODIUM	96.9	J	17.0	102	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-31-5	TIN	10.2	U	0.224	10.2	mg/kg	J	U	B	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-32-6	TITANIUM METAL POWDER	1090		0.173	1.02	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-36-0	ANTIMONY	4.08	UJ	0.755	4.08	mg/kg	U	UJ	Q	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-38-2	ARSENIC	3.16	J	0.714	4.08	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-39-3	BARIUM	88.9		0.0337	1.02	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-41-7	BERYLLIUM	0.619	J	0.0684	1.02	mg/kg	J	J	Z	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-42-8	BORON	2.03	J	0.857	10.2	mg/kg	J	J	FD, Z	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-43-9	CADMIUM	1.02	U	0.0776	1.02	mg/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-47-3	CHROMIUM	33.2		0.163	3.06	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-48-4	COBALT	4.21		0.101	1.02	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-50-8	COPPER	18.3		0.296	2.04	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	6010C	12/10/2013	PH134	2		17440-62-2	VANADIUM (FUME OR DUST)	32.8		0.133	1.02	mg/kg				1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		72																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1108-68-9	3,5-Dimethylphenol	170	U	34	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1108-95-2	PHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1110-86-1	PYRIDINE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1111-44-4	BIS(2-CHLOROETHYL) ETHER	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1111-76-2	2-butoxy-Ethanol	170	UJ	170	170	ug/kg	U	UJ	C	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1111-91-1	BIS(2-CHLOROETHOXY)METHANE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1117-84-0	Di-n-octylphthalate	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1118-74-1	HEXACHLOROENZENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1119-64-2	TETRALIN	170	UJ	34	170	ug/kg	U	UJ	C	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1120-12-7	ANTHRACENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1120-82-1	1,2,4-TRICHLOROENZENE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1120-83-2	2,4-DICHLOROPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1122-66-7	1,2-DIPHENYLHYDRAZINE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1122-99-6	2-phenoxy-Ethanol	170	UJ	170	170	ug/kg	U	UJ	C	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1129-00-0	PYRENE	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1131-11-3	DIMETHYL PHTHALATE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1132-64-9	DIBENZOFURAN	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1191-24-2	BENZO(G,H,I)PERYLENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1193-39-5	INDENO(1,2,3-CD)PYRENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1205-99-2	BENZO(B)FLUORANTHENE	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1206-44-0	FLUORANTHENE	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1207-08-9	BENZO(K)FLUORANTHENE	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1208-96-8	ACENAPHTHYLENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1218-01-9	Chrysene	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		139638-32-9	BIS(2-CHLOROISOPROPYL) ETHER	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		150-32-8	BENZO(A)PYRENE	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		151-28-5	2,4-DINITROPHENOL	670	U	300	670	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		153-70-3	DIBENZO(A,H)ANTHRACENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1534-52-1	4,6-DINITRO-2-METHYLPHENOL	510	U	170	510	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1541-73-1	1,3-DICHLOROENZENE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		156-55-3	BENZO(A)ANTHRACENE	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		159-50-7	4-CHLORO-3-METHYLPHENOL	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		162-53-3	ANILINE	340	U	170	340	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		1621-64-7	N-NITROSO-DI-N-PROPYLAMINE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		165-85-0	BENZOIC ACID	510	U	170	510	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		167-72-1	HEXACHLOROETHANE	170	U	34	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		17005-72-3	4-CHLOROPHENYL PHENYL ETHER	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		177-47-4	HEXACHLOROCYCLOPENTADIENE	510	U	170	510	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		178-59-1	3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	34	U	17	34	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		183-32-9	ACENAPHTHENE	17	U	3	17	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		184-66-2	DIETHYL PHTHALATE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		184-74-2	Di-n-butylphthalate	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		185-01-8	PHENANTHRENE	17	UJ	3	17	ug/kg	U	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		185-68-7	BENZYL BUTYL PHTHALATE	170	U	68	170	ug/kg	U			1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D	12/9/2013	PH134	2		186-30-6	N-NITROS											

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D SIM	12/14/2013	PH134	2		150-32-8	BENZO(A)PYRENE	1.3	J	0.68	1.7	ug/kg	J	J	FD, Q, Z	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D SIM	12/14/2013	PH134	2		153-70-3	DIBENZO(A,H)ANTHRACENE	1.7	UJ	0.68	1.7	ug/kg	J	UJ	FD	1786218	267870	-118.7082
SL-715-SA5A-SB-0.0-0.5	11/25/2013	N	0	0.5	ft	SO	5A DG		7293061	LL	8270D SIM	12/14/2013	PH134	2		156-55-3	BENZO(A)ANTHRACENE	1.2	J	0.68	1.7	ug/kg	J	J	FD, Q, Z	1786218	267870	-118.7082
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-42-8	BORON	2.15	J	0.851	10.1	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-43-9	CADMIUM	1.01	U	0.0770	1.01	mg/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-47-3	CHROMIUM	18.3		0.162	3.04	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-48-4	COBALT	5		0.100	1.01	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-50-8	COPPER	5.76		0.294	2.03	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-62-2	VANADIUM (FUME OR DUST)	34.2		0.132	1.01	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-66-6	ZINC	51.4		0.203	4.05	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-67-7	ZIRCONIUM	2.74	J	0.851	5.07	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17440-70-2	CALCIUM METAL	2600		3.38	20.3	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6010C	12/1/2013	PH131	2.3		17723-14-0	PHOSPHORUS	366	J	2.93	10.1	mg/kg		J	Q	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6020A	12/2/2013	PH131	2.3		27782-49-2	SELENIUM	0.145	J	0.101	0.405	mg/kg	J	J	Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6020A	12/2/2013	PH131	2.3		27440-22-4	SILVER	0.158	J	0.0263	0.203	mg/kg	J	J	FD, Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6020A	12/2/2013	PH131	2.3		27440-24-6	STRONTIUM	24.2	J	0.0689	0.405	mg/kg		J	Q, A	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	6020A	12/2/2013	PH131	2.3		27440-28-0	THALLIUM	0.274		0.0304	0.203	mg/kg				1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	7471B	11/28/2013	PH131	2.3		17439-97-6	MERCURY	0.0168	U	0.0101	0.0168	mg/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015B	11/27/2013	PH131	2.3		184-15-1	O-TERPHENYL	0.17	U	0.069	0.17	mg/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015B	11/27/2013	PH131	2.3		192-06-8	m-Terphenyl	0.17	UJ	0.069	0.17	mg/kg	U	UJ	FD	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015B	11/27/2013	PH131	2.3		192-94-4	p-Terphenyl	0.17	U	0.069	0.17	mg/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015M	11/27/2013	PH131	2.3	27.41	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.1	U	0.2	1.1	mg/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015M	11/26/2013	PH131	2.3		1PHCC12C14	EFH (C12-C14)	5.1	U	2.0	5.1	mg/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015M	11/26/2013	PH131	2.3		1PHCC15C20	EFH (C15-C20)	2.5	J	2.0	5.1	mg/kg	J	J	FD, Z	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015M	11/26/2013	PH131	2.3		1PHCC21C30	EFH (C21-C30)	16	J	2.0	5.1	mg/kg		J	Q	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015M	11/26/2013	PH131	2.3		1PHCC30C40	EFH (C30-C40)	38	J	4.1	10	mg/kg		J	Q	1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8015M	11/26/2013	PH131	2.3		1PHCC8C11	EFH (C8-C11)	5.1	U	2.0	5.1	mg/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		111096-82-5	Aroclor 1260	17	U	4.0	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		111097-69-1	Aroclor 1254	17	U	4.5	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		111100-14-4	Aroclor 1268	17	U	3.4	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		111104-28-2	Aroclor 1221	17	U	5.2	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		111126-42-4	Aroclor 5460	34	U	10	34	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		111141-16-5	Aroclor 1232	17	U	4.2	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		112642-23-8	Aroclor 5442	34	U	10	34	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		112672-29-6	Aroclor 1248	17	U	3.4	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		112674-11-2	Aroclor 1016	17	U	3.4	17	ug/kg	U			1786090	267710.9	-118.70863
SL-709-SA5A-SB-4.0-5.0	11/18/2013	N	4	5	ft	SO	5A DG		7282330	LL	8082A	12/1/2013	PH131	2.3		137324-23-5	Aroclor 1262	17	U	3.4	17	ug/kg	U			1786090	267710.9	-118.70863
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		11746-01-6	2,3,7,8-TCDD	0.0791	J	0.0457	1.08	ng/kg	JQ	J	Z	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		119408-74-3	1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	5.39	U	0.0316	5.39	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		13268-87-9	OCDD	10.8	U	0.0232	10.8	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		135822-46-9	1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	5.39	U	0.0245	5.39	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		139001-02-0	OCDF	10.8	U	0.0371	10.8	ng/kg	JBQ	U	B	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		139227-28-6	1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	5.39	U	0.0303	5.39	ng/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		140321-76-4	1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	0.0749	J	0.0333	5.39	ng/kg	JQ	J	Z	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	1613B	12/5/2013	PH131	8.9		151207-31-9	2,3,7,8-TETRACHLORODIBENZOFURAN	1.08	U	0.0423	1.08	ng/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		728234																			

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	6010C	12/2/2013	PH131	8.9		17723-14-0	PHOSPHORUS	868	J	3.11	10.8	mg/kg		J	Q	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	6020A	12/2/2013	PH131	8.9		27782-49-2	SELENIUM	0.39	J	0.108	0.430	mg/kg	J	J	Z	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	6020A	12/2/2013	PH131	8.9		27440-22-4	SILVER	0.215	U	0.0280	0.215	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	6020A	12/2/2013	PH131	8.9		27440-24-6	STRONTIUM	33.7	J	0.0732	0.430	mg/kg		J	Q, A	1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	6020A	12/2/2013	PH131	8.9		27440-28-0	THALLIUM	0.392		0.0323	0.215	mg/kg				1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	7471B	11/28/2013	PH131	8.9		17439-97-6	MERCURY	0.0179	U	0.0108	0.0179	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8015M	11/27/2013	PH131	8.9	27.17	GROCS5C12	GASOLINE RANGE ORGANICS (C5-C12)	1.2	U	0.2	1.2	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8015M	11/26/2013	PH131	8.9		1PHCC12C14	EFH (C12-C14)	5.4	U	2.2	5.4	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8015M	11/26/2013	PH131	8.9		1PHCC15C20	EFH (C15-C20)	5.4	U	2.2	5.4	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8015M	11/26/2013	PH131	8.9		1PHCC21C30	EFH (C21-C30)	5.4	U	2.2	5.4	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8015M	11/26/2013	PH131	8.9		1PHCC30C40	EFH (C30-C40)	11	U	4.3	11	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8015M	11/26/2013	PH131	8.9		1PHCC8C11	EFH (C8-C11)	5.4	U	2.2	5.4	mg/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		111096-82-5	Aroclor 1260	19	U	4.3	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		111097-69-1	Aroclor 1254	19	U	4.8	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		111100-14-4	Aroclor 1268	19	U	3.6	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		111104-28-2	Aroclor 1221	19	U	5.6	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		111126-42-4	Aroclor 5460	36	U	11	36	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		111141-16-5	Aroclor 1232	19	U	4.5	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		112642-23-8	Aroclor 5442	36	U	11	36	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		112672-29-6	Aroclor 1248	19	U	3.6	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		112674-11-2	Aroclor 1016	19	U	3.6	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		137324-23-5	Aroclor 1262	19	U	3.6	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		153469-21-9	Aroclor 1242	19	U	4.5	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8082A	12/1/2013	PH131	8.9		163496-31-1	Aroclor 5432	36	U	11	36	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	20	U	6.6	20	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1117-84-0	Di-n-octylphthalate	20	U	6.6	20	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1120-12-7	ANTHRACENE	1.8	U	0.37	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1129-00-0	PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1131-11-3	DIMETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1191-24-2	BENZO(G,H,I)PERYLENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1192-97-2	Benzo(e)pyrene	19	U	3.7	19	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1193-39-5	INDENO(1,2,3-CD)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1205-99-2	BENZO(B)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1206-44-0	FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1207-08-9	BENZO(K)FLUORANTHENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1208-96-8	ACENAPHTHYLENE	1.8	U	0.37	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		1218-01-9	Chrysene	1.8	U	0.37	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		150-32-8	BENZO(A)PYRENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		153-70-3	DIBENZO(A,H)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		156-55-3	BENZO(A)ANTHRACENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		162-75-9	METHANAMINE, N-METHYL-N-NITROSO	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		183-32-9	ACENAPHTHENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		184-66-2	DIETHYL PHTHALATE	20	U	6.6	20	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		184-74-2	Di-n-butylphthalate	20	U	6.6	20	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		185-01-8	PHENANTHRENE	1.8	U	0.73	1.8	ug/kg	U			1786407	267547.8	-118.70757
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	8270D SIM	12/4/2013	PH131	8.9		185-68-7	BENZYL BUTYL PHTHALATE	20	U	6.6	20	ug/kg	U			178640		

Subarea 5A - Phase 3
Master Database Table

Sample Name	Sample Date	Sample	Start Depth	End Depth	Depth Unit	Matrix Code	Task Code	Parent Sample Code	Lab Sample	Lab Name	Analytical Method	Analysis Date	Lab SDG	Percent Moisture	Dilution Factor	Cas RN	Chemical Name	Report Result	Final Qualifiers	Method Detection	Method Reportin	Report Result	Lab Qualifier	DQM Qualifier	DQM Remarks	X Coordina	Y Coordina	Longitude
SL-736-SA5A-SB-3.0-4.0	11/18/2013	N	3	4	ft	SO	5A DG		7282340	LL	160.3M	11/26/2013	PH131	8.9	1	MOIST	MOISTURE	8.9		0.10	0.10	%				1786407	267547.8	-118.70757

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

[illegible]

Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

Latitude
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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

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Subarea 5A - Phase 3 Master Database Table

[illegible]

Subarea 5A - Phase 3 Master Database Table

[illegible]

Subarea 5A - Phase 3 Master Database Table

[illegible]

Subarea 5A - Phase 3 Master Database Table

[illegible]

Subarea 5A - Phase 3 Master Database Table

[illegible]

Subarea 5A - Phase 3 Master Database Table

[illegible]

Latitude
34.233131

Appendix E

Field Sample Data Sheets and Boring Logs

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

SLM J. Myers

Sample ID

EB-052913

Date/Time

05/29/2013 1500

Matrix (circle one)

Soil

Sediment

Water

Start Depth

NA

End Depth

NA

Depth Units (circle one)

Inches

Feet

Check If Composite

☐

DPT

Slide Hammer

Collection Method (circle one)

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

NA

Sampler

Pam Hartman

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	
	EPA 7470 (Water)	X
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	X
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 15% FINES</u>		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND
					SP
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH <u>≥ 15% FINES</u>		SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT <u>LESS THAN 50</u>		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
		LIQUID LIMIT <u>GREATER THAN 50</u>		OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 99

3. Fill Description (circle all that apply)

Asphalt Metal Plastic
Concrete Wood Glass
Igneous/Metamorphic Gravel N/A
Other _____

Is Staining Present Yes No

Color _____

Odor _____

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature _____ PG Registration # _____

Additional Comments _____

ASTM WATER LOT #: 52298

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

Shirley M. [Signature]

Sample ID

EB-053013

Date/Time

05/30/2013 1500

Matrix (circle one)

Soil

Sediment

Water

Start Depth

NA

End Depth

NA

Depth Units (circle one)

Inches

Feet

Check If Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

NA

Sampler

Pam Hartman

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	
	EPA 7470 (Water)	X
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	X
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
VOCs	EPA 8260	
1,4 Dioxane	EPA 8260 SIM	
TPH-GRO	EPA 8015	X
TPH-EFH	EPA 8015	X
Glycols	EPA 8015	
Alcohols	EPA 8015	
Terphenyls	EPA 8015	
Nitrates	EPA 300.0/9056	
Energetics	EPA 8330	
Cyanide	EPA 9012	
Formaldehyde	EPA 8315	
NDMA	EPA 1625	
Organotin	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
			GC	Clayey GRAVEL	
		SAND WITH * 5% FINES		SW	Well-graded SAND
			SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SP-SC	Poorly graded SAND with clay
				SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT GREATER THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
			CH	Fat inorganic CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				OH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present Yes No
- Percentage Fill (%) _____
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	N/A	
Other _____		

Is Staining Present Yes No

Color _____

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature _____ PG Registration # _____

Additional Comments _____

ASTM WATER LOT # 53038 52298
sm53013

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

[Signature]

Sample ID

EBI-060513

Date/Time

06/05/2013 1500

Matrix (circle one)

Soil

Sediment

Water

Start Depth

End Depth

Depth Units (circle one)

Inches

Feet

Check If Composite

☐

Collection Method (circle one)

☒

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

NA

Sampler

Pam Hartman

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	
	EPA 7470 (Water)	X
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	X
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
Sediment	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION		GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES	GW	Well-graded GRAVEL
			GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES	GW-GM	Well-graded GRAVEL with silt
			GW-GC	Well-graded GRAVEL with clay
			GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES	GM	Silty GRAVEL
			GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES	SW	Well-graded SAND
			SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES	SW-SM	Well-graded SAND with silt
			SW-SC	Well-graded SAND with clay
			SP-SM	Poorly graded SAND with silt
			SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH $\geq 15\%$ FINES	SM	Silty SAND
			SC	Clayey SAND
		LIQUID LIMIT LESS THAN 50	ML	Inorganic SILT with low plasticity
			CL	Lean inorganic CLAY with low plasticity
			OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50	MH	Elastic inorganic SILT with moderate to high plasticity
			CH	Fat inorganic CLAY with moderate to high plasticity
			OH	Organic SILT or CLAY with moderate to high plasticity
		HIGHLY ORGANIC SOILS		PT

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%)

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other

Is Staining Present Yes No

Color

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature PG Registration #

Additional Comments

ASTM WATER LOT# 50098

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

Shirley M. G. L.

Sample ID

EB2-060513

Date/Time

04/05/2013 1530

Matrix (circle one)

Soil

Sediment

Water

Start Depth

End Depth

Depth Units (circle one)

Inches

Feet

Check If Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

NA

Sampler

Pam Hartman

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☒
Fluoride	EPA 300.0/9056	☒
SVOCs	EPA 8270	☒
TIC	EPA 8270	☒
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☒
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	☒
Perchlorate Confirmation	EPA 6850/6860	☒
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☒
Hexavalent Chromium	EPA 7196/7199	☒
Herbicides	EPA 8151	☒
Pesticides	EPA 8081	☒

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 6% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 6% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%)

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes No

Color _____

Odor _____

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature _____ PG Registration # _____

Additional Comments _____

ASTM WATER LOT # 52298

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By Shelby Mysel

Sample ID EBI-061213 Date/Time 06/12/2013 1500

Matrix (circle one)
Soil Sediment Water

Start Depth 3.0

End Depth 3.0

Depth Units (circle one)
Inches Feet

Check if Composite ☐

Collection Method (circle one)
DPT Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)
N FD FB RB

Parent Sample ID NA

Field Geologist NA

Sampler Pam Hartman

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	
	EPA 7470 (Water)	X
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	X
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	X
Hexavalent Chromium	EPA 7196/7199	X
Herbicides	EPA 8151	
Pesticides	EPA 8081	X

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH BETWEEN 5% AND 15% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
				SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
				SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT GREATER THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
			CH	Fat inorganic CLAY with moderate to high plasticity	
			CH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) _____

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes No

Color _____

Odor _____

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature _____ PG Registration # _____

Additional Comments _____

ASTM WATER LOT # 52098

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

Shirley M. [Signature]

Sample ID

EB2-06/2/13

Date/Time

06/12/2013 1530

Matrix (circle one)

Soil

Sediment

Water

Start Depth

End Depth

Depth Units (circle one)

Inches

Feet

Check If Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

NA

Sampler

Pam Hartman

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	X
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	X
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	X
Hexavalent Chromium	EPA 7196/7199	X
Herbicides	EPA 8151	
Pesticides	EPA 8081	X

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME		
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL		
				GP	Poorly graded GRAVEL		
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt		
				GW-GC	Well-graded GRAVEL with clay		
				GP-GM	Poorly graded GRAVEL with silt		
				GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL		
				GC	Clayey GRAVEL		
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND		
				SP	Poorly graded SAND		
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt		
				SW-SC	Well-graded SAND with clay		
				SP-SM	Poorly graded SAND with silt		
		SAND WITH $\geq 15\%$ FINES		SP-SC	Poorly graded SAND with clay		
				SM	Silty SAND		
				SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity		
				CL	Lean inorganic CLAY with low plasticity		
				OL	Organic SILT with low plasticity		
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity		
				CH	Fat inorganic CLAY with moderate to high plasticity		
				OH	Organic SILT or CLAY with moderate to high plasticity		
			HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%)

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other

Is Staining Present Yes No

Color

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature

PG Registration #

Additional Comments

ASTM WATER LOT #52298

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By Steph Myers

Sample ID EB1-06/1913 Date/Time 06/19/2013 1500

Matrix (circle one)

Soil Sediment Water

Start Depth 31913

End Depth 31913

Depth Units (circle one)

Inches Feet

Check if Composite ☐

Collection Method (circle one)

DPT Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)

N FD FB RB

Parent Sample ID NA

Field Geologist NA

Sampler Pam Hartman

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☒
Fluoride	EPA 300.0/9056	☒
SVOCs	EPA 8270	☒
TIC	EPA 8270	☒
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☒
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	☒
Perchlorate Confirmation	EPA 6850/6860	☒
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☒
Hexavalent Chromium	EPA 7196/7199	☒
Herbicides	EPA 8151	☒
Pesticides	EPA 8081	☒

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY			SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
	SAND WITH ≥ 10% FINES		SM	Silty SAND	
			SC	Clayey SAND	
	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
			CL	Lean inorganic CLAY with low plasticity	
	LIQUID LIMIT GREATER THAN 50		OL	Organic SILT with low plasticity	
			MH	Elastic inorganic SILT with moderate to high plasticity	
			CH	Fat inorganic CLAY with moderate to high plasticity	
	HIGHLY ORGANIC SOILS			OH	Organic SILT or CLAY with moderate to high plasticity
			PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) _____

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes No

Color _____

Odor _____

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature _____ PG Registration # _____

Additional Comments _____

ASTM WATER LOT #52298

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

Shygh Mysel

Sample ID

EB2-06/19/13

Date/Time

06/19/2013 1530

Matrix (circle one)

Soil

Sediment

Water

Start Depth

End Depth

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

NA

Sampler

Pam Hartman

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	
	EPA 7470 (Water)	X
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	X
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
		GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL	
			GC	Clayey GRAVEL		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
				SP-SM	Poorly graded SAND with silt	
				SP-SC	Poorly graded SAND with clay	
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND	
			SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity	
				CH	Fat inorganic CLAY with moderate to high plasticity	
					OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS			PT

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%)

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other

Is Staining Present Yes No

Color

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature PG Registration #

Additional Comments

ASTM WATER LOT #58298

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

[Signature] 11/14/13

Sample ID EB-111413

Date/Time 11/14/2013 1530

Matrix (circle one)

Soil Sediment Water

Start Depth NA

End Depth NA

Depth Units (circle one)

Inches Feet 11/14/13

Check if Composite ☐

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID NA

Field Geologist Cathrine Cox

Sampler Pam Hartman

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	
	EPA 6020	
	EPA 7471 (Soil)	
	EPA 7470 (Water)	X
Fluoride	EPA 300.0/9056	
SVOCS	EPA 8270	
TIC	EPA 8270	X
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	X
Hexavalent Chromium	EPA 7196/7199	X
Herbicides	EPA 8151	
Pesticides	EPA 8081	X

Parameters	Method	Analyze?
VOCs	EPA 8260	
1,4 Dioxane	EPA 8260 SIM	
TPH-GRO	EPA 8015	X
TPH-EFH	EPA 8015	X
Glycols	EPA 8015	
Alcohols	EPA 8015	X
Terphenyls	EPA 8015	
Nitrates	EPA 300.0/9056	
Energetics	EPA 8330	
Cyanide	EPA 9012	
Formaldehyde	EPA 8315	X
NDMA	EPA 1625	
Sediment	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
	LIQUID LIMIT LESS THAN 50	LIQUID LIMIT GREATER THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
HIGHLY ORGANIC SOILS				CH	Fat inorganic CLAY with moderate to high plasticity
				CI	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%)

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other

Is Staining Present Yes No

Color

Odor

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature

PG Registration #

Additional Comments

Lot # 53038

11/14/2013

SA5A

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

Nancy Janelle

Sample ID

EB-111913

Date/Time

11/19/13 1500

Matrix (circle one)

Soil

Sediment

Water

Start Depth

NA

End Depth

NA

Depth Units (circle one)

Inches

NA

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

NA

Sampler

Pam Hartman

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	
	EPA 7470 (Water)	X
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	X
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	X
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	X
Hexavalent Chromium	EPA 7196/7199	X
Herbicides	EPA 8151	X
Pesticides	EPA 8081	X

PH
11/19/13

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SP	Poorly graded SAND
				SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
			SP-SC	Poorly graded SAND with clay	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%)

3. Fill Description (circle all that apply)

Asphalt Metal Plastic
Concrete Wood Glass
Igneous/Metamorphic Gravel N/A
Other

Is Staining Present Yes No

Color

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A

Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature

Mike Hoffman

PG Registration #

7735

Additional Comments

ASTM LOT # 53038

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By _____

Sample ID EB1-112613

Date/Time 11/26/13 1430

Matrix (circle one)
 Soil ☐ Sediment ☐ Water ☒

Start Depth NA

End Depth NA

Depth Units (circle one)
 Inches NA Feet ☐

Check if Composite ☐

DPT ☒

Collection Method (circle one)
 Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment ☐

QC Type (circle one)
 N ☐ FD ☐ FB ☐ RB ☒

Parent Sample ID NA

Field Geologist NA

Sampler Pam Hartman

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	
	EPA 7470 (Water)	☒
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	☒
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630
	Total Nitrogen	ASTM D5373
	TOC	ASTM D5310
	Grain Size	ASTM 2488-09a

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL	
				GP	Poorly-graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly-graded GRAVEL with silt	
				GP-GC	Poorly-graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND	
				SP	Poorly-graded SAND	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
				SP-SM	Poorly-graded SAND with silt	
				SP-SC	Poorly-graded SAND with clay	
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND	
				SC	Clayey SAND	
		LIQUID LIMIT LESS THAN 50	LIQUID LIMIT GREATER THAN 50		ML	Inorganic SILT with low plasticity
					CL	Lean inorganic CLAY with low plasticity
					OL	Organic SILT with low plasticity
					MH	Elastic inorganic SILT with moderate to high plasticity
HIGHLY ORGANIC SOILS				CH	Fat inorganic CLAY with moderate to high plasticity	
				CH	Organic SILT or CLAY with moderate to high plasticity	
				PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%)

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other

Is Staining Present Yes No

Color

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature PG Registration #

Additional Comments

ASTM LOT # 53038

SA5A
5m120413

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By _____

Sample ID EB2-112613 Date/Time 11/26/13 1500

Matrix (circle one)
 Soil Sediment Water

Start Depth NA
 End Depth NA

Depth Units (circle one)
 Inches NA Feet

Check If Composite ☐

Collection Method (circle one)
 DPT Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)
 N FD FB RB

Parent Sample ID NA

Field Geologist NA

Sampler Pam Hartman

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	
	EPA 7470 (Water)	X
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	X
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	X
Hexavalent Chromium	EPA 7196/7199	X
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630
	Total Nitrogen	ASTM D5373
	TOC	ASTM D5310
	Grain Size	ASTM 2488-09a

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No
2. Percentage Fill (%) 100
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|-------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | N/A | |
| Other _____ | | |

Is Staining Present Yes No

Color _____

Odor _____

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature _____ PG Registration # _____

Additional Comments _____

ASTM WATER LOT #: 53038

SA-5A

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By _____

Sample ID EB-120213 Date/Time 12/02/13 1500

Matrix (circle one)
Soil Sediment Water

Start Depth NA

End Depth NA

Depth Units (circle one)
Inches NA Feet

Check if Composite ☐

Collection Method (circle one)
DPT Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)
N FD FB RB

Parent Sample ID NA

Field Geologist NA

Sampler Ram Hartman

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	
	EPA 7470 (Water)	☒
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	☒
Hexavalent		
Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630
	Total Nitrogen	ASTM D5373
	TOC	ASTM D5310
	Grain Size	ASTM 2488-09a

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>< 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 15% FINES</u>		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH <u>< 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS THAN 50</u>		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT <u>GREATER THAN 50</u>		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes No
2. Percentage Fill (%)
3. Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	N/A	
Other		

Is Staining Present Yes No

Color

- Odor
1. Odor Strength (circle one)

None	Slight	Strong
------	--------	--------
 2. Odor Description (circle one)

Organic	Petroleum	Chemical
N/A	Other	

Moisture Condition (circle one)

Dry Moist Wet

PG Signature PG Registration #

Additional Comments

ASTM LOT # 53038

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By Pamela 12/03/13

Sample ID EB-120313

Date/Time 12/03/2013 1500

Matrix (circle one)

Soil Sediment Water

Start Depth NA

End Depth NA

Depth Units (circle one)

Inches NA Feet

Check if Composite ☐

Collection Method (circle one)

DPT Slide Hammer Hand Auger Slide Hammer Trenching Sediment

QC Type (circle one)

N FD FB RB

Parent Sample ID NA

Field Geologist NA

Sampler Pamela Hartman

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	
	EPA 6020	
	EPA 7471 (Soil)	
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630
	Total Nitrogen	ASTM D5373
	TOC	ASTM D5310
	Grain Size	ASTM 2488-09a

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL		
			GC	Clayey GRAVEL		
		SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND
					SP	Poorly graded SAND
SAND WITH BETWEEN 5% AND 15% FINES			SW-SM	Well-graded SAND with silt		
			SW-SC	Well-graded SAND with clay		
			SP-SM	Poorly graded SAND with silt		
			SP-SC	Poorly graded SAND with clay		
SAND WITH ≥ 15% FINES		SM	Silty SAND			
		SC	Clayey SAND			
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS</u> THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
		LIQUID LIMIT <u>GREATER</u> THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity	
				CH	Fat inorganic CLAY with moderate to high plasticity	
				OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%)

3. Fill Description (circle all that apply)

Asphalt Metal Plastic
Concrete Wood Glass
Igneous/Metamorphic Gravel N/A
Other

Is Staining Present Yes No

Color

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A

Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature

PG Registration #

Additional Comments

Lot water (ASTM) #53038
Goes w/ EB-120213, PAH's originally
collected in wrong bottle type.

Location ID: DG-508		Subarea: 5A		Date Started: THURSDAY 11/14/13 0820		Date Completed: 11/14/13	
Client: DOE				Project Name/#: Santa Susana Field Lab/99489			
Company Name: CDM SMITH				Drill Contractor/Driller: SAFS			
GPS collected? Yes or No				Drill Method: DPT			
Radiological Background: 10/92				Borehole diameter: 2.25"			
PID Background: 0.0				Depth to GW: 34.4			
Radiological Equipment Used:				Sampling Method: DPT			
☒ MicroR ☒ Alpha/Beta ☒ Pancake				PG Review & No: Mike Hoffman #7735 Geologist: C. Cox			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1			0.0	11/48	SL-508-SASA-SB-0.0-0.5	0935		ASPHALT very dark gray (3 3/4"), dry, no odor
2	3.6	4.0	0.0	11/30			SM	SILTY SAND: olive yellow (2.5 y 6/6), 80% sand, f-m, mostly medium, 20% silt, non plastic, t gravel (ss formation), sa-sr, max φ = 0.5", t igneous clasts, dry, no odor (fill)
3			0.0	11/48				Same as above increased sand to 85%, max φ of ss formation gravel is 1.5", dry, no odor. (fill)
4			0.0	11/54	SL-508-SASA-SB-4.0-5.0	0947		Same as above max φ = 1.5" (ss formation) at 4.5', t igneous clasts, dry, no odor (fill)
5			0.0	9/54				
6	3.5	4.0	0.0	9/40				
7			0.0	9/102				
8			0.0	9/60				
9	3.9	4.0	0.0	9/48	SL-508-SASA-SB-7.0-10.0	0955		SAA light olive brown (2.5 y 5/4), 88% sand, f-m, 15% silt, non plastic, t gravel (igneous), sa-sr, max φ 1.25" @ 9.5', t ss formation clasts, dry, no odor (fill)

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 4

ABBREVIATIONS:					
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery	SAA Same as above
c: coarse	lt: light	rnd: rounded	v: very		
dk: dark	m: medium	sa: subangular	wg: well graded		
l: line	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface	

Location ID: **DG508** Subarea: **5A** Date Started: **11/14/13** Date Completed: **11/14/13**
 Project: **SSFL** Geologist: **C. Cox** Total Depth: **34.4'**

Depth (feet)	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
11	4.0	0.0	9/66				
12	4.0	0.0	9/48				
13	4.0	0.0	9/30				SM Same as above light olive brown (2.5 y 5/4) 70% sand, f-m, 30% silt, low plasticity, t gravel (SS formation) SA-SR, max $\phi = 1.0$ @ 13' dry, no odor (Fill)
14	4.0	0.0	8/60				
15	4.0	0.0	8/66				SP-SM poorly graded sand with silt: olive brown (2.5 y 4/4), 90% sand, pg, m-f, mostly med, 10% silt, non plastic, t red brick clasts, t igneous clasts @ 15', dry, no odor (Fill)
16	4.0	0.0	8/90				Same as above
17	4.0	0.0	8/108				Same as above
18	4.0	0.0	9/24	SL-508 SASA-SB 17.0-18.0			ML Silty sand: very dark grayish brown (2.5 y 3/2), 60% sand, pg, f-m, mostly fine, 40% silt, low plasticity, SANDY SILT Silt with sand very dark grayish olive yellow (2.5 y 4/4) 60% silt, low plasticity, 35% sand, pg, f-m, mostly fine, 5% gravel (igneous) SA-SR, max $\phi = 2"$ @ 19', stained soil (2.5 y 3/2) at 17.3'-18.0' and @ 21'-22', t ss formation clasts, t red brick clasts @ 21', dry, light organic odor at stained intervals (Fill), weathered banding at 21'.
19	4.0	0.0	9/36				
20	4.0	0.0	9/54				
21	4.0	0.0	9/30				

Location ID: DG-508		Subarea: 5A		Date Started: 11/14/13		Date Completed: 11/14/13	
Client: DOE		Project Name/ #: Santa Susana Field Lab/99489				Total Depth: 34.4	
Company Name: CDM SMITH				Drill Contractor/Driller: SAPS			
GPS collected? Yes or No				Drill Method: DPT		Depth Drilled into Bedrock: NA	
Radiological Background:				Borehole diameter: 2.25"			
PID Background:				Depth to GW: 34.4"		Sampling Method: DPT	
Radiological Equipment Used:				PG Review & No.:		Geologist: C. Cox	
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
22			0.0	8/48	SL-508-SA5A-SB-21.0-22.0	1009	ML	See above
23		4.0/4.0	0.0	8/48				
24			0.0	8/60				
25			0.0	8/72				
26		9/4.0						SM No recovery ^{24'-28'} same as above Silty sand olive brown (2.54 4/4), 70% sand, ^{ps} m-m, mostly medium, 25% silt, Non plastic, 5% gravel (SS ^{weathered} formation) sa-sr, max ϕ = 1.0", t red brick clasts (Full) moist at 31.5; wet at 33.5 ^{34'}
27								
28			0.0	9/96				
29			0.0	9/78				
30			0.0	9/51				

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 3 of 4
11/14/13

ABBREVIATIONS:				
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
l: fine	mod: moderate	sr: subrounded	ϕ : diameter	bgs: below ground surface

Location ID: SG-508		Subarea: 5A		Date Started: 11/14/13		Date Completed: 11/14/13	
Project: SSFL				Geologist: C. Cox		Total Depth: 34.4'	

Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiologica I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
		0.0	9/30			ML	See above
32		0.0	9/54				
33	1.0/4.0	0.0	9/54	SL-508-SASA-SB-33.0-34.0	0918	See 11/14/13	
34		0.0					
35							Refusal at sandstone @ 34.4' water @ 34.4'

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-508-~~SA~~5A-SB-0.0-0.5 Date/Time 11/14/13 0935

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100%

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes No

Color OLIVE YELLOW (2.5Y 6/6)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NONE

AN
11/14/13

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-508-SA5A-SB-4.0-5.0 Date/Time 11/14/2013 0947

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 4.0

End Depth 5.0

Depth Units (circle one)
Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION		GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
			CH	Fat inorganic CLAY with moderate to high plasticity	
			CH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100%

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes No

Color OLIVE YELLOW (2.5Y 6/6)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments NONE

AN
11/19/2013

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-508-SASA-SB-9.0-10.0 Date/Time 11/14/2013 0955

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 9.0

End Depth 10.0

Depth Units (circle one)
 Inches ☒ Feet

Check If Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630
Sediment		

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
			GRAVEL WITH $\geq 15\%$ FINES		GM
			GC	Clayey GRAVEL	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SP	Poorly graded SAND
				SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
			SAND WITH $\geq 15\%$ FINES		SM
			SC	Clayey SAND	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100%

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other Sandstone formation

Is Staining Present Yes No

Color LIGHT OLIVE BROWN (2.5Y 5/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A

Other

Moisture Condition (circle one)

Dry

Moist

Wet

PG Signature Nick Hoffman

PG Registration # 7735

Additional Comments NONE

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-508-SA5A-SB-17.0-18.0 Date/Time 11/14/2013 1002

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 17.0

End Depth 18.0

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler ANIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
SAND WITH ≥ 15% FINES		SM	Silty SAND		
		SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 100%

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SANDSTONE, RED BRICK

Is Staining Present ☒ Yes ☐ No

Color OLIVE GREEN (2.5 Y 6/6)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NOTE

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-508 - SASA-SB-330-34.0 Date/Time 11/14/2013 0918

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 33.0

End Depth 34.0

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
		SAND WITH * 5% FINES		GC	Clayey GRAVEL
				SW	Well-graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SP	Poorly graded SAND
				SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
SAND WITH ≥ 15% FINES		SP-SC	Poorly graded SAND with clay		
		SM	Silty SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SC	Clayey SAND
				ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
		LIQUID LIMIT GREATER THAN 50		OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
			OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100%

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SANDSTONE, RED BEDDCK

Is Staining Present Yes No

Color OLIVE BROWN (25Y 4/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry

Moist

Wet 2/14/13

PG Signature Nick Hoffman

PG Registration # 7735

Additional Comments NOTE

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-508 -SASA-SB-21.0-22.0 Date/Time 11/14/2013 1009

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 21.0

End Depth 22.0

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH * 5% FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
SAND WITH ≥ 15% FINES			SP-SM	Poorly graded SAND with silt		
			SP-SC	Poorly graded SAND with clay		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
				MH	Elastic inorganic SILT with moderate to high plasticity	
	LIQUID LIMIT GREATER THAN 50			CH	Fat inorganic CLAY with moderate to high plasticity	
				OH	Organic SILT or CLAY with moderate to high plasticity	
		HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100%

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SANDSTONE, RED BRICK

Is Staining Present Yes No

Color olive yellow (2.5Y 4/6)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Mike Hoffman

PG Registration # _____

Additional Comments N/A

Location ID: DG-518	Subarea: 5A	Date Started: TUESDAY 11/19/13 0804	Date Completed: 11/19/13
Client: DOE		Project Name/ #: Santa Susana Field Lab/99489	
Company Name: CDM-SMITH		Drill Contractor/Driller: SAFS	Total Depth: 17.1', 16.0', 15.8', 16.0'
GPS collected? Yes or No		Drill Method: DPT	Depth Drilled into Bedrock: NA
Radiological Background: 13/87		Borehole diameter: 2.25"	
PID Background: 0.0		Depth to GW: NA	Sampling Method: DPT
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		PG Review & No. Null Hoffman #7735	
		Geologist: C. Cox	

Depth (feet)	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		0.0	12/76	SL-518-SASA-SB-0.0-0.5	0845	SM	SILTY SAND: pale brown (2.5 y 7/4); 80% sand, pg, f; 20% silt, non plastic; t gravel (igneous), c, sa-sr, max $\phi = 1"$; t red brick, dry, no odor (FILL)
2	3.6/4.0	0.0	10/90			SM	SILTY SAND: light olive yellowish brown (2.5 y 5/6), 85% sand, pg, f-m; 15% silt, non-plastic; t ss formation, t igneous clasts, dry, no odor (FILL)
3		0.0	10/72			SP	SAND: Pale brown (2.5 y 7/4); 90% sand, pg, f-m, mostly m; 5% silt, non-plastic; 5% gravel (ss formation), c, sa-sr, max $\phi = 1.0"$; weak cementation; t red brick, dry, no odor (FILL)
4		0.0	10/66				
5	4.0/	0.0	10/66			SM	SILTY SAND: dark yellowish brown (10YR 3/4); 80% sand, pg, f-m, mostly m; 15% silt, low plasticity; 5% gravel (ss formation), f, sa-sr, max $\phi = 0.5"$ weak cementation, t igneous clasts; stained greenish gray (GLEY 1%) at 7.7-8.2 interval with slight organic odor at same interval; moist at 5.5' (FILL)
6	4.0	0.0	10/54				
7		0.0	10/72				
8		1.8	10/89	SL-518-SASA-SB-7.0-8.0	0855		
9	4.0/14.0	1.2	10/36			SM	SILTY SAND: Black (2.5 y 2.5/1); 70% sand, pg, f-m; 30% silt, low plasticity; t ss formation; stained interval; moist, slight organic odor (FILL)

**CDM
Smith**

BORING LOG AND SAMPLING RECORD

Page 1 of 2

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	ϕ : diameter	bgs: below ground surface

Location ID: DG-518		Subarea: 5A		Date Started: TUES 11/19/13	Date Completed: 11/19/13
Project: SSFL				Geologist: C. Co	Total Depth: 17.1

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
10			1.5	10/42	SL-518-SASA-SB-10.0-11.0	0917	SM	See above
11			1.8	10/54				SILTY SAND: very dark grayish brown (2.5y 3/2); 65% sand, pg, f-m, mostly f; 35% silt, low plasticity, moist, no odor
12				10/72			SM	
13	4.0/4.0		1.9	10/66				
14			1.7	10/96				SILTY SAND: same as above except color change to olive brown (2.5y 4/4), mottled/ weathered coloring; moist, no odor
15			2.4	10/72	SL-518-SASA-SB-15.0-16.0	1003	SM	
16			1.3	10/84			SP-SM	SAND: olive yellow (2.5y 6/8); 90% sand, pg, f-m; 10% silt, non-plastic; moist, no odor
17				10/60			SP	SAND: olive yellow (2.5y 6/8); 95% sand, pg, f-m, mostly f; 5% silt, non-plastic, moist, no odor
18								Refusal at sand stone bedrock 17.1/16.0/15.8'
19								
20								

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-518-SASA-SB-0.0-0.5 Date/Time 11/19/2013 0845

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. UJIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

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SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
	LIQUID LIMIT LESS THAN 50	LIQUID LIMIT GREATER THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
HIGHLY ORGANIC SOILS				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color pale brown (2.5 7/4)

Odor

1. Odor-Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature Nike [Signature]

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-S18-SASA-SB-7.0-8.0 Date/Time 11/19/2013 0855

Matrix (circle one)
☒ Soil Sediment Water

Start Depth 7.0

End Depth 8.0

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ OPT Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)
☒ N FD FB RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. U. J. J. J.

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260 ☒
	1,4 Dioxane	EPA 8260 SIM ☒
	TPH-GRO	EPA 8015 ☒
	TPH-EFH	EPA 8015 ☒
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

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SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY			SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
		LIQUID LIMIT GREATER THAN 50		OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
			CH	Fat inorganic CLAY with moderate to high plasticity	
			OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present Yes No
- Percentage Fill (%) 100
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
<u>Igneous/Metamorphic Gravel</u>	N/A	
Other <u>SS Formation</u>		

Is Staining Present Yes No

Color greenish gray (6LE4.1%)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A

Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature

Mila Hoffman

PG Registration #

7735

Additional Comments

None

cell 11/13

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-518-SASA-SB-1000-11.0

Date/Time 11/19/2013 0917

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 10.0

End Depth 11.0

Depth Units (circle one)
Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. COX

Sampler A. V. JURY

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260 ☒
	1,4 Dioxane	EPA 8260 SIM ☒
	TPH-GRO	EPA 8015 ☒
	TPH-EFH	EPA 8015 ☒
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

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8 ENCORES

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS</u> THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT <u>GREATER</u> THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS formation

Is Staining Present Yes No

Color Black (2.54 & 5%)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Mila Hoffman

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID

SL-S18-SASA-SB-

15.0 ~ 16.0
16.0 ~ 17.0

Date/Time

11/14/2013 1003

Matrix (circle one)

Soil

Sediment

Water

Start Depth

15.0

15.0

End Depth

16.0

16.0

Depth Units (circle one)

Inches

Feet

Check if Composite ☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

C. Cox

Sampler

A. J. J. J.

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630
Sediment		

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2 ENCORES

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

Soil Classification (circle one)			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
MAJOR DIVISION					
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) NA

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐
Color olive brown (2.5Y 4/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
☒ N/A ☐ Other _____

Moisture Condition (circle one)

Dry ☒ Moist ☐ Wet

PG Signature Nick Hoffman

PG Registration # 7735

Additional Comments None

Location ID: DG- 521	Subarea: 5A	Date Started: 12/4 11/14/13 WEDNESDAY	Date Completed: 11/14/13
Client: DOE	Project Name/ #: Santa Susana Field Lab/99489		Total Depth: 15.5, 15.4, 15.4
Company Name: CDM SMITH	Drill Contractor/Driller: SAFS	Depth Drilled into Bedrock: NA	
GPS collected? Yes or No	Drill Method: DPT	Sampling Method: DPT	
Radiological Background: 11/57	Borehole diameter: 2.25"	Geologist: C. Cox	
PID Background: 0.0	Depth to GW: NA		
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		2.9/4.0	0.0	10/66	SL-521-SASA-SB-0.0-0.5	1318	C	concrete (5 YR 7/2) pinkish gray, dry, no odor
2			0.0	85/85			SM	light yellowish brown (2.5Y 6/4), 70% sand, pg, f-m, mostly m, 25% silt, non plastic, 5% gravel (igneous) sa-sr, max φ = 1.25"; moist at 2.5'; no odor, color change at 2.5'-2.7' only (FILL)
3			0.0	7/86				
4			0.0	7/60				
5			0.0	7/54				
6		4.6/4.0	0.0	10/96			SM	SILTY SAND: Same as above, olive brown (2.5Y 4/4), 80% sand, pg, f-m, mostly f, 20% silt, non-plastic, t gravel (igneous and ss formation), sa-sr, max φ = 0.25", t brick clasts, moist, no odor (FILL)
7			0.0	10/72			SM	SILTY SAND: Same as above, 85% sand, pg, f-m, 25% silt - nonplastic, t (igneous) gravel, sr-sa, max φ = 0.25", t ss formation, t red brick, weathered banding at 2.6', moist, no odor (FILL)
8			0.0	10/66			SM	Same as above: SILTY SAND: olive gray (5Y 4/2), 80% sand, pg, f-m, mostly f, 20% silt, t micaceous material, t red brick, dry, no odor, staining starts at 9 and increases with depth (FILL)
9			0.0	10/108	SL-521-SASA-SB-9.0-10.0	1350		

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 2

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
l: line	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Location ID:		Subarea:		Date Started:		Date Completed:		
DG-521		5A		11/14/13		11/14/13		
Project: SSFL				Geologist:		Total Depth:		
				C. Cox		15.5		
Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
10			0.0	10/78				Silt with Sand: Olivegray (5Y 4/2), 70% silt, non plastic, 25% sand, pg, f-m, mostly t (weathered SS formation) gravel, sa-sr, max Ø=0.5", dry, no odor until slight organic odor, burnt wood-twig at 10' staining starts at 9', increases to max black (5Y 2.5/1) at 11.5'-12' interval. Moist at 11.4' (Fill)
11	4.0	4.0	0.0	10/90	SL-521-SASA-SB-11.0-12.0MS	1420	ML	SANDY SILT darkest yellowish brown (10YR 4/6), 70% silt, non plastic, 30% sand, pg, f-m, t red brick, t micaceous material, weathered banding at 13.5' moist, no odor stained at 12'-12.5' very dark grayish brown (2.5Y 3/2) (Fill)
12	3.7	3.7	0.0	10/122	SL-821-SASA-SB-11.0-12.0	1425		
13	4.0	4.0	0.0	10/66				
14	4.0	4.0	0.0	10/96	SL-521-SASA-SB-14.0-15.0	1435		
15			0.0	10/48				silty sand olive yellow (2.5Y 4/6) 85% sand, pg, f-m, mostly m, 10% silt, non plastic, 5% gravel (SS formation), sa-sr, max Ø=0.25" weathered banding at 14.5'-15'; moist, no odor (Fill)
16			3.7	10/96			SM	15.2'-15.5' poorly graded sand with silt: yellow (2.5Y 7/8), 90% sand, pg, f-m, mostly m, 10% silt, non plastic, t burnt wood-twig at 15.3', moist, no odor, (Fill) Refused @ 15.5', 15.4', 15.4' @ SS formation

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. VIVIAN

Sample ID SL-521-SA5A-SB-0.0-0.5 Date/Time 11/14/2013 1318

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	X
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	X
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
			GC	Clayey GRAVEL	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
			SC	Clayey SAND	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes No

Color light yellowish brown (2.5y 6/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Vicki Hoffman

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. VIVIAN

Sample ID CL-521-SASA-SB-9.0-10.0 Date/Time 11/14/2013 1350

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 9.0

End Depth 10.0

Depth Units (circle one)

Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☒
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☒
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
VOCs	EPA 8260	☐
1,4 Dioxane	EPA 8260 SIM	☐
TPH-GRO	EPA 8015	☒
TPH-EFH	EPA 8015	☒
Glycols	EPA 8015	☐
Alcohols	EPA 8015	☐
Terphenyls	EPA 8015	☐
Nitrates	EPA 300.0/9056	☐
Energetics	EPA 8330	☐
Cyanide	EPA 9012	☐
Formaldehyde	EPA 8315	☒
NDMA	EPA 1625	☐
Organotin	NOAA Status and Trends, Krone et al.	☐
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other red rock

Is Staining Present Yes No

Color Olive gray (5Y 4/2)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments None

cell 11/13

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. VIVIAN

Sample ID SL-821-SASA-SB-11.0-12.0 Date/Time 11/14/2013 1425

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 11.0

End Depth 12.0

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
 N ☐ ☒ FD ☐ FB ☐ RB

Parent Sample ID SL-521-SASA-11.0-12.0 MS

Field Geologist C. Cox

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	☒
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	☒
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260 ☒
	1,4 Dioxane	EPA 8260 SIM ☒
	TPH-GRO	EPA 8015 ☒
	TPH-EFH	EPA 8015 ☒
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315 ☒
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq$ 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq$ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq$ 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq$ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS Formation, twig/wood

Is Staining Present Yes No

Color olivegray (5Y4/2)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. UJIAN

Sample ID S4-521-SASA-SB-11.0-12.0MS Date/Time 11/14/2013 1420

Matrix (circle one)
☒ Soil Sediment Water

Start Depth 11.0

End Depth 12.0

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)
☒ N FD FB RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. Nivian

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	X
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	X
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

(Other) SS formation, twig/wood

Is Staining Present Yes No

Color olive gray (5Y 4/2)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A

Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. USCAR

Sample ID SL-521 - SASA-SB-14.0 - 15.0 Date/Time 11/14/2013 1435
Am 11/14/2013

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 14.0 - 15.0

End Depth 15.0

Depth Units (circle one)
Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	☒
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	☒
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic
Concrete Wood Glass
Igneous/Metamorphic Gravel N/A

Other red brick

Is Staining Present Yes No

Color darkest yellowish brown (10YR 4/6)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

Location ID:		Subarea:		Date Started:		Date Completed:	
Project: SSFL				Geologist:		Total Depth:	
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological I (μ R/cpm)	Sample Name	Sample Time	USCS	Description of Materials

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page ___ of ___

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-584-SASA-SB-0.0-0.5

Date/Time 11/25/13 0850

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
☐ Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☐ DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler R. Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630
Sediment		

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-GM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS formation

Is Staining Present Yes No

Color

dark yellowish brown (10YR4/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A

Other

Moisture Condition (circle one)

Dry

Moist

Wet

PG Signature

Mike Hoffman

PG Registration #

7735

Additional Comments

None
cell test 13

Location ID: DG-596		Subarea: 5A	Date Started: 11/19/13 <i>Monday</i>	Date Completed: 11/19/13 <i>TUES</i>
Client: DOE		Project Name/ #: Santa Susana Field Lab/99489		Total Depth: 5.3, 5.2, 5.3
Company Name: CDM SMITH		Drill Contractor/Driller: SATF		Depth Drilled into Bedrock: NA
GPS collected? ☒ Yes or No		Drill Method: DPT		Sampling Method: DPT
Radiological Background: 11/69		Borehole diameter: 2.25"		
PID Background: 0.0		Depth to GW: NA		Geologist: C. Cox
Radiological Equipment Used:		PG Review & No. <i>[Signature]</i>		
☒ MicroR ☒ Alpha/Beta ☒ Pancake				

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiologica I (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
			0.0	10/77	SL-596-SASA-SB-0.0-0.5	1135	SM	0-3" Asphalt
1		3.5/4.0	0.0	11/66			SM	SILTY SAND: dark brown (7.5 y 3/3); 65% Sand, pg, f; 25% silt, low plasticity; 5% gravel (ss formation), f, sa-sr, 0.25" max; t igneous clasts; mottled/ weathered color; dry, no odor (ALL)
2			0.0	11/54				
3			0.0	11/36			SM	SILTY SAND WITH CLAY: light olive brown (2.5 y 5/4); 65% Sand, pg, f; 25% silt, low plasticity; 10% clay, firm; dry, no odor, mottled/ weathered color.
4		2.0/4.0	6.0	11/42	SL-596-SASA-SB-4.0-5.0	1143		
5			0.0	10/78			SP	SAND: light yellowish brown (2.5 y 4/4); 95% Sand, pg, f-m, mostly f; 5% silt, non-plastic; dry, no odor
6			0.0	10/78				

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
l: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Location ID:		Subarea:		Date Started:		Date Completed:	
Project: SSFL				Geologist:		Total Depth:	
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiologica I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-546-SASA-SB-0.0-0.5

Date/Time 11/11/2013 1135

Matrix (circle one)
☒ Soil Sediment Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)
☒ N FD FB RB

Parent Sample ID NA

AW 11/12/13

Field Geologist ~~C. Cox~~ C. Cox

Sampler A. U. U. U. U.

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	☒
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2,402 JMS

2, SLERUS

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
	SP-SM		Poorly graded SAND with silt		
	SP-SC		Poorly graded SAND with clay		
SAND WITH ≥ 15% FINES		SM	Silty SAND		
		SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS formation

Is Staining Present Yes No

Color dark brown (7.5YR 3/3)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A

Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NONE

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

C. Cox

Sample ID SL-596-SASA-SB-4.0-5.0
July 14/13

Date/Time 11/19/13
11/19/2013 1143

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 4.0
 End Depth 5.0

Depth Units (circle one)
 Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. COX

Sampler A. UDUJA

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	X
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2, 16 OZ JARS
 2 ENCORES

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL	
				GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
			GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL	
		SAND WITH BETWEEN 5% AND 15% FINES		GC	Clayey GRAVEL	
			SAND WITH * 5% FINES		SW	Well-graded SAND
					SP	Poorly graded SAND
			SAND WITH ≥ 15% FINES		SW-SM	Well-graded SAND with silt
					SW-SC	Well-graded SAND with clay
					SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SM	Silty SAND	
				SC	Clayey SAND	
		LIQUID LIMIT GREATER THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
				MH	Elastic inorganic SILT with moderate to high plasticity	
				CH	Fat inorganic CLAY with moderate to high plasticity	
				OH	Organic SILT or CLAY with moderate to high plasticity	
			HIGHLY ORGANIC SOILS			

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) N/A

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☐ No ☒

Color light olive brown (2.5Y 5/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Nick Hoffman

PG Registration # 7735

Additional Comments None

12-3-13
12-2-13

Location ID: DSK-606		Subarea: 5A	Date Started: 12-2-13	Date Completed: 12-2-13
Client: DOE		Project Name/ #: Santa Susana Field Lab/99489		Total Depth: 1st HA = 0.9 2nd HA = 0.7
Company Name: CDM SMITH		Drill Contractor/Driller: NA		Depth Drilled into Bedrock: 0.13 NA
GPS collected? (Yes) or No		Drill Method: Slidehammer / HA		
Radiological Background: K=13 α=99		Borehole diameter: 3.25		
PID Background: 0.0		Depth to GW: NA		Sampling Method: Slidehammer
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		PG Review & No. Multi-Stop from #7735		Geologist: David Rojas

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.5		0.5/05	0.0	13/82	SL-606	1425	SM	SILTY SAND, yellow (10YR 5/4) mottled w/ brown (10YR 4/4) Fg, pg, sr to sa, quartz, clay; Sand 80% SD, 15% SILT
		0.0	0.0	13/102	SA5A-53		SM	5% GRAVEL: Gravel in sr. igneous rock, lt gray (10YR 7/1) mottled w/ pale red (7.5R 6/4), hard; tr and org. (roots)
		0.0	0.0	13/97				SILTY SAND, light brown (10YR 6/4) Fg, pg, sr to sa, quartz, clay, 70% SD 15% SILT 15% GRAVEL (5% igneous, A. & 10% siltstone & sandstone)
								Refusal @ 0.9' b/s

**CDM
Smith**

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Location ID:		Subarea:		Date Started:		Date Completed:	
Project: SSFL				Geologist:		Total Depth:	
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiologica l (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-616-SA5A-SB-0.0-0.5 Date/Time 12-2-13 / 1425

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
 DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Ryan Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630
	Total Nitrogen	ASTM D5373
	TOC	ASTM D5310
	Grain Size	ASTM 2488-09a

2 SS Sleeves & 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS</u> THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT <u>GREATER</u> THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 5

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

fine sized H gray (10YR 7/1) mottled w/ pale red (7.5R 4/4)

Other _____

Is Staining Present Yes No

Color

yel brown (10YR 5/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature

Vincent Hoffman

PG Registration #

7735

Additional Comments

NA

Location ID: DG-628		Subarea: 5A		Date Started: TUES 11/12/2013 1315		Date Completed: 11/12/2013	
Client: DOE				Project Name/ #: Santa Susana Field Lab/99489			
Company Name: CDM SMITH				Drill Contractor/Driller: SAFS			
GPS collected? Yes or No				Drill Method: DPT			
Radiological Background: 13/80				Borehole diameter: 2.25"			
PID Background: 0.0 ppm				Depth to GW: NA			
Radiological Equipment Used:				PG Review & No. [Signature] #1735			
☒ MicroR ☒ Alpha/Beta ☒ Pancake				Sampling Method: DPT			
				Geologist: C. Cox			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1	2.8	4.0	0.0	10/78	SL-628-SA SA-SB-0.0-0.5MS SL-928-SASA-SB-0.0-0.5	1340	SP	Sand w/ silty yellow (2.5 y 6/6); 85% sand, pg, f-m, mostly medium; 15% gravel (igneous), pg, f-m, sa-sr, max $\phi = 0.5"$; dry, no odor. (Fill)
2	2.8	4.0	0.0	10/84				
3			0.0	10/72			SP-SM	Sand yellowish brown (10YR 5/6); 85% sand, pg, f-m, mostly f, 10% silt, pg, m, 5% gravel, pg, f-m, sa-sr, max $\phi = 0.25"$ dry, no odor.
4			0.0	10/90	SL-628-SASA-SB-4.0-5.0	1400	ML	Silty sandy: dark brown (10YR 3/3) 80% sand, pg, f, 15% silt, pg, m, 5% gravel, pg, f, sa-sr, max $\phi = 0.25"$; dry, no odor
5	2.4	4.0	0.0	10/120			SP	Sand: pale brown (2.5Y 7/4) 95% sand, pg, f-m, mostly m; 5% silt, gravel, pg, f, sa-sr, max $\phi = 0.15"$, dry, no odor
6			0.0	10/120				
7			0.0	10/42	SL-628-SASA-SB-6.5-7.5	1405		
8			0.0	10/66				
Refusal @ 7.4', 7.8' top of sandstone								

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
lt: fine	mod: moderate	sr: subrounded	ϕ : diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

C. Cox

Sample ID SL-628-SASA-SB-0.0-0.5 ms

Date/Time 11/12/2013 1340

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

Field Geologist

C. Cox

Sampler

A. UJVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCS	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION		GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE		GW	Well-graded GRAVEL	
			GP	Poorly graded GRAVEL	
			GW-GM	Well-graded GRAVEL with silt	
			GW-GC	Well-graded GRAVEL with clay	
			GP-GM	Poorly graded GRAVEL with silt	
			GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE		GM	Silty GRAVEL	
			GC	Clayey GRAVEL	
			SW	Well-graded SAND	
			SP	Poorly graded SAND	
			SW-SM	Well-graded SAND with silt	
			SW-SC	Well-graded SAND with clay	
			SP-SM	Poorly graded SAND with silt	
			SP-SC	Poorly graded SAND with clay	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY		SM	Silty SAND	
			SC	Clayey SAND	
			ML	Inorganic SILT with low plasticity	
			CL	Lean inorganic CLAY with low plasticity	
			OL	Organic SILT with low plasticity	
			MH	Elastic inorganic SILT with moderate to high plasticity	
			CH	Fat inorganic CLAY with moderate to high plasticity	
			OH	Organic SILT or CLAY with moderate to high plasticity	
		HIGHLY ORGANIC SOILS			PT

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes No

Color olive yellow (2.5 Y 6/6)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

cell 12/15

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

C. Cox

Sample ID SL-928-SASA-SB-0.0-0.5

Date/Time 11/12/2013 1340

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

OPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

SL-628-SASA-SB-0.0-0.5 ms

Field Geologist

C. COX

Sampler

A. UJIAH

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present ☒ Yes ☐ No
- Percentage Fill (%) 100
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
<u>Igneous/Metamorphic Gravel</u>		N/A
Other _____		

Is Staining Present Yes ☒ No

Color

olive yellow (2.5 y 6/6)

Odor

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature

[Signature]

PG Registration #

7735

Additional Comments None

ccw/12/13

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

C. Cox

Sample ID

SL-628-SA^{SA5A-}
SB-615-7.5
2/1/2013

Date/Time

11/12/2013 1405

Matrix (circle one)

Soil

Sediment

Water

Start Depth

6.5

End Depth

7.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

C. Cox

Sampler

A. Vivian

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	X
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) NA
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color pale brown (2.5Y 7/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic ☐ Petroleum ☐ Chemical ☐

☒ N/A ☐ Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

cell 12/13

Location ID: DG-630A		Subarea: 5A		Date Started: 1250 11/12/13		Date Completed: 11/12/13	
Client: DOE		Project Name/ #: Santa Susana Field Lab/99489				Total Depth: 7.0	
Company Name: CDM SMITH		Drill Contractor/Driller: SAPS				Depth Drilled into Bedrock: NA	
GPS collected? Yes or No		Drill Method: DPT				Sampling Method: DPT	
Radiological Background: 14/95		Borehole diameter: 2.25"				Geologist: C. Cox	
PID Background: 0.0 ppm		Depth to GW: NA					
Radiological Equipment Used:		PG Review & No. 11/12/13 #7735					
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1			0.0	10/14/13			SP-SIA	Sand: yellow (54 7/6) 90% sand, pg, f; 10% silt, pg, f; dry, no odor.
2	3.5/4		0.0	10/108			SP	Silty sand: olive yellow (2.54 6/6), 70% sand, pg, f, 20% silt, pg, f-m, 10% gravel pg, f, max φ = 0.25", dry, no odor.
3			0.0	10/84				
4			0.0	10/46			ML	Sandy silt & dark olive brown (2.54 3/3) 70% silt, pg, f-m, 20% sand, pg, f, 10% gravel pg, f, max φ = 0.25", dry, no odor.
5	2.5/4		0.0	10/42			ML	Same as above color & to light olive brown; dry, no odor. (2.54 5/6)
6			0.0	10/42			SP	Sand: light yellowish brown (2.54 6/4) 90% sand, pg, f-m, t.e., sa-sr, 5% silt, pg, m-c, dry, no odor.
7			0.0	10/54				Refusal @ 7' @ sandstone
8								No samples collected.

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Δ = change

Surface sampling with slide hammer conducted at
 DG-630A on 11/11/13 C. Cox 11/12/13

Location ID: DG-630A		Subarea: 5A		Date Started: Monday 11/11/2013 13:15		Date Completed: 11/11/2013	
Client: DOE		Project Name/ #: Santa Susana Field Lab/99489				Total Depth: 0.5'	
Company Name: CDM SMITH				Drill Contractor/Driller: CDM Smith NA			
GPS collected? Yes or No				Drill Method: Side Hammer		Depth Drilled into Bedrock: NA	
Radiological Background: 14/97				Borehole diameter: 2.25"		Sampling Method: Split Spoon	
PID Background: 0.0				Depth to GW: NA		Geologist: C. Cox	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake				PG Review & No.:			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.5		0.5	0.0	12/78	SL-630A-- SA SA-SB -0.0-0.5	1330	SP	Sand: yellow (SY 7/6); 90% sand, 10% silt, pg. f; dry, no odor. End of Boring 0.5 feet.

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:					
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery	
c: coarse	lt: light	rnd: rounded	v: very		
dk: dark	m: medium	sa: subangular	wg: well graded		
l: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface	

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-6304-SASA-SB-0.0-0.5 Date/Time 11-11-13 1330

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☐ DPT ☐ Slide Hammer ☒ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist ^{AKW}A. KATIE ^{AKW}C. Cox

Sampler ANDY VIVIAN

Analysis

	Parameters	Method	Analyze?
	Metals	EPA 6010	
		EPA 6020	
		EPA 7471 (Soil)	
		EPA 7470 (Water)	
	Fluoride	EPA 300.0/9056	
	SVOCs	EPA 8270	
	TIC	EPA 8270	
	PAHs	EPA 8270 SIM	
	1,4 Dioxane	EPA 8270 SIM	
	Dioxins	EPA 1613	
	PCBs/PCTs	EPA 8082	X
	Perchlorate	EPA 314.0/331	
	Perchlorate Confirmation	EPA 6850/6860	
	pH	EPA 9045 (Soil)	
		EPA 9040 (Water)	
	Hexavalent Chromium	EPA 7196/7199	
	Herbicides	EPA 8151	
	Pesticides	EPA 8081	

	Parameters	Method	Analyze?
Encores	VOCs	EPA 8260	
	1,4 Dioxane	EPA 8260 SIM	
	TPH-GRO	EPA 8015	
	TPH-EFH	EPA 8015	
Sediment	Glycols	EPA 8015	
	Alcohols	EPA 8015	
	Terphenyls	EPA 8015	
	Nitrates	EPA 300.0/9056	
	Energetics	EPA 8330	
	Cyanide	EPA 9012	
	Formaldehyde	EPA 8315	
	NDMA	EPA 1625	
	Organotin	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630	

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) N/A

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color NA

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NONE

AW
11/11/2013

Location ID: DG-630B		Subarea: 5A		Date Started: Monday 11/11/2013		Date Completed: 11/11/2013	
Client: DOE		Project Name/ #: Santa Susana Field Lab/99489				Total Depth: 0.5'	
Company Name: CDM SMITH		Drill Contractor/Driller: NA				Depth Drilled Into Bedrock: NA	
GPS collected? Yes or No		Drill Method: slide Hammer				Borehole diameter: 2.25"	
Radiological Background: 14/81		Depth to GW: NA				Sampling Method: Split Spoon	
PID Background: 0.0		PG Review & No: Mike [signature] # 7735				Geologist: C. Cox	
Radiological Equipment Used:							
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiologica I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.5	0.5 0.5	0.0	SL-630B- SASA- SB-0.0- 0.5	12/78 2/14/13	1345	SP	Sand: pale yellow (s y 7/4); 85% sand, pg, f; w/ gravel 15% gravel, pg, f, sa, max φ = 0.75", dry, no odor. ccu/18/13 End of boring 0.5 feet

**CDM
Smith**

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
l: line	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Location ID:			Subarea:		Date Started:		Date Completed:	
Project: SSFL					Geologist:		Total Depth:	
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiologica l (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials	

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C Cox

Sample ID SL-630B-SASA-SB-0.0-05 Date/Time 11-11-13 1345

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
 DPT ☐ Slide Hammer ☐ ☒ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist KATIE COX 11/13 C. Cox

Sampler ANDY VIUJAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	
	EPA 6020	
	EPA 7471 (Soil)	
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 10% FINES</u>		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS THAN 50</u>		SM	Silty SAND
				SC	Clayey SAND
				ML	Inorganic SILT with low plasticity
		LIQUID LIMIT <u>GREATER THAN 50</u>		CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
					
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No

2. Percentage Fill (%) NA

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒

Other _____

Is Staining Present Yes ☒ No

Color NA

Odor

1. Odor Strength (circle one)
☒ None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

☒ Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments NOIR

AW
11/11/13

Location ID: DG-630C		Subarea: 5A		Date Started: Monday 11/11/13 @ 1345		Date Completed: 11/11/13	
Client: DOE				Project Name/ #: Santa Susana Field Lab/99489			
Company Name: CDM SMITH				Drill Contractor/Driller: NA		Total Depth: 0.5'	
GPS collected? Yes or No				Drill Method: Slide hammer		Depth Drilled into Bedrock: NA	
Radiological Background: 14/87				Borehole diameter: 2.25"			
PID Background: 0 ppm				Depth to GW: NA		Sampling Method: Split Spoon	
Radiological Equipment Used:				PG Review & No. 11/11/13 #7735		Geologist: C. Cox	
☒ MicroR ☒ Alpha/Beta ☐ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.5		0.5	0.0	12/54	SL-630C-SASA-SB - 0.0-0.5	1405	ML	sandy silt: pale yellow (5Y 7/4); 85% silt, 10% sand, pg, f; 5% gravel, pg, sa-sr, max Ø = 0.5"; dry, no odor.
End of boring 0.5 feet.								

**CDM
Smith**

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
lt: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-630C-SASA-SB 0.0-0.5 Date/Time 11-11-13 1405

Matrix (circle one)
☒ Soil Sediment Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
 DPT Slide Hammer ☒ Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)
☒ N FD FB RB

Parent Sample ID NA

Field Geologist C. COX

Sampler A. UDVIAH

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	
	EPA 6020	
	EPA 7471 (Soil)	
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Endores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES	GP	Poorly graded GRAVEL	
			GW-GM	Well-graded GRAVEL with silt	
			GW-GC	Well-graded GRAVEL with clay	
			GP-GM	Poorly graded GRAVEL with silt	
		GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINE	GM	Silty GRAVEL	
		GC	Clayey GRAVEL		
		SAND WITH $\leq 5\%$ FINES	SW	Well-graded SAND	
			SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES	SW-SM	Well-graded SAND with silt	
			SW-SC	Well-graded SAND with clay	
			SP-SM	Poorly graded SAND with silt	
			SP-SC	Poorly graded SAND with clay	
SAND WITH $\geq 15\%$ FINES	SM	Silty SAND			
	SC	Clayey SAND			
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50	ML	Inorganic SILT with low plasticity	
			CL	Lean inorganic CLAY with low plasticity	
			OL	Organic SILT with low plasticity	
		LIQUID LIMIT GREATER THAN 50	MH	Elastic inorganic SILT with moderate to high plasticity	
			CH	Fat inorganic CLAY with moderate to high plasticity	
			OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) N/A
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color

2/11/13 pale yellow (5Y 7/4)

Odor

1. Odor Strength (circle one)
None ☒ Slight ☐ Strong ☐

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☐

N/A

Other _____

Moisture Condition (circle one)

☒ Dry

Moist ☐

Wet ☐

PG Signature

[Signature]

PG Registration #

7735

Additional Comments

NOXIR

Location ID: DG-630D		Subarea: 5A		Date Started: Monday 11/11/2013 1415		Date Completed: 11/11/2013	
Client: DOE				Project Name/ #: Santa Susana Field Lab/99489			
Company Name: CDM SMITH				Drill Contractor/Driller: NA		Total Depth: 0.5'	
GPS collected? Yes or No				Drill Method: Slide hammer		Depth Drilled into Bedrock: NA	
Radiological Background: 14/86				Borehole diameter: 2.25"			
PID Background: 0.0				Depth to GW: NA		Sampling Method: Split Spoon	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake				PG Review & No.: 7735		Geologist: C. Cox	

Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.5	0.5	0.0	14/103	SL-630D- SASA-SB- 0.0-0.5	11/11/13 1425	ML	Silt with sand: yellow (5Y 7/6); 80% silt, 15% sand, pg, f, sr, gravel, max φ = 0.75", dry, no odor End of boring 0.5 Feet

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:					
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery	
c: coarse	lt: light	rnd: rounded	v: very		
dk: dark	m: medium	sa: subangular	wg: well graded		
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface	

[illegible]

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-6300-SASA-SB 0.0-0.5 Date/Time 11-11-13 1427

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)

DPT Slide Hammer ☒ Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. VIGILAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	
	EPA 6020	
	EPA 7471 (Soil)	
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL		
			GC	Clayey GRAVEL		
		SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
					SP	Poorly graded SAND
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
					SW-SC	Well-graded SAND with clay
	SP-SM			Poorly graded SAND with silt		
	SP-SC			Poorly graded SAND with clay		
SAND WITH ≥ 15% FINES		SM	Silty SAND			
		SC	Clayey SAND			
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity	
				CH	Fat inorganic CLAY with moderate to high plasticity	
				OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) NA

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐
Color yellow (5Y 7/6)

Odor

1. Odor Strength (circle one)
☒ None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature Nick Hoffmann

PG Registration # 7735

Additional Comments NOIR

Location ID: DG-631		Subarea: 5A		Date Started: Monday 11/25/13 1413		Date Completed: 11/25/13	
Client: DOE		Project Name/ #: Santa Susana Field Lab/99489				Total Depth: 0.5'	
Company Name: CDM SMITH		Drill Contractor/Driller: NA				Depth Drilled Into Bedrock: NA	
GPS collected? (Yes or No)		Drill Method: Slidehammer				Borehole diameter: 2.25"	
Radiological Background: 13/97		Depth to GW: NA				Sampling Method: Slidehammer/split spoon	
PID Background: 0.0		PG Review & No?				Geologist: C. Cox	
Radiological Equipment Used:							
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiologica I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		0.0	13/92	SL-613- SASA-SB- 0.0-0.5	1420	SM	SILTY SAND: dark yellowish brown (10yr 3/4); 75% Sand, Pg, f-m, 20% silt, non plastic; 5% gravel (SS formation), f-c, max φ = 2.0"; dry, no odor (FILL) End of boring at sample collection - 0.5'
2		0.0	13/72				

**CDM
Smith**

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

[illegible]

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-631-SA5A-SB-0.0-0.5 Date/Time 11/25/13 1420

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
 DPT ☐ ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler R. Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	☐
	1,4 Dioxane	☐
	TPH-GRO	☐
	TPH-EFH	☒
Sediment	Glycols	☐
	Alcohols	☐
	Terphenyls	☐
	Nitrates	☐
	Energetics	☐
	Cyanide	☐
	Formaldehyde	☐
	NDMA	☐
	Organotin	☐
	Methyl Mercury	☐

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
				SP-SM	Poorly graded SAND with silt	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH $\geq 15\%$ FINES		SP-SC	Poorly graded SAND with clay	
				SM	Silty SAND	
				SC	Clayey SAND	
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
			LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
					CH	Fat inorganic CLAY with moderate to high plasticity
					OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS formation

Is Staining Present Yes No

Color

dark yellowish brown (10YR4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature

Vicki Hoffman

PG Registration #

7735

Additional Comments

None

Location ID: DG-634		Subarea: 5A		Date Started: Monday 11/11/2013 1440		Date Completed: 11/11/2013	
Client: DOE		Project Name/ #: Santa Susana Field Lab/99489				Total Depth: 0.5'	
Company Name: CDM SMITH		Drill Contractor/Driller: NA				Depth Drilled Into Bedrock: NA	
GPS collected? Yes or No		Drill Method: Slide hammer					
Radiological Background: 14/98		Borehole diameter: 2.25"				Sampling Method: Split Spoon	
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used:		PG Review & No.:				Geologist: C. Cox	
☒ MicroR ☒ Alpha/Beta ☒ Pancake		<i>Under Review #7735</i>					

Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.5	0.5	0.0	14/87	SL-634-SASA-SB-0.0-0.5	1450	ML	silt with sand: pale brown (2.5Y 7/4); 80% silt, ^{low plasticity} 15% sand, pg, f; 5% gravel, pg, ^{fine} sa-sr, max φ = 0.5", dry, no odor.
End of boring 0.5 feet 11/11/13. Refusal @ 6" - End of boring							

**CDM
Smith**

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Location ID:			Subarea:		Date Started:		Date Completed:	
Project: SSFL					Geologist:		Total Depth:	
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiologica I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials	

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-634-SA SA-SA 0.0-0.5 Date/Time 11-11-13 1450

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☒ Trenching ☐ Sediment ☐

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. J. JURY

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	X
TIC	EPA 8270	X
PAHs	EPA 8270 SIM	X
1,4-Dioxane	EPA 8270 SIM	X
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	X
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630
Sediment		

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) N/A

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes No

Color pale brown (2.5Y 7/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments None

Location ID: DG-654 DG-654 11/13/13		Subarea: 5A		Date Started: WEDNESDAY 11/13/13		Date Completed: 11/13/2013	
Client: DOE				Project Name/ #: Santa Susana Field Lab/99489		Total Depth: 4.7, 3.7, 4.0, 4.0	
Company Name: CDM SMITH				Drill Contractor/Driller: SAFS		Depth Drilled into Bedrock: NA	
GPS collected? Yes or No				Drill Method: DPT		Borehole diameter: 2.25"	
Radiological Background: 14/77				Depth to GW: NA		Sampling Method: DPT	
PID Background: 0.0				PG Review & No.: Mike [Signature] from #7735		Geologist: C. Cox	
Radiological Equipment Used:							
☒ MicroR ☒ Alpha/Beta ☒ Pancake							
Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS
1		0.0	14/82	SL-654-SASA-SB-0.0-0.5	0805	11/13/13	ML
2		0.0	14/82	SL-654-SASA-SB-0.0-0.5	0805	11/13/13	ML
3		0.0	14/42	SL-654-SASA-SB-3.0-4.0MS	0820	11/13/13	IM
4		0.0	14/42	SL-654-SASA-SB-3.0-4.0MS	0825	11/13/13	IM
5		0.0	14/42	SL-654-SASA-SB-3.0-4.0MS	0825	11/13/13	IM
Description of Materials: 1. Silty sand 80% sand, pg, f-m; 2. 20% silt, pg, m-c, t gravel 3. sandy silt silt with sand, olive brown (2.5y 4/4) 4. 20% sand, pg, m-c, t gravel, dry, no odor 80% silt, f-m, 5. silty sand light yellowish brown (2.5y 6/4) 70% sand, pg, f-m, 6. mostly medium, 30% silt, No plasticity, dry, no odor 7. same as above 8. Refusal at Sandstone @ 4.7, 3.7, 4.0, 4.0							

sandstone gravel from formation

FULL

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:
 amt: amount gr: grained pg: poorly graded t: trace nr: no recovery
 c: coarse lt: light rnd: rounded v: very
 dk: dark m: medium sa: subangular wg: well graded
 fl: fine mod: moderate sr: subrounded φ: diameter bgs: below ground surface

4.7, 3.7, 4.0, 4.0

Location ID:		Subarea:		Date Started:		Date Completed:	
Project: SSFL				Geologist:		Total Depth:	
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiologica I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page__ of __

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. Vivian

Sample ID SL-654-SA5A-SB-0.0-0.5 Date/Time 11/13/2013 0805

Matrix (circle one)	Start Depth <u>0.0</u>	Depth Units (circle one)
☒ Soil ☐ Sediment ☐ Water	End Depth <u>0.5</u>	Inches ☒ Feet

Check if Composite ☐ Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. Vivian

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
				SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH BETWEEN 5% AND 15% FINES		SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
				SM	Silty SAND
				SC	Clayey SAND
		SAND WITH $\geq 15\%$ FINES		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
HIGHLY ORGANIC SOILS		LIQUID LIMIT GREATER THAN 50		CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other Sandstone formation

Is Staining Present Yes ☐ No ☒

Color olive brown (2.5Y 4/4)

Odor

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

02/13/13

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. VIVIAN

Sample ID SL-654-SASA-SB-3.0-4.0MS Date/Time 11/13/2013 0820

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 3.0

End Depth 4.0

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. Vivian

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL	
				GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
			GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL	
			GC	Clayey GRAVEL		
		SAND WITH * 5% FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
SAND WITH ≥ 15% FINES			SP-SM	Poorly graded SAND with silt		
			SP-SC	Poorly graded SAND with clay		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
			CL	Lean inorganic CLAY with low plasticity		
	LIQUID LIMIT GREATER THAN 50		OL	Organic SILT with low plasticity		
			MH	Elastic inorganic SILT with moderate to high plasticity		
			CH	Fat inorganic CLAY with moderate to high plasticity		
			OH	Organic SILT or CLAY with moderate to high plasticity		
		HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) N/A
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color light yellow brown (2.5Y 6/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A

Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

cell 1/3/2013

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. Vivian

Sample ID SL-954-SASA-SB-3.0-4.0 Date/Time 11/13/2013 0825

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 3.0

End Depth 4.0

Depth Units (circle one)
 Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
 N ☐ ☒ FD ☐ FB ☐ RB

Parent Sample ID SL-654-SASA-SB-3.0-4.0M.S

Field Geologist C. Cox

Sampler A. Vivian

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS THAN 50</u>		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT <u>GREATER THAN 50</u>		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes NO

2. Percentage Fill (%) NA

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel (N/A)

Other _____

Is Staining Present Yes (No)

Color light yellowish brown (2.5Y 6/4)

Odor

1. Odor Strength (circle one)

(None) Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

(N/A) Other _____

Moisture Condition (circle one)

(Dry) Moist Wet

PG Signature Nick Hoffman

PG Registration # 7735

Additional Comments None

Location ID: DG-657		Subarea: 5A		Date Started: WED 11/13/13 0925		Date Completed: 11/13/2013	
Client: DOE				Project Name/ID: Santa Susana Field Lab/99489			
Company Name: CDM SMITH				Drill Contractor/Driller: SAFS		Total Depth: 7.4, 7.9, 7.9	
GPS collected? Yes or No				Drill Method: DPT		Depth Drilled into Bedrock: 7.4, 7.9, 7.9 NA	
Radiological Background: 12/110				Borehole diameter: 2.25"		Sampling Method: DPT	
PID Background: 0.0				Depth to GW: NA		Geologist: C. LOX	
Radiological Equipment Used:				PG Review & No.:			
☒ MicroR ☒ Alpha/Beta ☒ Pancake				11/13/13 from #7X5			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		8 1/4	0.0	12/74	SL-657-SASA-SB-0.0-0.5	0935		Silt w/ sand: light olive brown (2.5Y 5/4), 85% silt, Nonplastic, 15% sand, pg, f-m, mostly fine, t micaceous material, t-gravel (igneous), max φ = 1.0", dry, no odor. (Fill)
2		4.0	0.0	10/42				
3			0.0	10/60				Same as above. color change to yellowish brown (10YR 5/6), increase silt to 95% t micaceous material, dry, no odor (fill)
4			0.0	10/54	SL-657-SASA-SB-4.0-5.0	1420		SILT: light olive brown (2.5Y 5/6) 75% silt, pg, f-m, low plastic, 25% sand, pg, f-m, mostly fine, ss formation material, dry, no odor (fill)
5			0.0	10/36				
6			0.0	10/48				Silty sand: light yellowish brown (2.5Y 4/4) 85% sand, pg, f-m, 15% silt non-plastic, dry, no odor
7			0.0	10/66	SL-657-SASA-SB-7.0-8.0	0950		Same as above, firmer, oxidation bands, dry, no odor
8			0.0	10/48				Refusal at sandstone at 7.4', 7.9', 7.9'

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:					
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery	
c: coarse	lt: light	rnd: rounded	v: very		
dk: dark	m: medium	sa: subangular	wg: well graded		
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface	

[illegible]

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. VIVIAN

Sample ID SL-657-SAGA-SB-0.0-0.5

Date/Time 11/13/2013 0950 0935

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCS	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other Sandstone formation

Is Staining Present Yes No

Color Light olive brown (2.5Y 5/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A

Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-657-SASA-SB-4.0-5.0

Date/Time 11/13/2013

Matrix (circle one)

☒ Soil Sediment Water

Start Depth 4.0

End Depth 5.0

Depth Units (circle one)

Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)

☒ DPT Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)

☒ N FD FB RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. UJUJAY

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\geq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\geq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100%

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS Formation

Is Staining Present Yes No

Color light olive brown (2.5Y 5/6)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Nick Hoffman

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. VIVIAN

Sample ID SL-657-SASA-SB 7.0-8.0 Date/Time 11/13/2013 0950

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 7.0

End Depth 8.0

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. COX

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
				SP-SM	Poorly graded SAND with silt	
				SP-SC	Poorly graded SAND with clay	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH $\geq 15\%$ FINES		SM	Silty SAND	
				SC	Clayey SAND	
				ML	Inorganic SILT with low plasticity	
		LIQUID LIMIT LESS THAN 50		CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
			LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
					CH	Fat inorganic CLAY with moderate to high plasticity
					OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS			

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) NA
3. Fill Description (circle all that apply)

Asphalt Metal Plastic
 Concrete Wood Glass
 Igneous/Metamorphic Gravel ☒ N/A
 Other _____

Is Staining Present

Yes ☒ No ☐

Color

light yellowish brown (2.5Y 6/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A

Other _____

Moisture Condition (circle one)

☒ Dry

Moist

Wet

PG Signature

[Signature]

PG Registration #

7735

Additional Comments

None

CEH/3/13

1 - 658		Subarea: 5A	Date Started: WED 11/13/2013 1030	Date Completed: 11/13/2013
Project Name/#: Santa Susana Field Laboratory/94489				
Drill Contractor/Driller: SAFS		Total Depth: 8.0, 8.0, 8.0		
Drill Method: DPT		Depth Drilled into Bedrock: NA		
Borehole diameter: 2.25"		Depth to GW: NA		
Sampling Method: DPT		Geologist: C. Cox		
Radiological Background: 13/103		PG Review & Notes: Miller/Jefferson #7735		
PID Background: 0.0				
Radiological Equipment Used:				
☒ MicroR ☒ Alpha/Beta ☐ Pancake				

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		3.5/4.0	0.0	11/93	SL-658-SASA-SB 0.0-0.5	1035	ML	SILT: olivebrown (2.5 y 4/4) - 85% silt, pg, low plasticity, 15% sand, pg, f-m, mostly f, + gravel (SS formation) ^{SS-SF max φ = 0.75"} AND odor, ^{11/13/13} dry (FW)
2			0.0	10/72				
3			0.0	10/90				
4			0.0	10/72				Same as above increased stiffness (FW)
5		4.0/4.0	0.0	10/54	SL-658-SASA-SB 4.0-5.0	1400		
6			0.0	10/36				SILT WITH SAND: light yellowish brown (2.5 y 6/4) 80% silt pg, low plasticity, 20% sand, PS, f-m, + SS formation grains ^{11/13/13} dry, no odor. (FW)
7			0.0	10/78	SL-658-SASA-SB 7.0-8.0	1045	SM	Silty sand: 70% sand, pg, f-m, mostly fine, 30% silt, pg, weathered SS formation, dry, no odor
8			0.0	10/42				refusal at Sandstone 8.0', 8.0', 8.0'

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace
c: coarse	lt: light	rnd: rounded	v: very
dk: dark	m: medium	sa: subangular	wg: well graded
f: fine	mod: moderate	sr: subrounded	φ: diameter

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-658-SASA-SB-0.0-0.5 Date/Time 11/13/2013 1035

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check If Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
	SAND WITH ≥ 15% FINES		SM	Silty SAND	
			SC	Clayey SAND	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS Formation

Is Staining Present Yes No

Color olive brown (2.5Y 4/4)

Odor

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-658-SASA-SB-4.0-5.0 Date/Time 11/13/2013 1400

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 4.0

End Depth 5.0

Depth Units (circle one)

Inches ☐ Feet ☒

Check If Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. UICOR

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015 ☒
	TPH-EFH	EPA 8015 ☒
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL	
				GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
			GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL	
		SAND WITH * 5% FINES		GC	Clayey GRAVEL	
				SW	Well-graded SAND	
				SP	Poorly graded SAND	
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
					SW-SC	Well-graded SAND with clay
					SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay	
SAND WITH ≥ 15% FINES		SM	Silty SAND			
		SC	Clayey SAND			
	FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
			LIQUID LIMIT GREATER THAN 50		CL	Lean inorganic CLAY with low plasticity
					OL	Organic SILT with low plasticity
					MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity	
				OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS					PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No
2. Percentage Fill (%) 100
3. Fill Description (circle all that apply)
- | | | |
|--|-------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | N/A | |
| ☒ Other <u>SS Formation</u> | | |

Is Staining Present Yes ☒ No

Color olive brown (2.5 Y 4/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments NONE

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-658-SASA-7.0-8.0 Date/Time 11/13/2013 1045

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 7.0
 End Depth 8.0

Depth Units (circle one)
 Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCS	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encore	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME		
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL		
				GP	Poorly graded GRAVEL		
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt		
				GW-GC	Well-graded GRAVEL with clay		
				GP-GM	Poorly graded GRAVEL with silt		
				GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL		
				GC	Clayey GRAVEL		
		SAND WITH * 5% FINES		SW	Well-graded SAND		
				SP	Poorly graded SAND		
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt		
				SW-SC	Well-graded SAND with clay		
				SP-SM	Poorly graded SAND with silt		
				SP-SC	Poorly graded SAND with clay		
SAND WITH ≥ 15% FINES		SM	Silty SAND				
		SC	Clayey SAND				
	FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
					CL	Lean inorganic CLAY with low plasticity	
					OL	Organic SILT with low plasticity	
					MH	Elastic inorganic SILT with moderate to high plasticity	
LIQUID LIMIT GREATER THAN 50				CH	Fat inorganic CLAY with moderate to high plasticity		
				OH	Organic SILT or CLAY with moderate to high plasticity		
			HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS Formation

Is Staining Present Yes No

Color

light yellowish brown 2.5Y 6/4

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature

[Signature]

PG Registration #

7735

Additional Comments

None

6/11/13

Location ID: DG-667		Subarea: 5A		Date Started: WEDNESDAY 11/13/2013 1328		Date Completed: 11/13/2013	
Client: DOE		Project Name/ #: Santa Susana Field Lab/99489				Total Depth:	
Company Name: CDM SMITH		Drill Contractor/Driller: SAFS				4.0, 4.0, 4.0	
GPS collected? Yes or No		Drill Method: DPT				Depth Drilled into Bedrock:	
Radiological Background: 11/83		Borehole diameter: 2.25"				NA	
PID Background: 0.0		Depth to GW: NA				Sampling Method:	
Radiological Equipment Used:		PG Review & No.				DPT	
☒ MicroR ☒ Alpha/Beta ☒ Pancake		<i>Walt [Signature] #7735</i>				Geologist: C. Cox	

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		3.6 4.0	0.0	11/78	SL-667-SASA-SB-0.0-0.5	1330	ML	SANDY SILT: light olive brown (2.54 5/4), 70% silt, low plasticity, 30% sand, pg, f-m, mostly fine, t igneous clasts, dry, no odor (Fill)
2			0.0	10/108				
3			0.0	10/60	SL-667-SASA-SB-3.0-4.0	1340	BSM	poorly graded Sand with silt: olive yellow (2.54 6/6), 90% Sand, pg, f-m, mostly m, 10% silt, no plasticity, t igneous clasts, dry, no odor (Fill)
4			0.0	10/72				Refusal at 4.0', 4.0', 4.0'

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:				
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

Centibis
A. U. J. D. A. M. *C. Cox*

Sample ID

SL-667-SASA-SB-0.0-0.5

Date/Time

11/13/2013 1330

Matrix (circle one)

☒ Soil

☐ Sediment

☐ Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

☐ Inches

☒ Feet

Check if Composite ☐

Collection Method (circle one)

☒ DPT

☐ Slide Hammer

☐ Hand Auger/Slide Hammer

☐ Trenching

☐ Sediment

QC Type (circle one)

☒ N

☐ FD

☐ FB

☐ RB

Parent Sample ID

NA

Field Geologist

C. Cox

Sampler

A. U. J. D. A. M.

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No
2. Percentage Fill (%) 100%
3. Fill Description (circle all that apply)
- | | | |
|-----------------------------------|-------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| <u>Igneous/Metamorphic Gravel</u> | | N/A |
| Other _____ | | |

Is Staining Present Yes No

Color LIGHT OLIVE BROWN (2.5Y 5/4)

Odor

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
N/A Other _____

Moisture Condition (circle one)

DRY Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

AK
4/13/13

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. VIVIAN

Sample ID SL-667-SASA-SB-3.0-4.0 Date/Time 11/13/2013 1340

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 3.0

End Depth 4.0

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015 ☒
	TPH-EFH	EPA 8015 ☒
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL	
				GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
			GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL	
		SAND WITH * 5% FINES		GC	Clayey GRAVEL	
				SW	Well-graded SAND	
				SP	Poorly graded SAND	
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay	
	SP-SM	Poorly graded SAND with silt				
	SP-SC	Poorly graded SAND with clay				
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH ≥ 15% FINES		SM	Silty SAND	
				SC	Clayey SAND	
			LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
					CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity	
		LIQUID LIMIT GREATER THAN 50			MH	Elastic inorganic SILT with moderate to high plasticity
			CH	Fat inorganic CLAY with moderate to high plasticity		
			OH	Organic SILT or CLAY with moderate to high plasticity		
	HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No
2. Percentage Fill (%) 100%
3. Fill Description (circle all that apply)
- | | | |
|-----------------------------------|-------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| <u>Igneous/Metamorphic Gravel</u> | N/A | |
| Other _____ | | |

Is Staining Present Yes No

Color Dark yellow (2.5Y 6/6)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A

Other _____

Moisture Condition (circle one)

Dry

Moist

Wet

PG Signature Nick Deffern

PG Registration # 7735

Additional Comments None

Location ID: DG-670		Subarea: SA		Date Started: WEDNESDAY 11/13/2013 1245		Date Completed: 11/13/2013	
Client: DOE				Project Name/ #: Santa Susana Field Lab/99489			
Company Name: CDM SMITH				Drill Contractor/Driller: SAFS		Total Depth: 2.4', 2.6', 2.4'	
GPS collected? ☒ Yes or No				Drill Method: DPT		Depth Drilled into Bedrock: NA	
Radiological Background: 14/85				Borehole diameter: 2.25"		Sampling Method: DPT	
PID Background: 0.0				Depth to GW: NA		Geologist: C. Cox	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake				PG Review & No. #7735			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1			0.0	13/90	SL-670-SASA-SB 0.0-0.5	1250	ML	SILT: olive brown (2.5Y 4/4) 85% silt, low plasticity WITH SAND 15% silt Sand, pg, m-f, mostly fine, t gravel (igneous) max φ 1.25", dry, no odor (FILL)
2	2.4	4.0	0.0	10/54			SM	Silty sand: light yellowish brown (2.5Y 6/4) 85% sand, pg, f-m, mostly med 20 15% silt, No plasticity, t igneous clasts, dry, no odor (FILL)
3			0.0	10/66				Refusal at sandstone 2.4, 2.6, 2.4
4								

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:					
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery	
c: coarse	lt: light	rnd: rounded	v: very		
dk: dark	m: medium	sa: subangular	wg: well graded		
l: line	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface	

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

C. Cox

Sample ID

SL-670-SASA-SB-0.0-0.5

Date/Time

11/13/2013 1250

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

C. Cox

Sampler

A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100%

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes No

Color OLIVE BROWN (2.5Y 4/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

4/13/13

Location ID: DG-673		Subarea: 5A		Date Started: Friday 11/22/13 1100		Date Completed: 11/22/13	
Client: DOE				Project Name/ #: Santa Susana Field Lab/99489		Total Depth: 11.5', 11.5'	
Company Name: CDM SMITH				Drill Contractor/Driller: SAFS			
GPS collected? ☒ Yes ☐ No				Drill Method: DPT		Depth Drilled into Bedrock: NA	
Radiological Background: 14/87				Borehole diameter: 2.25"			
PID Background: 0.0				Depth to GW: NA		Sampling Method: DPT	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake				PG Review & No. 11/22/13 #7735		Geologist: C. Cox	

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		3.2/	0.0	14/88	SL-673-SASA-SB-0.0-0.5	1133	ML	SANDY SILT: Grayish brown (10YR 5/2); 70% silt, non-plastic; 30% sand, pg, f; t cobble (metamorphic), angular, max φ = 7.3" (broken by radadvancing) @ 0.6'; dry, no odor (FILL)
2		4.0	0.0	11/72			SM	SILTY SAND: Light yellowish brown (10YR 6/4); 80% sand, pg, f-m, mostly f; 30% silt, low plasticity; t gravel (ss formation), f-c, sa-sr, max φ = 1.0"; dry, no odor (FILL)
3			0.0	11/84			SM	SILTY SAND: yellowish brown (10YR 5/6); 65% sand, pg, f-m, mostly m; 35% silt, low plasticity; t ss formation clasts; weathered coloring; dry, no odor (FILL)
4			0.0	11/108	SL-673-SASA-SB-4.0-5.0	1115		
5		4.0/4.0	0.0	11/66				
6			0.0	11/60				
7			0.0	11/84			SM	SILTY SAND: (yellowish brown 10YR 5/6); 70% sand, pg, f-m; 30% silt, low plasticity; t igneous clasts; t ss formation; t red brick @ 10.6'; weathered coloring, moist at 7.5'; no odor (FILL)
8			0.0	11/78				
9		3.8/4.0	0.0	12/72				

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 2

ABBREVIATIONS:
 amt: amount gr: grained pg: poorly graded t: trace nr: no recovery
 c: coarse lt: light rnd: rounded v: very
 dk: dark m: medium sa: subangular wg: well graded
 f: fine mod: moderate sr: subrounded φ: diameter bgs: below ground surface

Location ID: DG-673		Subarea: 5A		Date Started: 11/22/13		Date Completed: 11/22/13	
Project: SSFL				Geologist: C. Cox		Total Depth: 11.5', 11.5'	

Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiologica I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
10		0.0	12/84			SM	SAME AS ABOVE; sand increase to 60%; moist, no odor.
11		0.0	12/86	SL-673- SASA-SB 10.5-11.5	1121	SM	SILTY SAND: yellowish brown (10YR5/6); 75% sand, pg, f-m, mostly f; 25% silt, low plasticity; weathered coloring; moist, no odor
12		0.0	12/60				Refusal at SS Firmation at 11.5', 11.5'

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. VIVIAN
BRU 11/22/13

Sample ID SL-673-SASA-SB-0.0-0.5 Date/Time 11/22/13 1133
11/22/2013

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. Vivian

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

1 4 02 JAR

2 SLEPUAS

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINED		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		* SAND WITH 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No
2. Percentage Fill (%) 100
3. Fill Description (circle all that apply)
- | | | |
|-----------------------------------|-------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| <u>Igneous/Metamorphic Gravel</u> | N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No

Color Grayish brown (10YR 5/2)

Odor

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments NOIR

Am
11/25/12

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. VIVIAN

Sample ID SL-673-SASA-SB-4.0-5.0 Date/Time 11/22/13 1115
11/22/2013

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 4.0

End Depth 5.0

Depth Units (circle one)
 Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. Vivian

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCS	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 ENCORES

2, 16 OZ SRS

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
			GRAVEL WITH ≥ 10% FINES		GM
			GC	Clayey GRAVEL	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SP	Poorly graded SAND
				SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
			SP-SC	Poorly graded SAND with clay	
SAND WITH ≥ 15% FINES		SM	Silty SAND		
	SC	Clayey SAND			
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

- Is Fill Material Present Yes No
- Percentage Fill (%) 100
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	N/A	
<u>Other SS formation</u>		

Is Staining Present Yes No

Color yellowish brown (10YR 5/6)

Odor

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Vicki Johnson

PG Registration # 7735

Additional Comments NOHR

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. VIVIAN

Sample ID S4-673-SASA-SB-10.5-11.5 Date/Time 11/22/2013 1121

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 10.5

End Depth 11.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. COX

Sampler A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 ENCORES
 2, 16 OR SALS

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH * 5% FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
				SP-SM	Poorly graded SAND with silt	
				SP-SC	Poorly graded SAND with clay	
		SAND WITH ≥ 15% FINES		SM	Silty SAND	
				SC	Clayey SAND	
		LIQUID LIMIT LESS THAN 50	LIQUID LIMIT GREATER THAN 50		ML	Inorganic SILT with low plasticity
					CL	Lean inorganic CLAY with low plasticity
					OL	Organic SILT with low plasticity
					MH	Elastic inorganic SILT with moderate to high plasticity
HIGHLY ORGANIC SOILS			CH	Fat inorganic CLAY with moderate to high plasticity		
			OH	Organic SILT or CLAY with moderate to high plasticity		
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) N/A
3. Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	☒ N/A	
Other _____		

Is Staining Present Yes ☒ No ☐

Color Yellowish brown (10YR 5/6)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
☐ Organic ☐ Petroleum ☐ Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☒ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NONE

11/23/13

Location ID: DG 676	Subarea: 5A	Date Started: Friday 11/22/13 1318	Date Completed: 11/22/13
Client: DOE		Project Name/#: Santa Susana Field Lab/99489	
Company Name: CDM SMITH		Drill Contractor/Driller: SAFS	
GPS collected? ☒ Yes or No		Drill Method: DPT	
Radiological Background: 12/86		Borehole diameter: 2.25"	
PID Background: 0.0		Depth to GW: NA	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		PG Review & No: Null Hoffman #7735	
		Sampling Method: DPT	
		Geologist: C. Cox	

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		3.1/	0.0	12/113	SL-676- SASA-SB 0.0-0.5	1318	B30	SILTY SAND: Brown (7.5YR 5/3); 60% sand, pg, 40% silt, low plasticity; t igneous clasts; dry, no odor. (FILL)
2		4.0	0.0	12/166				SILTY SAND: Brown (7.5YR 5/3); 75% sand, pg, f-m, mostly f; 25% silt, low plasticity; t sand formation; t red brick at 3.5' - 4.5' interval; dry, no odor. (FILL)
3			0.0	12/178				
4			0.0	12/172	SL-676- SASA-SB 4.0-4.5	1342		
5		4.0	0.0	13/159				SAND WITH SILT: strong brown (7.5YR 5/3); 85% sand, pg, f-m, mostly f; 15% silt, nonplastic; t micaceous material; moist at 7.5'; no odor.
6			0.0	13/142				
7			0.0	13/172				
8			0.0	13/160				
9		3.8/4.0	0.0	13/190				SILTY SAND: Strong brown (7.5YR 5/6); 65% sand, pg, f-m, mostly f; 35% silt, low plasticity; weathered coloring; moist, no odor.

CDM Smith	BORING LOG AND SAMPLING RECORD	Page 1 of <u>2</u>
ABBREVIATIONS:		
amt: amount	gr: grained	pg: poorly graded
c: coarse	lt: light	rnd: rounded
dk: dark	m: medium	sa: subangular
f: fine	mod: moderate	sr: subrounded
		t: trace
		nr: no recovery
		v: very
		wg: well graded
		φ: diameter
		bgs: below ground surface

Location ID: DG-676		Subarea: SA		Date Started: 11/22/13		Date Completed: 11/27/13	
Project: SSFL				Geologist: C. Cox		Total Depth: 11.5	

Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiologica I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
10		0.0	13/72				^{SM 714} SILTY SAND WITH CLAY. Strong brown (7.5YR 5/8); 55% sand, pg, f; 40% silt, low plasticity; 5% clay, hard; weathered handed color. dry, no odor.
11		0.0	^{cen 12/13} 13/72				
12		0.0	13/72				^{cen 12/43} Refusal at SS formation @ 11.5

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-676-SA5A-SB-0.0-0.5 Date/Time 11/22/2013 1330

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. Vivian

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	-
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 X
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes ☒ No

Color Brown (7.5YR2/3)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature _____

PG Registration # _____

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

11/20/2013 R. Hardenburger

Sample ID

SL-676-SASA-SB-

*5.0
4.0-4.5
conf*

Date/Time

11/22/2013 1342

Matrix (circle one)

Soil

Sediment

Water

Start Depth

4.0

End Depth

5.0

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

C. Cox

Sampler

A. Vivian

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	<i>X</i>
	EPA 6020	<i>X</i>
	EPA 7471 (Soil)	<i>X</i>
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	<i>X</i>
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	<i>X</i>
PCBs/PCTs	EPA 8082	<i>X</i>
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	<i>X</i>
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 6% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS formation, red brick

Is Staining Present Yes No

Color Brown (7.5YR 5/2)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature

PG Registration #

Additional Comments None

Location ID: DR 12-3-13
DG SK-679

Subarea: 5A Date Started: 12-2-13 Date Completed: 12-2-13

Client: DOE Project Name/ #: Santa Susana Field Lab/99489 Total Depth: 1st HA = 0.6
 2nd HA = 0.5

Company Name: CDM SMITH Drill Contractor/Driller: NA

GPS collected? (Yes or No) Yes Drill Method: Slidehammer / HA Depth Drilled into Bedrock: NA

Radiological Background: X=14 α=79 Borehole diameter: 3.25

PID Background: 0.0 Depth to GW: NA Sampling Method: Slidehammer

Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake PG Review & No. Null Geologist: David Rojas

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0-0.5		0.5/0.5 0.1/0.1	0.0 0.0	14/76 14/96	SL-679 SA5A-SB 0.0-0.5	1320	SM	SILTY SAND, bm (10YR 4/3) mottled w/ yel bm (10YR 5/4) fgm, pg, sr to sa, quartz, chpy; 85% sd 15% silt few to some org (roots) th and siltstone gravel, F-m sized sa to angular, mod poorly cemented, tabular; trant sandstone gravel sa, mod well to well cemented @ 0.5-0.6 Refusal @ 0.6

CDM Smith BORING LOG AND SAMPLING RECORD Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Location ID:		Subarea:		Date Started:		Date Completed:	
Project: SSFL				Geologist:		Total Depth:	
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiologica I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page__ of __

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-679-SA5A-SB-0.0-0.5 Date/Time 12-2-13 / 1320

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)

DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Ryan Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630
	Total Nitrogen	ASTM D5373
	TOC	ASTM D5310
	Grain Size	ASTM 2488-09a

2 SS sleeves & 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
	SP-SC		Poorly graded SAND with clay		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents
HIGHLY ORGANIC SOILS					

Fill Material

1. Is Fill Material Present Yes ☐ No ☒

2. Percentage Fill (%) 0

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☐ No ☒

Color brown (10YR 4/3)

Odor

1. Odor Strength (circle one)
☒ None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature Vicki Hoffman

PG Registration # 7735

Additional Comments NA

Location ID: DG-686		Subarea: SA		Date Started: FRIDAY 11/22/13 1415		Date Completed: 11/22/13	
Client: DOE				Project Name/#: Santa Susana Field Lab/99489			
Company Name: CDM SMITH				Drill Contractor/Driller: SAPS		Total Depth: 2.5', 2.5', 2.5'	
GPS collected? ☒ Yes ☐ No				Drill Method: DPT		Depth Drilled into Bedrock: NA	
Radiological Background: 13/88				Borehole diameter: 2.25"			
PID Background: 0.0				Depth to GW: NA		Sampling Method: DPT	
Radiological Equipment Used:				PG Review & No. Multi from #7735		Geologist: C. Cox	
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1			0.0	13/107	SL-686-SASA-SB-0.0-0.5MS	1435		SILTY SAND: Brown (7.5YR 4/4); 70% sand, p, f-m; 30% silt, low plasticity; ligneous clasts, t red brick at 2.0-2.5' interval; dry, no odor; color change to light brown (7.5YR 6/4) at 2.0-2.5' interval (FLL)
			0.0	5/66				
			0.0	5/96	SL-986-SASA-SB-0.0-0.5	1440	SM	
2								
3			0.0	5/90				Refusal at SS formation @ 2.5', 2.5', 2.5'

**CDM
Smith**

BORING LOG AND SAMPLING RECORD

Page 1 of **1**

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
l: line	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

[illegible]

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. VIVIAN

Sample ID SL-686-SASA-SB-0.0-0.5 MS Date/Time 11/22/2013 1435

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. Vivian

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	X
Pesticides	EPA 8081	X

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
		GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SP	Poorly graded SAND
				SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
			SAND WITH ≥ 15% FINES		SM
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other red brick

Is Staining Present Yes No

Color Brown (7.5YR 4/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature _____

PG Registration # _____

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By A. VIVIAN

Sample ID SL-⁹⁸⁶686-SASA-SB-0.0-0.5 Date/Time 11/22/2013 1440
11/22/13

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
 N ☐ ☒ FD ☐ FB ☐ RB

Parent Sample ID SL-686-SASA-SB-0.0-0.5 MS

Field Geologist C. Cox

Sampler A. Vivian

Analysis

	Parameters	Method	Analyze?
Metals		EPA 6010	X
		EPA 6020	X
		EPA 7471 (Soil)	X
		EPA 7470 (Water)	
Fluoride		EPA 300.0/9056	
SVOCs		EPA 8270	
TIC		EPA 8270	
PAHs		EPA 8270 SIM	X
1,4 Dioxane		EPA 8270 SIM	
Dioxins		EPA 1613	X
PCBs/PCTs		EPA 8082	X
Perchlorate		EPA 314.0/331	
Perchlorate Confirmation		EPA 6850/6860	
pH		EPA 9045 (Soil)	X
		EPA 9040 (Water)	
Hexavalent Chromium		EPA 7196/7199	
Herbicides		EPA 8151	X
Pesticides		EPA 8081	X

	Parameters	Method	Analyze?
Encores	VOCs	EPA 8260	
	1,4 Dioxane	EPA 8260 SIM	
	TPH-GRO	EPA 8015	
	TPH-EFH	EPA 8015	X
Sediment	Glycols	EPA 8015	
	Alcohols	EPA 8015	
	Terphenyls	EPA 8015	
	Nitrates	EPA 300.0/9056	
	Energetics	EPA 8330	
	Cyanide	EPA 9012	
	Formaldehyde	EPA 8315	
	NDMA	EPA 1625	
	Organotin	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630	

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL
			GC	Clayey GRAVEL	
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
SAND WITH $\geq 15\%$ FINES			SP-SM	Poorly graded SAND with silt	
		SP-SC	Poorly graded SAND with clay		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SM	Silty SAND
				SC	Clayey SAND
	LIQUID LIMIT GREATER THAN 50		ML	Inorganic SILT with low plasticity	
			CL	Lean inorganic CLAY with low plasticity	
			OL	Organic SILT with low plasticity	
			MH	Elastic inorganic SILT with moderate to high plasticity	
			CH	Fat inorganic CLAY with moderate to high plasticity	
			OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No
2. Percentage Fill (%) 100
3. Fill Description (circle all that apply)
- | | | |
|-----------------------------------|-------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| <u>Igneous/Metamorphic Gravel</u> | N/A | |
| <u>Other Red brick</u> | | |

Is Staining Present

Yes ☒ No ☐ Brown (7.5 YR 4/4)

Color

Odor

1. Odor Strength (circle one)
- ☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A

Other

Moisture Condition (circle one)

☒ Dry

Moist

Wet

PG Signature

PG Registration #

Additional Comments

None

Location ID: DG-696		Subarea: SA		Date Started: MONDAY 11/18/13 0845		Date Completed: 11/18/13	
Client: DOE				Project Name/ #: Santa Susana Field Lab/99489			
Company Name: CDM SMITH				Drill Contractor/Driller: SAFS			
GPS collected? ☒ Yes ☐ No				Drill Method: DDF 11/18/13 DPT			
Radiological Background: 13/103				Borehole diameter: 2.25"			
PID Background: 0.0				Depth to GW: NA			
Radiological Equipment Used:				Sampling Method: DPT			
☒ MicroR ☒ Alpha/Beta ☐ Pancake				PG Review & No. Walter Hoffman #7735 Geologist: C. Cox			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1			0.0	13/87	SL-696-SASA-SB-0.0-0.5	0856	SM	SILTY SAND: olive brown (2.5 y 4/3), 60% sand, pg, f; 35% silt, low plasticity; 5% clay; soft; t organics (roots, burnt twigs) at 1.9', t igneous clasts; t ^{11/18/13} dry, no odor (Fill)
2		3.7	0.0	13/54				
		4.0						
3			0.0	13/66				
			0.0	13/48				SILTY SAND: dark yellowish brown (10 y 2 4/6), 75% sand, pg, f-m, mostly f; 20% silt, non plastic; 5% clay, firm; t red brick; t igneous clasts; t ss formation, dry, no odor (Fill)
4		2.7	0.0	13/54	SL-696-SASA-SB-4.0-5.0	0905	SP	SAND: Pale brown (2.5 y 7/4), 95% sand, pg, f-m, mostly m; 5% silt, non plastic; t igneous clasts, t micaceous material; weathered color banding, dry, no odor, (Fill)
5		4.0	0.0	13/78				Refusal at Sandstone, 4.9', 5.0', 4.5'

CDM Smith		BORING LOG AND SAMPLING RECORD		Page 1 of 1	
ABBREVIATIONS:					
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery	
c: coarse	lt: light	rnd: rounded	v: very		
dk: dark	m: medium	sa: subangular	wg: well graded		
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface	

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-696-SASA-SB-0.0-0.5 Date/Time 11/18/2013 0856

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. U. I. I. A. N.

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

1 40Z JAR
 2 SLBBLFZ

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes ☐ No ☒

Color OLIVE BROWN (2.5 Y 4/3) 14/18/2013

Odor _____

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NONE

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-696-SASA-SB-4.0-5.0

Date/Time 11/18/2013 0905

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 4.0

End Depth 5.0

Depth Units (circle one)

Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler AcVIVIA

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

3 Bx1000s
2 16 oz SACS

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * <u>5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 16% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * <u>5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
			SP-SM	Poorly graded SAND with silt	
			SP-SC	Poorly graded SAND with clay	
SAND WITH ≥ 15% FINES		SM	Silty SAND		
		SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS THAN 50</u>		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT <u>GREATER THAN 50</u>		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes ☐ No ☒

Color

PALE BROWN (2.5Y 7/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A

Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature

[Signature]

PG Registration #

7735

Additional Comments

None

Location ID: DG-708	Subarea: 5A	Date Started: TUESDAY 11/19/13 1350	Date Completed: 11/19/13
Client: DOE		Project Name/ID: Santa Susana Field Lab/99489	
Company Name: CDM SMITH		Drill Contractor/Driller: SAPS	
GPS collected? Yes or No		Drill Method: DPT	
Radiological Background: 14/80		Borehole diameter: 2.25"	
PID Background: 0.0		Depth to GW: NA	
Radiological Equipment Used:		PG Review & No. NA	
☒ MicroR ☒ Alpha/Beta ☒ Pancake		Miller # 7735	
		Sampling Method: DPT	
		Geologist: C. Cox	

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1			0.0	14/80	SL-708-SASA-SB-0.0-0.5m	1415	SM	SILTY SAND: Brown (10YR 4/3); 85% sand, pg, f-m; 15% silt, low plasticity; t (fine roots) organics; t ss formation, t igneous clasts, t plastic clast (7mm x 5mm x 1.5mm) at 0.8'; dry, no odor (fill)
2		3.1/4.0	0.0	13/72	SL-100B-SASA-SB-0.0-0.5	1410	SM	SILTY SAND: strong brown (10YR 4/6); 60% sand, pg, f; 35% silt, low plasticity; 5% clay, fm; weathered coloring, dry, no odor.
3			0.0	13/66			SM	SILTY SAND: yellowish brown (10YR 5/6); 70% sand, pg, f; 30% silt, low plasticity, dry, no odor.
4			0.0	13/84	SL-708-SASA-SB-4.0-5.0	1424	SM	SILTY SAND: light yellowish brown (10YR 6/4); 70% sand, pg, f-m, mostly s, m; 30% silt, low plasticity; dry, no odor
5		3.8/4.0	0.0	13/84			SM	
6			0.0	13/72				
7			0.0	13/60				
8							SP	SAND: very pale brown (10YR 7/4); 95% sand, pg, f-m, mostly f; 5% silt, non-plastic; dry, no odor
9		3.9/4.0					SP	SAND: very pale brown (10YR 7/3); 95% sand, pg, f-m, mostly f; 5% silt, non-plastic; weak cementation, dry, no odor

Refract 9.8', 9.3' at ss formation

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

[illegible]

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-708-SASA-SB-0.0-0.5 Date/Time 11/19/2013 1415

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ IN ☒ FB ☐ RB

11/19/13

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. UJIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	☒

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

6, 4 oz JARS

6 SLURRIES

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 10% FINEG		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Ignéous/Metamorphic Gravel N/A

Other SS formation

Is Staining Present Yes No

Color Brown (10YR4/3)

Odor

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Nick Hoffman

PG Registration # 2735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-1008-SASA-SB-0.0-0.5 Date/Time 11/19/2013 1410

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐



Collection Method (circle one)

Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment ☐

QC Type (circle one)



FB

RB

Parent Sample ID SL-709-SASA-SB-0.0-0.5 MS

Field Geologist C. Cox

Sampler A. UJUSAY

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	☒

Parameters	Method	Analyze?
VOCs	EPA 8260	
1,4 Dioxane	EPA 8260 SIM	
TPH-GRO	EPA 8015	
TPH-EFH	EPA 8015	☒
Glycols	EPA 8015	
Alcohols	EPA 8015	
Terphenyls	EPA 8015	
Nitrates	EPA 300.0/9056	
Energetics	EPA 8330	
Cyanide	EPA 9012	
Formaldehyde	EPA 8315	
NDMA	EPA 1625	
Sediment	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630

2, 4 02 OAKS

2, SLB 1/13

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY			SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
			CL	Lean inorganic CLAY with low plasticity	
			OL	Organic SILT with low plasticity	
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
	CH		Fat inorganic CLAY with moderate to high plasticity		
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present (Yes) No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other 8.5 formation

Is Staining Present Yes No

Color Brown (ayr 4/13)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

C. Cox

Sample ID SL-708-SASA-SB-4.0-5.0

Date/Time 11/19/2013 1424

Matrix (circle one)

Soil

Sediment

Water

Start Depth 4.0

End Depth 5.0

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

QPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

C. Cox

Sampler

A. VIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	X

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2, 1602 OAS

2 BACULAS

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
			CH	Fat inorganic CLAY with moderate to high plasticity	
	OH		Organic SILT or CLAY with moderate to high plasticity		
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☒
2. Percentage Fill (%) N/A
3. Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	☒ N/A	
Other _____		

Is Staining Present Yes ☒ No ☒
 Color yellowish brown (10 YR 5/6)

- Odor
1. Odor Strength (circle one)

☒ None
☐ Slight
☐ Strong
 2. Odor Description (circle one)

Organic
Petroleum
Chemical

☒ N/A
Other _____

Moisture Condition (circle one)

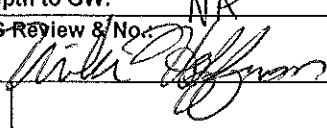
☒ Dry
☐ Moist
☐ Wet

PG Signature Nike [Signature]

PG Registration # 7735

Additional Comments None

[Signature]

Location ID: DG-709		Subarea: 5A		Date Started: MONDAY 11/18/13 0955		Date Completed: 11/18/13	
Client: DOE				Project Name/#: Santa Susana Field Laboratory/94489			
Company Name: CDM SMITH				Drill Contractor/Driller: SAFS		Total Depth: 9.0, 9.3, 8.9	
GPS collected? Yes or No				Drill Method: DPT		Depth Drilled into Bedrock: NK	
Radiological Background: 103 14/98				Borehole diameter: 2.25"		Sampling Method: DPT	
PID Background: 0.0				Depth to GW: NA		Geologist: C. Cox	
Radiological Equipment Used:				PG Review & No.			
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1			0.0	14/75	SL-709-SASA-SB-0.0-0.5	6/11/98 1010	SM	SILTY SAND: light olive brown (2.5 y 5/4), 85% sand, pg, f-m, mostly f; 20% silt, non plastic; 5% gravel (ss formation), sa-sr, f, max φ = 0.5", weak cementation; t roots at 2.2'; No odor, dry (Fill)
2			0.0	14/60				
3		3.3/4.0	0.0	14/54			SM	SILTY SAND: reddish brown (5YR 4/4), 60% sand, pg, f-m, mostly f; 35% silt, low plasticity; 5% clay, firm; no odor; t ss formation, t ligneous clasts, dry, no odor (Fill)
4			0.0	14/89	SL-709-SASA-SB-4.0-5.0 MS	1015		
5			0.0	14/60	SL-709-SASA-SB-4.0-5.0 MS	1020	SM	SILTY SAND: reddish brown (5YR 4/4), 65% sand, pg, f-m, mostly m; 30% silt, low plasticity; 5% clay, firm; t ligneous clasts; dry, no odor (Fill)
6		3.9/4.0	0.0	14/78				
7			0.0	14/78			SP-SM	SAND WITH SILT: pale brown (2.5 y 7/4), 40% sand, pg, f-m, mostly f; 10% silt, non-plastic; weathered coloring, dry, no odor.
8			0.0	14/72	SL-709-SASA-SB-8.0-9.0	1025	SP	SAND: light yellowish brown (2.5 y 4/3), 95% sand, pg, f-m, mostly m; 5% silt, non-plastic, dry, no odor
9		2.0/4.0	0.0	15/72				Refusal at ss bedrock @ 9.0, 9.3, 8.9

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace
c: coarse	lt: light	rnd: rounded	v: very
dk: dark	m: medium	sa: subangular	wg: well graded
t: fine	mod: moderate	sr: subrounded	φ: diameter

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

C. Cox

Sample ID

SL-709-SASA-SB-0.0-0.5

Date/Time

11/18/2013 1010

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DRT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

C. Cox

Sampler

A. VUJIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Endores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

1 402 JAK

2 SLRUVS

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL	
				GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
			GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL	
			GC	Clayey GRAVEL		
		SAND WITH * 5% FINES		SW	Well-graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SP	Poorly graded SAND	
			SW-SM	Well-graded SAND with silt		
			SW-SC	Well-graded SAND with clay		
	SP-SM		Poorly graded SAND with silt			
	SP-SC	Poorly graded SAND with clay				
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH ≥ 15% FINES		SM	Silty SAND	
			SC	Clayey SAND		
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
				MH	Elastic inorganic SILT with moderate to high plasticity	
	LIQUID LIMIT GREATER THAN 50		CH	Fat inorganic CLAY with moderate to high plasticity		
			OH	Organic SILT or CLAY with moderate to high plasticity		
		HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No
2. Percentage Fill (%) 100%
3. Fill Description (circle all that apply)
- Asphalt Metal Plastic
- Concrete Wood Glass
- Igneous/Metamorphic Gravel N/A
- Other SS formation

Is Staining Present

Yes ☐ No ☒

Color

light olive brown (2.5Y 5/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A

Other

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature

[Signature]

PG Registration #

7735

Additional Comments

None

CCU/18/13

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

C. Cox

Sample ID SL-209-SASA-SB-4.0-5.0MS

Date/Time 11/18/2013 1015

Matrix (circle one)

Soil

Sediment

Water

Start Depth 4.0

End Depth 5.0

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

C. COX

Sampler

A. U. U. FAY

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

6 1607 JARS

6 ENCORES

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SP	Poorly graded SAND
				SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
			SP-SC	Poorly graded SAND with clay	
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present Yes No
- Percentage Fill (%) 100%
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
<u>Igneous/Metamorphic Gravel</u> N/A		
Other _____		

Is Staining Present Yes No

Color Reddish brown (5YR 4/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
☐ Organic ☐ Petroleum ☐ Chemical
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments None

ECH/18/13

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-1009-SASA-SB-4.0-5.0 Date/Time 11/18/2013 1020

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 4.0

End Depth 5.0

Depth Units (circle one)

Inches ☐ Feet ☒

Check If Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ FD ☐ FB ☐ RB

Parent Sample ID SL-709-SASA-SB-4.0-5.0 ms

Field Geologist C. COX

Sampler A. JIVIAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 16 07 JMS

2 ENCORES

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
SAND WITH ≥ 15% FINES		SP-SC	Poorly graded SAND with clay		
		SM	Silty SAND		
		SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present ☒ Yes ☐ No
- Percentage Fill (%) 100%
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel		N/A
Other _____		

Is Staining Present Yes ☐ No ☒

Color reddish brown (5YR 4/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
 Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Nick Hoffman

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-709-SASA-SB-8.0-9.0

Date/Time 11/18/2013 1025

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 8.0

End Depth 9.0

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)

☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID WA

Field Geologist C. COX

Sampler A. VILLAN

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 160Z OMS

2 EN CORES

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
SAND WITH ≥ 15% FINES			SP-SM	Poorly graded SAND with silt	
			SP-SC	Poorly graded SAND with clay	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY			SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
	LIQUID LIMIT GREATER THAN 50		OL	Organic SILT with low plasticity	
			MH	Elastic inorganic SILT with moderate to high plasticity	
			CH	Fat inorganic CLAY with moderate to high plasticity	
			OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present Yes ☒ No ☐
- Percentage Fill (%) NA
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	☒ N/A	
Other _____		

Is Staining Present Yes ☒ No ☐
 Color light yellowish brown (2.5Y 6/3)

- Odor
- Odor Strength (circle one)

☒ None	Slight	Strong
---------------------------------------	--------	--------
 - Odor Description (circle one)

Organic	Petroleum	Chemical
☒ N/A	Other _____	

- Moisture Condition (circle one)
- | | | |
|--------------------------------------|-------|-----|
| ☒ Dry | Moist | Wet |
|--------------------------------------|-------|-----|

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

Location ID: DG-710		Subarea: SA		Date Started: Monday 11/18/13 1230		Date Completed: 11/18/13	
Client: DOE		Project Name/ #: Santa Susana Field Laboratory/94489				Total Depth: 1.2, 1.3, 1.5	
Company Name: CDM SMITH				Drill Contractor/Driller: SAFS		Depth Drilled into Bedrock: NA	
GPS collected? Yes or No				Drill Method: DPT		Sampling Method: DPT	
Radiological Background: 12/99				Borehole diameter: 2.25"		Geologist: C. Cox	
PID Background: 0.0				Depth to GW: NA			
Radiological Equipment Used:				PG Review & Notes: <i>[Signature]</i> #7735			
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		1.2/4.0	0.0 0.0 0.0 0.0	12/78 12/78 12/78 12/78	SL-710-SASA-SB 0.0-0.5	1250	SM	SILTY SAND : light olive brown (2.54 5/3) 70% Sand, F-m, mostly fine; sand 18/13 25% silt, low plasticity; 5% gravel, f, sa-sr, max $\phi = 0.75"$, (gravel is igneous and ss formation); soft, dry, no odor (fill) <i>Kent/11/13</i>
2								
3								Refusal at Sandstone bedrock @ 1.2', 1.3', 1.5'
4								

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:			
amt: amount	gr: grained	pg: poorly graded	t: trace
c: coarse	lt: light	rnd: rounded	v: very
dk: dark	m: medium	sa: subangular	wg: well graded
ft: fine	mod: moderate	sr: subrounded	ϕ : diameter

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

C. Cox

Sample ID SL-710-SASA-SB-0.0-0.5

Date/Time 1/18/2013 1250

Matrix (circle one)

Soil

Sediment

Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist C. Cox

Sampler

A. VITTA

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME		
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL		
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL		
				GW-GM	Well-graded GRAVEL with silt		
				GW-GC	Well-graded GRAVEL with clay		
				GP-GM	Poorly graded GRAVEL with silt		
			GP-GC	Poorly graded GRAVEL with clay			
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL		
		SAND WITH * 5% FINES		GC	Clayey GRAVEL		
				SW	Well-graded SAND		
				SP	Poorly graded SAND		
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
					SW-SC	Well-graded SAND with clay	
					SP-SM	Poorly graded SAND with silt	
				SP-SC	Poorly graded SAND with clay		
SAND WITH ≥ 15% FINES		SM	Silty SAND				
		SC	Clayey SAND				
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity		
				CL	Lean inorganic CLAY with low plasticity		
				OL	Organic SILT with low plasticity		
				MH	Elastic inorganic SILT with moderate to high plasticity		
		LIQUID LIMIT GREATER THAN 50		CH	Fat inorganic CLAY with moderate to high plasticity		
				OH	Organic SILT or CLAY with moderate to high plasticity		
			HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS formation

Is Staining Present Yes No

Color light olive brown (2.5Y5/3)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

Location ID: DG-713		Subarea: 5A		Date Started: TUESDAY 11/26/13 0840		Date Completed: 11/26/13	
Client: DOE				Project Name/ #: Santa Susana Field Lab/99489		Total Depth: 4.1, 3.5, 3.5	
Company Name: CDM SMITH				Drill Contractor/Driller: SAFS		Depth Drilled Into Bedrock: NA	
GPS collected? ☒ Yes or No				Drill Method: DPT		Sampling Method: DPT	
Radiological Background: 14/90				Borehole diameter: 2-2.5"		Geologist: C. Cox	
PID Background: 0.0				Depth to GW: NA			
Radiological Equipment Used:				PG Review & No: Mick Hoffman #7735			
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		0.0	14/82	SL-713-SASA-SB-0.0-0.5	0845	SM	SILTY SAND: yellowish brown (10YR 5/8); 65% sand, pg, f-m, 30% silt, low plasticity; 5% clay; dry, no odor, t igneous clasts; (fill)
2	3.2	0.0	14/66			SM	SILTY SAND: Brownish yellow (10YR 4/6), 80% sand, pg, f-m, mostly m; 20% silt, low plasticity; t igneous clasts, t ss formation, dry, no odor (fill)
3		0.0	14/54	SL-713-SASA-SB-2.5-3.5	0900	SP-SM	SANDS WITH SILT: very pale brown (10YR 7/4); 90% sand, pg, f; 10% silt, non plastic; weathered coloring, dry, no odor, (weathered ss formation?) weak cementation.
4	0.1 / 4.0	0.0	14/66				Refusal at ss formation @ 4.1, 3.5, 3.5'
5							

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:				
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-713-SA5A-SB-0.0-0.5 Date/Time 11/26/13 0845

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler R. Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL	
				GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
			GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL	
		SAND WITH * 5% FINES		GC	Clayey GRAVEL	
			SAND WITH * 5% FINES		SW	Well-graded SAND
					SP	Poorly graded SAND
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
					SW-SC	Well-graded SAND with clay
					SP-SM	Poorly graded SAND with silt
					SP-SC	Poorly graded SAND with clay
SAND WITH ≥ 15% FINES			SM	Silty SAND		
		SC	Clayey SAND			
	FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
					CL	Lean inorganic CLAY with low plasticity
					OL	Organic SILT with low plasticity
			LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity	
				OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes No

Color yellowishbrown (10YR 5/8)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID DG-713-SA5A-SB-2.5-3.5 Date/Time 11/26/13 0900

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 2.5

End Depth 3.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler R. Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Endores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH <u>≥ 10% FINES</u>		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH <u>≥ 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH <u>≥ 15% FINES</u>		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS THAN 50</u>		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT <u>GREATER THAN 50</u>		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) NA

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color Very pale brown (10yr 7/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

Location ID: DG-715		Subarea: 5A		Date Started: MONDAY 11/25/13 0950		Date Completed: 11/25/13	
Client: DOE				Project Name/#: Santa Susana Field Lab/99489			
Company Name: CDM SMITH				Drill Contractor/Driller: NA			
GPS collected? (Yes) or No				Drill Method: Slidehammer/handauger			
Radiological Background: 14/99				Borehole diameter: 2.25"			
PID Background: 0.0				Depth to GW: NA			
Radiological Equipment Used:				PG Review & No.:			
☒ MicroR ☒ Alpha/Beta ☒ Pancake				Miller Hoffman #7735			
				Sampling Method: Handauger/slidehammer			
				Geologist: C. Cox			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		0.0	14/93	SL-715-SASA-SB-0.0-0.5MS	1010	SM	SILTY SAND: Dark yellowish brown (10YR 4/4); 75% sand, pg, f-m, mostly f; 20% silt, low plasticity; 5% gravel (SS formation); f-c, max $\phi = 1.25"$; dry, no odor (fill)	
2		0.0	14/78	SL-1015-SASA-SB-0.0-0.5	1002	SM	SILTY SAND: yellowish brown (10YR 5/8); 65% sand, pg, f-m, mostly f; 30% silt, low plasticity; 5% clay; tigneous clasts; t ss formation; dry, no odor (fill)	
3		0.0	14/72					
4		0.0	14/46			SM	SILTY SAND: Brownish yellow (10YR 6/6); 80% sand, pg, f-m, mostly f; 20% silt, low plasticity; t ss formation; dry, no odor (fill)	
5		0.0	14/18					
6		0.0	14/96			SM	SILTY SAND: Brownish yellow (10YR 6/6); 85% sand, pg, f-m, mostly f; 15% silt, low plasticity; dry, no odor	
7		0.0	14/72			SP-SM	SAND WITH SILT: very pale brown (10YR 7/4); 90% sand, pg, f-m, mostly f; 10% silt, low plasticity, dry, no odor	
8		0.0	14/40					
		0.0	14/102	SL-715-SASA-SB-6.0-7.0	1150		Refusal at SS formation @ 6.8' and 2.5'	

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	ϕ : diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-715-SASA-SB-0.0-0.5MS Date/Time 11/25/13 1010

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
 DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment
11/25/13

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler R. Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	☒
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	☒
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
			SAND WITH $\leq 5\%$ FINES		SW
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SM	Silty SAND
				SC	Clayey SAND
			LIQUID LIMIT GREATER THAN 50		ML
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
			MH	Elastic inorganic SILT with moderate to high plasticity	
	CH	Fat inorganic CLAY with moderate to high plasticity			
	OH	Organic SILT or CLAY with moderate to high plasticity			
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS formation

Is Staining Present Yes No

Color Dark yellowish brown (10yr 4/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Nick Hoffman

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-1015-SASA-SB-0.0-0.5 Date/Time 11/25/13 1002

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)

DPT ☐ ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

N ☐ ☒ FD ☐ FB ☐ RB

Parent Sample ID SL-715-SASA-SB-0.0-0.5MS

Field Geologist C. Cox

Sampler R. Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	X
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	X
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL	
				GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
			GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
			SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND	
SAND WITH BETWEEN 5% AND 15% FINES			SW-SM	Well-graded SAND with silt		
			SW-SC	Well-graded SAND with clay		
	SAND WITH $\geq 15\%$ FINES		SP-SM	Poorly graded SAND with silt		
			SP-SC	Poorly graded SAND with clay		
	FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SM	Silty SAND
					SC	Clayey SAND
LIQUID LIMIT GREATER THAN 50					ML	Inorganic SILT with low plasticity
					CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity	
				MH	Elastic inorganic SILT with moderate to high plasticity	
			CH	Fat inorganic CLAY with moderate to high plasticity		
			CH	Organic SILT or CLAY with moderate to high plasticity		
HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents		

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS formation

Is Staining Present Yes No

Color Dark yellowish brown (10YR 4/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Vicki Hoffman

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-TIS-SASA-SB-6.0-7.0 Date/Time 11/25/13 1150

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 6.0

End Depth 7.0

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☐ DPT ☐ Slide Hammer ☒ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler R. Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☒
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☒
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encore	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) NA

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes No

Color Very pale brown (10YR 7/4)

Odor _____

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A

Other _____

Moisture Condition (circle one)

Dry

Moist

Wet

PG Signature Mike Offman

PG Registration # 7735

Additional Comments None

Location ID: DG-719		Subarea: 5A		Date Started: TUESDAY 11/26/13 0932		Date Completed: 11/26/13	
Client: DOE				Project Name/ #: Santa Susana Field Lab/99489		Total Depth: 1.0' 1.1'	
Company Name: CDM SMITH				Drill Contractor/Driller: SABS		Depth Drilled into Bedrock: NA	
GPS collected? Yes or No				Drill Method: DPT		Sampling Method: DPT	
Radiological Background: 14/99				Borehole diameter: 2.25"		Geologist: C. Cox	
PID Background: 0.0				Depth to GW: NA			
Radiological Equipment Used:				PG Review & Notes: <i>Multi-Element #7735</i>			
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1			0.0	14/91	SL-719-24/2483	0940	SP	SILTY SAND: brownish yellow (10yr 6/6), 85% sand, pg, f-m; 15% silt, non plastic; t gravel (ss formation and igneous), f-c, sa-sr, max φ .1.25"; t igneous clasts, t organics (twig) at 0.6'; dry, no odor (fill)
2			0.0	14/66	SA SA-SB-0.0-0.5		SP	SAND: light yellowish brown (10yr 6/4); 95% sand, pg, f-m, mostly m; 5% silt, non plastic; dry, no odor, weathered coloring (weathered ss?)
3								Refusal at SS Formation @ 1.0', 1.1'
4								

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-719-SASA-SB-0.0-0.5 Date/Time 11/26/13 0940

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler R. Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Incores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>< 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH <u>≥ 15% FINES</u>		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH <u>< 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH <u>≥ 15% FINES</u>		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS Formation

Is Staining Present Yes No

Color Brownish yellow (10YR 6/6)

Odor

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Vicki E. [Signature]

PG Registration # 7735

Additional Comments None

Location ID: DG-720		Subarea: 5A		Date Started: TUESDAY 11/26/13 1002		Date Completed: 11/26/13	
Client: DOE				Project Name/ #: Santa Susana Field Lab/99489		Total Depth: 1.5' 1.8'	
Company Name: CDM SMITH				Drill Contractor/Driller: SAPS		Depth Drilled into Bedrock: NA	
GPS collected? ☒ Yes or No				Drill Method: DPT		Sampling Method: DPT	
Radiological Background: 14/102				Borehole diameter: 2.25"		Geologist: C. Cox	
PID Background: 0.0				Depth to GW: NA			
Radiological Equipment Used:				PG Review & No.:			
☒ MicroR ☒ Alpha/Beta ☒ Pancake				W. H. Hoffman #7735			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		1.8/4.0	0.0	14/102	SL-720-SASA-SB-0.0-0.5	1010	SM	SILTY SAND: Brownish yellow (10yR 6/6); 80% sand, pg, f-m, mostly f; 15% silt, low plasticity; 5% gravel (ss formation) f-c, sa-sr, max φ = 1.0"; t igneous clasts; t ss formation; t organics (twigs/roots) at 0.4"; dry, no odor (FW)
2			0.0	14/98			SP-SM	SAND WITH SILT: Brownish yellow (10yR 6/6); 90% sand, pg, f-m, mostly f; 10% silt, non plastic; t igneous clasts; t ss formation; t organics (roots/twigs); dry, no odor (FW)
3			0.0	14/72			SP	SAND: Brownish yellow (10yR 6/6); 95% sand, pg, f-m, mostly f; 5% silt, non plastic; dry, no odor (weathered ss?)
4			0.0	14/54				Refusal at SS Bedrock @ 1.5', 1.8'

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:					
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery	
c: coarse	lt: light	rnd: rounded	v: very		
dk: dark	m: medium	sa: subangular	wg: well graded		
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface	

Location ID:		Subarea:		Date Started:		Date Completed:	
Project: SSFL				Geologist:		Total Depth:	
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiologica l (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
Empty table body for data entry							

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-720-SA5A-SB-0.0-0.5 Date/Time 11/26/13 1010

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler R. Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
			GC	Clayey GRAVEL	
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
SAND WITH ≥ 15% FINES		SM	Silty SAND		
		SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS formation

Is Staining Present Yes No

Color Brownish yellow (10 yr 6/6)

Odor

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Mila Hoffman

PG Registration # 7735

Additional Comments None

Location ID:			Subarea:		Date Started:		Date Completed:	
Project: SSFL					Geologist:		Total Depth:	
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiologica I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials	

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID SL-722-SASA-SB-0.0-0.5 Date/Time 11/18/2015 1322

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler A. Urian

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Endore	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

1 4 02 JAK
2 SLR/VBS

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) 100
3. Fill Description (circle all that apply)
- Asphalt Metal Plastic
- Concrete Wood Glass
- Igneous/Metamorphic Gravel N/A
- Other SS Formation

Is Staining Present

Yes ☒ No ☐

Color

light olivebrown (2.5Y5/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Willa Hoffman

PG Registration # 7735

Additional Comments None

Location ID: DG-724		Subarea: 5A		Date Started: TUESDAY 11/26/13		Date Completed: 11/26/13 2.1', 2.1', 2.1'	
Client: DOE				Project Name/#: Santa Susana Field Lab/99489		Total Depth: 2.1', 2.1', 2.1'	
Company Name: CDM SMITH				Drill Contractor/Driller: SAFS		Depth Drilled into Bedrock: NA	
GPS collected? (Yes or No)				Drill Method: DPT		Sampling Method: DPT	
Radiological Background: 14/102				Borehole diameter: 2.25"		Geologist: C. Cox	
PID Background: 0.0				Depth to GW: NA			
Radiological Equipment Used:				PG Review & No.			
☒ MicroR ☒ Alpha/Beta ☒ Pancake				<i>Mick Hoffmann #7735</i>			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		1.7' / 2.1'	0.0	14/100	SL-724-SASA-SB-0.0-0.5	1040	SM	SILTY SAND: Brown (7.5YR 5/4); 85% sand, pg, f-m, mostly f; 15% silt, low plasticity; t gravel (igneous), f, sa-sr, max φ = 0.30"; dry, no odor (fwi)
2		0.0	0.0	14/96			SP-SM	SAND WITH SILT: Brown (7.5YR 4/4); 90% sand, pg, f; 10% silt, low plasticity; t micaceous material t ss formation; t (organics (roots), t gravel (ss formation), f, sa-sr, max φ = 0.3"; dry, no odor (fwi)
3			0.0	14/54			SP-SM	SAND WITH SILT: Brown (7.5YR 4/4); 90% sand, pg, f; 10% silt, low plasticity; t organics (fine roots); dry, no odor.
4								Refusal at 2.1', 2.1', 2.1' @ Bedrock ?

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-724-SA5A-SB-0.0-0.5 Date/Time 11/26/13 1040

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler R. Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
		SAND WITH ≥ 15% FINES		SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SM	Silty SAND
				SC	Clayey SAND
				ML	Inorganic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
HIGHLY ORGANIC SOILS				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No 11/26/13

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes No

Color Brown (7.5YR 5/4)

Odor

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Nick Bluffman

PG Registration # 7735

Additional Comments None

cent/2013

Location ID: DG-732		Subarea: 5A		Date Started: TUESDAY 11/19/13 1330		Date Completed: 11/19/13	
Client: DOE				Project Name/ #: Santa Susana Field Lab/99489			
Company Name: CDM SMITH				Drill Contractor/Driller: SAFS			
GPS collected: ☒ Yes ☐ No				Drill Method: DPT			
Radiological Background: 13/89				Borehole diameter: 2.25"			
PID Background: 0.0				Depth to GW: NA			
Radiological Equipment Used:				PG Review/8 No: Muller/Hoffman #7735			
☒ MicroR ☒ Alpha/Beta ☐ Pancake				Sampling Method: DPT			
				Geologist: C. Cox			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		1.7/4.0	0.0	15/94	SL-732-SASA-SB-0-0-0.5	1338	SM	SANDY SILT: strong brown (7.5YR 4/6); 80% sand, pg, f; 20% silt, low plasticity, + organics (fine roots); + igneous clasts, dry, no odor (FILL)
2			0.0	13/42			SP	SAND: reddish yellow (7.5YR 6/6); 95% sand, pg, f-m; 5% silt, non-plastic, dry, no odor (weathered formation?)
3				13/30				Refusal at ss bedrock @ 2.2', 2.2'
4				13/66				

**CDM
Smith**

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
lt: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

C. Cox

Sample ID

SL-732-SASA-SB-0.0-0.5

Date/Time

11/19/2013 1338

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

C. Cox

Sampler

A. V. J. F. A. S.

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
VOCs	EPA 8260	
1,4 Dioxane	EPA 8260 SIM	
TPH-GRO	EPA 8015	
TPH-EFH	EPA 8015	X
Glycols	EPA 8015	
Alcohols	EPA 8015	
Terphenyls	EPA 8015	
Nitrates	EPA 300.0/9056	
Energetics	EPA 8330	
Cyanide	EPA 9012	
Formaldehyde	EPA 8315	
NDMA	EPA 1625	
Sediment	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630

1,402 JAX
2 SCREENS

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH <u>≥ 10% FINE</u>		GM	Silty GRAVEL
			GC	Clayey GRAVEL	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH <u>≥ 15% FINES</u>		SM	Silty SAND
			SC	Clayey SAND	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS THAN 50</u>		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT <u>GREATER THAN 50</u>		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other N/A

Is Staining Present Yes No

Color Strong brown (7.5YR 4/6)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A

Other

Moisture Condition (circle one)

Dry

Moist

Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

Location ID: DG-735		Subarea: 5A		Date Started: MONDAY 11/18/13 1350		Date Completed: 11/18/13	
Client: DOE				Project Name/#: Santa Susana Field Laboratory/94489			
Company Name: CDM SMITH				Drill Contractor/Driller: SAFS			
GPS collected? Yes or No				Drill Method: DPT			
Radiological Background: 13/80				Borehole diameter: 2.25"			
PID Background: 0.0				Depth to GW: NA			
Radiological Equipment Used:				PG Review & No. Mike [Signature] #7735			
☒ MicroR ☒ Alpha/Beta ☒ Pancake				Sampling Method: DPT			
				Geologist: C. Cox			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1			0.0	12/84	SL-735-SASA-SB-0.0-0.5	1357	SM	SILTY SAND WITH GRAVEL: olive yellow (2.5Y 6/6), 70% Sand, pg, f; 20% silt, low plasticity; 10% gravel (igneous), ϕ sa-sr, max $\phi = 1.0"$, dry, no odor (Au)
2		37/40	0.0	14/66			SM	SILTY SAND WITH GRAVEL: Strong brown (7.5YR 5/6), 70% Sand, pg, f-m; 20% silt, no plasticity; 10% gravel (SS formation), ϕ sa-sr, flat, max $\phi = 1.0"$; t, igneous clasts; 0.25" ϕ twig, 1.75" long @ 1.3', dry, no odor (Au)
3			0.0	14/90	SL-735-SASA-SB-2.5-3.5	1400	SP-SM	SAND WITH SILT: Yellowish brown (10YR 5/6), 85% sand; 10% silt, non-plastic; 5% gravel (SS formation), ϕ sa-sr, max $\phi = 1"$, dry, no odor (Au)
4							SP-SM	SAND WITH SILT: olive yellow (2.5Y 6/6), 90% Sand, pg, f-m, mostly f; 10% silt non-plastic; t SS formation clasts; (Au) clasts dry, no odor (Au)
Refusal at SS Bedrock @ 3.4', 3.4', 3.4'								

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:			
amt: amount	gr: grained	pg: poorly graded	t: trace
c: coarse	lt: light	rnd: rounded	v: very
dk: dark	m: medium	sa: subangular	wg: well graded
f: fine	mod: moderate	sr: subrounded	ϕ : diameter

[illegible]

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

C. Cox

Sample ID

SL-735-SASA-SB-0.0-0.5

Date/Time

11/18/2013 1357

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

MA

Field Geologist

C. COX

Sampler

A. URSAN

Analysis

	Parameters	Method	Analyze?
	Metals	EPA 6010	X
		EPA 6020	X
		EPA 7471 (Soil)	X
		EPA 7470 (Water)	
	Fluoride	EPA 300.0/9056	
	SVOCs	EPA 8270	
	TIC	EPA 8270	
	PAHs	EPA 8270 SIM	X
	1,4 Dioxane	EPA 8270 SIM	
	Dioxins	EPA 1613	X
	PCBs/PCTs	EPA 8082	X
	Perchlorate	EPA 314.0/331	
	Perchlorate Confirmation	EPA 6850/6860	
	pH	EPA 9045 (Soil)	X
		EPA 9040 (Water)	
	Hexavalent Chromium	EPA 7196/7199	
	Herbicides	EPA 8151	
	Pesticides	EPA 8081	

	Parameters	Method	Analyze?
Encores	VOCs	EPA 8260	
	1,4 Dioxane	EPA 8260 SIM	
	TPH-GRO	EPA 8015	
	TPH-EFH	EPA 8015	X
Sediment	Glycols	EPA 8015	
	Alcohols	EPA 8015	
	Terphenyls	EPA 8015	
	Nitrates	EPA 300.0/9056	
	Energetics	EPA 8330	
	Cyanide	EPA 9012	
	Formaldehyde	EPA 8315	
	NDMA	EPA 1625	
	Organotin	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630	

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SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 6% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SANDSTONE CU/18/13

Is Staining Present Yes No

Color Yellowish brown (2.5Y 4/6)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Wade Hoffman

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

C. Cox

Sample ID

SL-735-SASA-SB-~~2.5-3.5~~
2.5-3.5

Date/Time

11/18/2013 1400

Matrix (circle one)

☒ Soil

☐ Sediment

☐ Water

Start Depth

2.5

End Depth

3.5

Depth Units (circle one)

☐ Inches

☒ Feet

Check if Composite ☐

Collection Method (circle one)

☒ DPT

☐ Slide Hammer

☐ Hand Auger/Slide Hammer

☐ Trenching

☐ Sediment

QC Type (circle one)

☒ N

☐ FD

☐ FB

☐ RB

Parent Sample ID

NA

Field Geologist

C. Cox

Sampler

A. V. F. U. M.

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

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SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
	SP-SM		Poorly graded SAND with silt			
	SP-SC		Poorly graded SAND with clay			
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY			SM	Silty SAND	
				SC	Clayey SAND	
			LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
					CL	Lean inorganic CLAY with low plasticity
		OL		Organic SILT with low plasticity		
		MH		Elastic inorganic SILT with moderate to high plasticity		
	LIQUID LIMIT GREATER THAN 50		CH	Fat inorganic CLAY with moderate to high plasticity		
			OH	Organic SILT or CLAY with moderate to high plasticity		
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS formation

Is Staining Present Yes ☒ No ☐

Color yellowish brown (10YR 5/6)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

Location ID: DG-236		Subarea: 5A		Date Started: MONDAY 11/18/13 1415		Date Completed: 11/18/13	
Client: DOE				Project Name/ #: Santa Susana Field Laboratory/94489			
Company Name: CDM SMITH				Drill Contractor/Driller: SACS			
GPS collected? ☒ Yes or No				Drill Method: DPT			
Radiological Background: 0.0				Borehole diameter: 2.25"			
PID Background: 14/82				Depth to GW: NA			
Radiological Equipment Used:				PG Review & No. #7735			
☒ MicroR ☒ Alpha/Beta ☒ Pancake				Geologist: C. Cox			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1			0.0	14/77	SL-736-SASA-SB-0.0-0.5	1430	SM	SILTY SAND: Brown (10YR 4/3), 70% sand, fg, f; 30% silt, low plasticity; t fine roots, dry, no odor (FW)
2	3.8/4.0		0.0	14/72			SM	SILTY SAND: yellowish brown (10YR 5/4), 70% sand, pg f-m, mostly m; 30% silt, low plasticity; t ss formation clasts; t igneous clasts; dry, no odor (FW)
3			0.0	14/114	SL-736-SASA-SB-3.0-4.0	1434	ML	SANDY SILT: Very pale brown (10YR 7/4), 60% silt, low plasticity; 40% sand, f; Firm, dry, no odor.
4			0.0	14/102				Refusal at ss formation at 3.9', 3.7', 3.9'

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:			
amt: amount	gr: grained	pg: poorly graded	t: trace
c: coarse	lt: light	rnd: rounded	v: very
dk: dark	m: medium	sa: subangular	wg: well graded
f: fine	mod: moderate	sr: subrounded	φ: diameter

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By C. Cox

Sample ID

AN 11/18/2013
~~SL-609-SASD-SB~~
SL-736-SASA-SB-0.0-0.5

Date/Time

AN 11/18/2013
~~11/15/2013 1430~~
11/18/2013

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite ☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

C. Cox

Sampler

A. Vivian

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015 ☒
	TPH-EFH	EPA 8015 ☒
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

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SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
SAND WITH $\geq 15\%$ FINES		SM	Silty SAND		
		SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other Fill indications on deeper soil

Is Staining Present Yes No

Color Brown 10YR (4/3)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Mila Hoffman

PG Registration # 7735

Additional Comments None

Cell 11/18/15

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

C. Cox

Sample ID

SL-736-SASA-SB-3.0-4.0

Date/Time

11/18/2013 1434

Matrix (circle one)

Soil

Sediment

Water

Start Depth

3.0

End Depth

4.0

Depth Units (circle one)

Inches

Feet

Check If Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

D

FD

FB

RB

Parent Sample ID

NA

Field Geologist

C. Cox

Sampler

A. V. J. J. J.

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
VOCs	EPA 8260	
1,4 Dioxane	EPA 8260 SIM	
TPH-GRO	EPA 8015	X
TPH-EFH	EPA 8015	X
Glycols	EPA 8015	
Alcohols	EPA 8015	
Terphenyls	EPA 8015	
Nitrates	EPA 300.0/9056	
Energetics	EPA 8330	
Cyanide	EPA 9012	
Formaldehyde	EPA 8315	
NDMA	EPA 1625	
Sediment	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630

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SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINE		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) NA
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color Very pale brown (10YR 7/4)

- Odor
1. Odor Strength (circle one)
- ☒ None ☐ Slight ☐ Strong
2. Odor Description (circle one)
- Organic ☐ Petroleum ☐ Chemical ☐
- ☒ N/A ☐ Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments None

Location ID: DG-738		Subarea: 5A		Date Started: Tuesday 11/26/13 1303		Date Completed: 4/26/13	
Client: DOE				Project Name/ #: Santa Susana Field Lab/99489			
Company Name: CDM SMITH				Drill Contractor/Driller: SAPS			
GPS collected? Yes or No				Drill Method: DPT			
Radiological Background: 14/87				Borehole diameter: 2.25"			
PID Background: 0.0				Depth to GW: NA			
Radiological Equipment Used:				PG Review & No.			
☒ MicroR ☒ Alpha/Beta ☒ Pancake				Mike Hoffman #7735 Geologist: C. Coa			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		3.8/4.0	0.0	14/98	SL-738-SASA-SB-0.0-0.5	1315	SM	SILTY SAND: Brown (10YR 4/13); 60% sand, pg, f; 40% silt, low plasticity, t red brick; t ss formation at 1'-1.3' (full well logs dry, no odor (fill))
2			0.0	14/48			ML	SANDY SILT: yellowish brown (10YR 5/8); 60% silt, low plasticity; 40% sand, pg, f; t red brick; t organics (fine roots); t igneous clasts, t ss formation; dry, no odor (fill)
3			0.0	14/72			ML	SILT WITH SAND: light yellowish brown (10YR 6/4); 80% silt, low plasticity; 20% sand, pg, f; firm; dry, no odor.
4		1.6/4.0	0.0	14/66	SL-738-SASA-SB-30-4.0	1320		Refusal at 4.2', 4.0', 4.0'

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

R. Hardenburger

Sample ID

SL-738-SASA-SB-0.0-0.5

Date/Time

11/26/13 1315

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

C. Cox

Sampler

R. Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL	
				GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
			GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL	
		SAND WITH * 5% FINES		GC	Clayey GRAVEL	
			SAND WITH BETWEEN 5% AND 15% FINES		SW	Well-graded SAND
					SP	Poorly graded SAND
			SAND WITH ≥ 15% FINES		SW-SM	Well-graded SAND with silt
					SW-SC	Well-graded SAND with clay
	SP-SM			Poorly graded SAND with silt		
	SP-SC			Poorly graded SAND with clay		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY		LIQUID LIMIT LESS THAN 50		SM	Silty SAND
				SC	Clayey SAND	
		LIQUID LIMIT GREATER THAN 50			ML	Inorganic SILT with low plasticity
					CL	Lean inorganic CLAY with low plasticity
			OL	Organic SILT with low plasticity		
			MH	Elastic inorganic SILT with moderate to high plasticity		
	HIGHLY ORGANIC SOILS				CH	Fat inorganic CLAY with moderate to high plasticity
					OH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) 100%

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS formation

Is Staining Present Yes No

Color Brown (10YR 4/3)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Nike Hoffman

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-738-SA5A-SB-3.0-4.0 Date/Time 11/26/13 1320

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 3.0
 End Depth 4.0

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler R. Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SP	Poorly graded SAND
				SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
			SP-SC	Poorly graded SAND with clay	
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) NA
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color light yellowish brown (2.5YR 6/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments None

Location ID: <u>06-676 DG-767</u>		Subarea: <u>5A</u>	Date Started: <u>TUESDAY 11/26/13</u>	Date Completed: <u>TUESDAY 11/26/13</u>
Client: DOE		Project Name/ #: Santa Susana Field Lab/99489		Total Depth: <u>3.5' 3.0' 3.5'</u>
Company Name: CDM SMITH		Drill Contractor/Driller: <u>SAFS</u>		Depth Drilled into Bedrock: <u>NA</u>
GPS collected? <u>Yes</u> or No		Drill Method: <u>DPT</u>		
Radiological Background: <u>14/94</u>		Borehole diameter: <u>2.25"</u>		Sampling Method: <u>DPT</u>
PID Background: <u>0.0</u>		Depth to GW: <u>NA</u>		
Radiological Equipment Used:		PG Review & No.:		Geologist: <u>C Cox</u>
☒ MicroR ☒ Alpha/Beta ☒ Pancake		<u>Julie Hoffman #1735</u>		

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1			0.0	14/81	SL-767-SASA-SB-0.0-0.5	1355	SM	SILTY SAND: Dark yellowish brown (10YR 4/4); 80% Sand, pg, f; 20% silt, low plasticity; t organics (fine roots @ 0'-1.8', tree root @ 1.8'-2.0', twig @ 3.2'); t ss clasts at 0'-0.8'; t metamorphic gravel @ 1.5', f, sa-sr, max φ = 0.75"; t igneous clasts at 3.0', dry, no odor (fill)
2			0.0	14/114				
3			0.0	14/54				
			0.0	14/96				
			0.0	14/78	SL-767-SASA-SB-2.5-3.5	1405	SM	SILTY SAND: Dark yellowish brown (10YR 4/4); 80% Sand, pg, f; 20% silt, low plasticity; dry, no odor.
			0.0	14/96				Refusal at 3.5', 3.0', 3.5'

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:				
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-767-SA5A-SB-0.0-0.5 Date/Time 11/20/13 1355

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check If Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC-Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler R. Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	X
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
			GC	Clayey GRAVEL	
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 100

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other SS formation

Is Staining Present Yes ☐ No ☒

Color

Dark yellowish brown (10YR 4/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Nick Hoffman

PG Registration # 7735

Additional Comments None

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By R. Hardenburger

Sample ID SL-7301/24/13 SL-767-SA5A-SB-2.5-3.5 Date/Time 11/26/13 1405

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 2.5
 End Depth 3.5

Depth Units (circle one)
 Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist C. Cox

Sampler R. Hardenburger

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
SAND WITH ≥ 15% FINES			SP-SM	Poorly graded SAND with silt	
			SP-SC	Poorly graded SAND with clay	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SM	Silty SAND
				SC	Clayey SAND
				ML	Inorganic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) NA
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present

Yes ☒ No ☐

Color

Dark yellowish brown (10YR 4/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

☒ Organic ☐ Petroleum ☐ Chemical

☒ N/A

Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments None

Location ID: DC-772		Subarea: 5A 5A02		Date Started: 6-4-13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-05250-00370.4203.002.220.02204.66PH3				Total Depth: 1st DPT 15.0	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				2nd DPT 14.3	
GPS collected? Yes or No		Drill Method: DPT				Depth Drilled into Bedrock: 12.5	
Radiological Background: 8=13 4=85		Borehole diameter: 2.25				NA	
PID Background: 0.0		Depth to GW: NA				Sampling Method:	
Radiological Equipment Used:		PG Review & No.: NA				DPT sleeves	
☒ MicroR ☒ Alpha/Beta ☒ Pancake		NA				Geologist: David Rojas	

Depth (feet)	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5	0.5	0.0	13/81	SL-7'72	1425	SM	SILTY SAND, brn (7.5YR 5/4) Fgm, pg, sr to sa, quartz, dry, silt ~20%, loose to sli compacted, tr to few org (roots)
1	3.5	0.0	12/66	SL-5A-5B			
2		0.0	12/84			SM	SILTY SAND, brn (7.5YR 5/4) mottled w/ dk red brn (5YR 3/3) & lt brn (7.5YR 6/3) & to some red yel (7.5YR 6/6) Fgm w/ tr med gm, pg, sr to sa, quartz, dry, ~30% silt, mod well to well compacted, sli to moderately laminated, sli to mod friable
3		0.0	12/66				
4		0.0	12/78				
5	4.0	0.0	12/66			SP	SAND with SILT, yel brn (10YR 5/6) mottled w/ dk yel brn (10YR 4/4) and (10YR 4/6), Fgm, pg, sr to sa, quartz, dry, becoming sli moist below 7' bls, ~10% silt, mod well compacted
6	4.0	0.0	12/72			SM	
7		0.0	12/66				
8		0.0	12/72				
9	3.7	0.0	12/48			SP	SAND, yel brn (10YR 5/6), mottled w/ lt yel brn (10YR 6/4) Fgm, pg, sr to sa, quartz, sli moist to moist, mod well compacted, <5% silt
10	4.0	0.0	12/84				

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of __

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Location ID: **DC-772** Subarea: **5A** Date Started: **6-4-13** Date Completed: **→**
 Project: SSFL Geologist: **DAVID ROTAS** Total Depth: **15**

Depth (feet)	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
11	5.0 P8	0.0	12/84			SM	SILTY SAND, dk yel brn (10YR 4/4) mottled w/ (10YR 4/6) & brn yel (10YR 5/8), fgm, pg, sr to sa quartz, moist, ~30% silt, <5% clay, sli plastic
12		0.0	12/102				
13	3.0 3.0	0.0	12/96				
14		0.0	12/114			CL	SANDY LEAN CLAY, lt brn gray (2.5Y 6/2) mottled w/ lt olive brn (2.5Y 5/4) and strong brn (7.5YR 5/8), low plasticity, 40% sand, ~10% silt, crumbly, moist
15		0.0	12/78			SC	SANDY CLAYEY SAND, dk yel brn (10YR 4/4) mottled w/ gray (5Y 5/1) & strong brown (7.5YR 5/8) fgm, pg, sr to sa quartz, sli moist, ~20% clay, ~10% silt, low plasticity, crumbly

Refusals @ 15, 14.3, & 12.5

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. C. [Signature]

Sample ID SL-772-SA5A-SB-0.0-0.5 Date/Time 06/04/2013 6:31:25 Sm6513

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

	Parameters	Method	Analyze?
Metals		EPA 6010	☒
		EPA 6020	☒
		EPA 7471 (Soil)	☒
		EPA 7470 (Water)	
Fluoride		EPA 300.0/9056	
SVOCs		EPA 8270	
TIC		EPA 8270	
PAHs		EPA 8270 SIM	☒
1,4 Dioxane		EPA 8270 SIM	
Dioxins		EPA 1613	☒
PCBs/PCTs		EPA 8082	
Perchlorate		EPA 314.0/331	
Perchlorate Confirmation		EPA 6850/6860	
pH		EPA 9045 (Soil)	☒
		EPA 9040 (Water)	
Hexavalent Chromium		EPA 7196/7199	
Herbicides		EPA 8151	
Pesticides		EPA 8081	

	Parameters	Method	Analyze?
Encores	VOCs	EPA 8260	
	1,4 Dioxane	EPA 8260 SIM	
	TPH-GRO	EPA 8015	
	TPH-EFH	EPA 8015	☒
	Glycols	EPA 8015	
	Alcohols	EPA 8015	
	Terphenyls	EPA 8015	
	Nitrates	EPA 300.0/9056	
	Energetics	EPA 8330	
	Cyanide	EPA 9012	
Sediment	Formaldehyde	EPA 8315	
	NDMA	EPA 1625	
	Organotin	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630	

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No

Color brn 7.5YR 5/4

Odor

1. Odor Strength (circle one)
☒ None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature *Mike Hoffman*

PG Registration # 7735

Additional Comments _____

Location ID: DC-773		Subarea: 5A		Date Started: 6-10-13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-65288-53376.1203.002.223.02231.99PH9-5m 12.512				Total Depth: 1 DPT = 9.6' 2 DPT = 8.4' 3 DPT = 7.5'	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA	
GPS collected? ☒ Yes or No		Drill Method: DPT				Sampling Method: DPT sleeves	
Radiological Background: $\gamma = 12$ $\alpha\beta = 75$		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used:		PG Review & No. <i>Null off from #7735</i>					
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		4.5/4.5	0.0	12/81	SL-773-SB 00-05	08355P	SP/SM	SAND w/ SILT, lt brn (7.5YR 6/4), fg, pg, sr to sa, quartz, ~10% silt, dry, loose; few to some silty sand nodules - friable; some org. (roots)
1		3.1/3.5	0.0	10/84			SP/SM	SAND w/ SILT, strong brn (7.5YR 4/6) mottled w/ red yel. (7.5YR 6/6) fg, pg, sr to sa, quartz, some med qtz & to coarse gm, mod laminated ~2-4 mm, mod Friable, dry
2			0.0	10/84			SP/SM	SAND w/ SILT, A.A. except also mottled w/ strong brn (7.5YR 5/6) & yel red (5YR 4/6)
3			0.0	10/92				
4			0.0	10/78			SP	SAND, brn yel (10YR 6/6) mottled w/ strong brn (7.5YR 5/6) fg, pg, sr to sa, quartz, dry, <5% silt, sli to med compacted, less mottling w/ depth; Trace amt siltstone concretions ~4-8mm in diameter, sr, hard; dense from ~8' to total depth (TD)
5		4/4	0.0	10/72				
6			0.0	10/66				
7			0.0	10/42				
8			0.0	10/96				
9			0.0	10/66				
			0.0	10/66				

Refusals @ 9.6, 8.4 & 7.5

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of ____

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortes

Sample ID SL-773-SA5A-SB-0.0-0.5

Date/Time 6-10-13 / 0835

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	☒

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION		GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE		GW	Well-graded GRAVEL
			GP	Poorly graded GRAVEL
			GW-GM	Well-graded GRAVEL with silt
			GW-GC	Well-graded GRAVEL with clay
			GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay
			GM	Silty GRAVEL
			GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE		SW	Well-graded SAND
			SP	Poorly graded SAND
			SW-SM	Well-graded SAND with silt
			SW-SC	Well-graded SAND with clay
			SP-SM	Poorly graded SAND with silt
			SP-SC	Poorly graded SAND with clay
			SM	Silty SAND
			SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY		ML	Inorganic SILT with low plasticity
			CL	Lean inorganic CLAY with low plasticity
			OL	Organic SILT with low plasticity
			MH	Elastic inorganic SILT with moderate to high plasticity
			CH	Fat inorganic CLAY with moderate to high plasticity
			OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present Yes ☒ No ☐
- Percentage Fill (%) None
- Fill Description (circle all that apply)

Asphalt

Metal

Plastic

Concrete

Wood

Glass

Igneous/Metamorphic Gravel

☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color 1t6m (7.5YR 6/4)

Odor _____

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
 Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature *Mike Hoffman*

PG Registration # 7735

Additional Comments _____

Location ID: DC 774		Subarea: 5A		Date Started: 6-10-13		Date Completed:	
Client: DOE		Project Name/ID: 89FL-66258-63376-1203-002-223-02234.SSPH3- SM 10512				Total Depth: 1st DPT = 5.5 2nd DPT = 4.8 3rd DPT = 3.5	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA	
GPS collected? ☒ Yes or No		Drill Method: DPT				Sampling Method: DPT Slices	
Radiological Background: X=12 αβ=54		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used:		PG Review & Notes: <i>Will Hoffman 773.5</i>					
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5	0.5	0.0	SL-774 SA5A- 0.0-0.5MS	12/101	0955	SP/SM	SAND w/silt, brn (7.5YR 5/4) Fg, pg, sr to sa, quartz dry; few to some silty sand nodules - friable, sr to sa; some org (roots & leaves)
	0.5	0.0	SL-1174 SA5A 0.0-0.5	10/66 10/48		SP	SAND, brn (7.5YR 5/4) mottled w/strong brn (7.5YR 5/8) Fg, pg, sr to sa, quartz, laminites (~2-4mm), mod friable to friable, <5% silt
2	2.5/ 3.5	0.0		10/72			
3		0.0		10/84		SP/SM	SAND, A.A. except less laminites & siltier, ~10% silt
4		0.0		10/90		SP	SAND, strong brn (7.5YR 5/6) mottled w/red yel (7.5YR 6/8) and some brn (7.5YR 4/4), Fg, few med qtz, pg sr to sa, quartz, dry, moderately laminites (3-5mm) mod friable to sli hard, <5% silt
	1.5/ 1.5	0.0		10/60 10/54		SP	SAND, red yel (7.5YR 6/6) mottled w/(7.5YR 6/6) and brn yel (10YR 6/6), Fg w/few to some med qtz, pg, sr to sa, quartz, dry, loose; tr and sandstone gravel; Fine, hard, med well to well cemented; <5% silt to sli compacted
Refusals @ 5.5, 4.8, & 3.5							

SAMPLES
0.0-0.5

**CDM
Smith**

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cite

Sample ID SL-774-SA5A-SB-0.0-0.5 MS Date/Time 6-10-13/0955

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCS	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	☒

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

6 DPT SS Sleeves & 1 9oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☐ No ☒

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☐ No ☒

Color 10Rn (7.5YR 5/4)

Odor

1. Odor Strength (circle one)
☒ None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature *Walter D. Johnson*

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortez

Sample ID SL-1174-SA5A-SB-0.0-0.5

Date/Time 6-10-13 / 1010

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

N ☒ FD ☐ FB ☐ RB

Parent Sample ID SL-1174-SA5A-SB-0.0-0.5 MS

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	X

Parameters	Method	Analyze?
VOCs	EPA 8260	
1,4 Dioxane	EPA 8260 SIM	
TPH-GRO	EPA 8015	
TPH-EFH	EPA 8015	X
Glycols	EPA 8015	
Alcohols	EPA 8015	
Terphenyls	EPA 8015	
Nitrates	EPA 300.0/9056	
Energetics	EPA 8330	
Cyanide	EPA 9012	
Formaldehyde	EPA 8315	
NDMA	EPA 1625	
Sediment	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves & 1 Hor jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
		LIQUID LIMIT GREATER THAN 50		CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents
				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No

Color brn (7.5YR 5/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

Location ID: DG-775		Subarea: 5A		Date Started: 6-13-13		Date Completed:	
Client: DOE		Project Name/ID: SSL-65268-43376-1203-002-223-02231-00PH1416				Total Depth: 1st DPT=3.0 2nd DPT=2.8 3rd DPT=2.5	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock:	
GPS collected? Yes or No		Drill Method: DPT				NA	
Radiological Background: X=13.0-81		Borehole diameter: 2.25				Sampling Method:	
PID Background: 0.0		Depth to GW: NA				DPT Sleeves	
Radiological Equipment Used:		PG Review # No: 735				Geologist: DAVID ROTAS	
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
SAMPLE 0.0-0.5		0.5/0.5	0.0	13/87	SL-775 SA5A-SB 0.0-0.5	1425	SM	SILTY SAND, bmn (7.5YR 5/4), Fgn, pg, sr to sa, quartz loose, dry, ~30% silt, few amib org (roots)
1			0.0	10/78				
2		2.2/2.5	0.0	10/84			SM	SILTY SAND, bmn (7.5YR 5/4) mottled w/ strong bmn (7.5YR 4/6) and lt bmn (7.5YR 6/4), Fgn w/ tr to few abt med gss, pg, sr to sa, quartz, compacted, dry, laminated (~2-4mm), mod friable to friable, tl anst org (roots) ~20% silt
3			0.0	10/66			SP/SM	SAND w/ SILT, yel bmn (10YR 5/6) mottled w/ bmn yel (10YR 6/8) and v pale bmn (10YR 7/4), F-m gss, pg, sr to sa, quartz, compacted, dry, laminated (2-4mm), mod hard to friable; tl anst clay dispersed w/ sand, low plasticity, stiff, brittle

Refusal @ 3.0, 2.8, & 2.5

CDM Smith**BORING LOG AND SAMPLING RECORD**Page 1 of **1****ABBREVIATIONS:**

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By John Halseth

Sample ID SL-775-SA5A-SB-0.0-0.5 Date/Time 6-13-13 / 1425

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
End Depth 0.5

Depth Units (circle one)
Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler John Halseth

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☐
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color brn (7.5YR 5/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

Location ID: DG-776		Subarea: 5A		Date Started: 6-10-13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-65268-83376-12003-002-223-02204-SSPH3-Sm 12512				Total Depth: 1st DPT = 6.1 2nd DPT 6.4	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock:	
GPS collected? ☒ Yes or No		Drill Method: DPT				NA	
Radiological Background: 8 = 12 cpb: 97		Borehole diameter: 2.25				NA	
PID Background: 0.0		Depth to GW: NA				Sampling Method:	
Radiological Equipment Used:		PG Review & Notes: Mike Hoffman #7735				DPT Sleeves	
☒ MicroR ☒ Alpha/Beta ☒ Pancake						Geologist: David Rojas	

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	12/105	SL-776 SA5A-SB 0.0-0.5	1045	SM	SILTY SAND, brn (7.5YR 5/4) mottled w/strong brn (7.5YR 4/6) fgm, pg, sr to sa, quartz, dry, loose, few silty sand nodules, sa to angular; 10% silt, dk gray (N3), hard, scoria-like, f to med gravel-sized, at the surface & to ~2 inches, 20% silt, to few org (roots) 0.8
1		3.5/3.5	0.0	10/54			SM	SILTY SAND brn (10YR 5/3) mottled w/brn (7.5YR 4/4) fg, pg, sr to sa, quartz, loose, dry, ~40% silt
2			0.0	10/66				
3			0.0	10/72			SM	SILTY SAND, yel brn (10YR 5/6) mottled w/brn yel (10YR 6/6) & dk yel brn (10YR 4/6), fg, pg, sr to sa, quartz, trant med grv, loose to sli compacted, some silty sand nodules, sr to sa, med hard, sli friable, ~5% asphalt as med to coarse sand & to fine-sized gravel; ~20% silt, dry
4			0.0	10/66			SP/SM	SAND w/SILT, brn yel (10YR 6/6) mottled w/dk yel brn (10YR 4/6) and yel (10YR 7/6), fg, pg, sr to sa, quartz, sli compacted to med compacted, Friable, trant med 5' gravel sd, ~10% silt, ~5% Asphalt, A.A.
5		2.9/2.9	0.0	10/54			SP/SM	SAND, lt yel brn (10YR 6/4) mottled w/yel brn (10YR 5/6) and gray brn (10YR 5/2), fg, pg, sr to sa, quartz, med compacted, sli moist, ~10% silt; tr to few sandstone gravel, sa to angular, same coloring as sand, hard, well cemented
6			0.0	10/54	SL-776 SA5A-SB 6.0-7.0MS SL-1176 SA5A-SB 6.0-7.0MS	1130	SM	
7			0.0	10/78		1140		
			0.0	10/84				
Refusals @ 6.1, 6.9, 6.7, 7.7, 6.4								

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of ____

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cite

Sample ID SL-776-SA5A-SB-00-0.5 Date/Time 6-10-13 / 1045

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	X

Parameters	Method	Analyze?
Entores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves + 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 15% FINES</u>		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND	
				SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
SAND WITH <u>≥ 15% FINES</u>			SP-SM	Poorly graded SAND with silt		
			SP-SC	Poorly graded SAND with clay		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS THAN 50</u>		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
				MH	Elastic inorganic SILT with moderate to high plasticity	
	LIQUID LIMIT <u>GREATER THAN 50</u>		CH	Fat inorganic CLAY with moderate to high plasticity		
			OH	Organic SILT or CLAY with moderate to high plasticity		
		HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 10

3. Fill Description (circle all that apply)

☒ Asphalt ☐ Metal ☐ Plastic
☐ Concrete ☐ Wood ☐ Glass
☐ Igneous/Metamorphic Gravel ☐ N/A
 Other slag

Is Staining Present Yes ☒ No

Color brn (7.5YR 5/4) mottled w/ strong brn (7.5YR 4/6)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
☐ Organic ☐ Petroleum ☐ Chemical
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. CRT

Sample ID SL-776-SA5A-SB-6.0-7.0MS Date/Time 6-10-13/1130

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 6.0

End Depth 7.0

Depth Units (circle one)
Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	X

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	NOAA Status and Trends, Krone et al.	
	Organotin	
	Methyl Mercury	EPA 1630

Lo 16-oz jars
Lo DPT SS Slaves, 1 9-oz jar &
Lo Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 10% FINES</u>		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH <u>≥ 15% FINES</u>		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS THAN 50</u>		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT <u>GREATER THAN 50</u>		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) NONE

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A ☐

Other _____

Is Staining Present Yes ☐ No ☒

Color lt. yel brn (10YR 6/4) mottled w/ yel brn (10YR 5/6) and

Odor gray brn (10YR 5/2)

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A ☐ Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Will Hoffmann

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

V. OK

Sample ID

SL-1176-SA5A-SB-6.0-7.0

Date/Time

6-10-13 / 1140

Matrix (circle one)

Soil

Sediment

Water

Start Depth

6.0

End Depth

7.0

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

SL-1176-SA5A-SB-6.0-7.0 MS

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	X

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2-DPT SS Screens 100µm & 2 Encores
16 oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 10% FINES</u>		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH <u>≥ 15% FINES</u>		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS</u> THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT <u>GREATER</u> THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present Yes ☒ No ☐
- Percentage Fill (%) None
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	☒ N/A	
Other _____		

Is Staining Present Yes ☒ No ☐

color lt. yel brn (10YR 6/4) mottled w/ yel brn (10YR 5/6) and

Odor gray brn (10YR 5/2)

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
 Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)
☒ Dry ☐ Moist ☐ Wet

PG Signature *W. J. Johnson*

PG Registration # 7735

Additional Comments _____

Location ID: DC-777		Subarea: 5A		Date Started: 6-10-13		Date Completed:		
Client: DOE		Project Name/ID: SSFL-05250-03070-1209-002-225-02201-06PH3-1831a				Total Depth: 1st DPT = 5.2' 2nd DPT = 5.3' 3rd DPT = 5.2'		
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA		
GPS collected? (Yes) or No		Drill Method: DPT				Sampling Method: DPT Sleeves		
Radiological Background: X=13 AB=76		Borehole diameter: 2.25				Geologist: David Rojas		
PID Background: 0.0		Depth to GW: NA						
Radiological Equipment Used:		PG Review & No.						
☒ MicroR ☒ Alpha/Beta ☒ Pancake		Muller Hoffman, #7735						
Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	13/79	SL-777 SA5A-SB 0.0-0.5	1445	SM	SILTY SAND, lt brn (7.5YR 6/3), fgn, pg, sr to sa, quartz, dry, loose; few silty sand nodules - sa to orange; friable to silty sand; friable; ~20% silt; tr to few amt org (roots)
1			0.0	10/72				
2		3.5/3.5	0.0	10/72			SP/SM	SAND w/ SILT, brn (7.5YR 5/4) mottled w/ dk brn (7.5YR 3/3) and lt brn (7.5YR 6/4), fgn with trace amt med gr, sr to sa, quartz, sli compacted to med compacted, laminated (2-4mm), tr amt mottly w/ yel red (5YR 5/8) 1.7
3			0.0	10/48			SP	SAND, brn yel (10YR 6/6) mottled w/ yel brn (10YR 5/4), fgn, pg, sr to sa, quartz, sli compacted to med compacted, dry, 5% silt 2.6
4			0.0	10/66			SC	SANDY CLAYEY SAND, lt yel brn (10YR 6/4) mottled w/ yel (10YR 6/6) dk yel brn (10YR 4/4), brn yel (10YR 6/6) and dk gray brn (10YR 4/2), fn to med gr, pg, sr to sa, quartz, compacted, sli friable, sli laminated, ~10% silt 3.4
5		1.3/1.3	0.0	10/78				as lensed and blebs decreasing to 15% w/ depth
								Refusals @ 5.2', 5.3', & 5.2'

**CDM
Smith****BORING LOG AND SAMPLING RECORD**Page 1 of **1****ABBREVIATIONS:**

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortes

Sample ID SL-777-SA5A-SB-0.0-0.5

Date/Time 6-10-13 / 1445

Matrix (circle one)

☒ Soil

☐ Sediment

☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

☐ Inches

☒ Feet

Check if Composite ☐

☒ DPT

☐ Slide Hammer

☐ Hand Auger/Slide Hammer

☐ Trenching

☐ Sediment

QC Type (circle one)

☒ N

☐ FD

☐ FB

☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☐
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☒

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color H brn (7.5YR 6/3)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
☒ N/A ☐ Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

Location ID: DG-778		Subarea: 5A	Date Started: 6-12-13	Date Completed:
Client: DOE		Project Name/ID: SSFL-65250-03376-1203-002-223-02231-SSP113-B		Total Depth: 1st DPT = 4.3 2nd DPT = 4.9 3rd DPT = 4.5
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm		Depth Drilled into Bedrock: NA
GPS collected? ☒ Yes or No		Drill Method: DPT		
Radiological Background: X=12 uB=92		Borehole diameter: 2.25		
PID Background: 0.0		Depth to GW: NA		Sampling Method: DPT SS Shakes & arche sleeve
Radiological Equipment Used:		PG Review & No.: 7735		Geologist: David Rojas
☒ MicroR ☒ Alpha/Beta ☒ Pancake				

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	12/94	SL-778 SASA-SB 0.0-0.5MS	0835	SM	SILTY SAND, brn (7.5YR 5/4) Fgn, w/ trant med gm, pg, sr to sa, quartz, sli compacted to loose, Friable, dry, ~20% silt, 5% Granite gravel - sa to ang, f-med sized, to a few amt org (roots)
1			0.0	10/54	SL-1178 SASA-SB 0.0-0.5	0845		
2		3.2/3.5	0.0	10/84			SM	SILTY SAND (7.5YR 4/4) Fgn, pg, sr to sa, quartz, dry, sli to mod compacted, sli to mod laminated (2-3mm) Friable, ~30% silt, to amt (roots) org
3			0.0	10/66			SM	SILTY SAND, Strong brn (7.5YR 5/6) mottled w/ (7.5YR 4/4) Fgn, pg, sr to sa, quartz, dry, mod compacted, mod friable to sli hard. ~20% silt, becoming sli laminated w/ depth
4		0.9/0.9	0.0	10/84	SL-778 SASA-SB 4.0-5.0	0900	SP	SAND, brn yel (10YR 6/6) mottled w/ yel brn (10YR 5/6), fg, pg, sr to sa, quartz, dry, mod well compacted, laminated (2-4mm), mod Friable to sli hard, ~15% silt
								SAND, brn yel (10YR 6/6) mottled w/ yel brn (10YR 5/6), fg, pg, sr to sa, quartz, dry, sli compacted to loose, to amt sandstone gravel, fine-sized, weathered, sa to angular, mod hard to sli friable

Refusals @ 4.3, 4.9, & 4.5

**CDM
Smith**

BORING LOG AND SAMPLING RECORD

Page 1 of ____

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cntz

Sample ID SL-778-SA5A-SB-0.0-0.5 MS Date/Time 6-12-13 / 0835

Matrix (circle one) ☒ Soil ☐ Sediment ☐ Water	Start Depth <u>0.0</u> End Depth <u>0.5</u>	Depth Units (circle one) Inches ☒ Feet
---	--	--

Check if Composite ☐ Collection Method (circle one) ☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one) ☒ N ☐ FD ☐ FB ☐ RB Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

	Parameters	Method	Analyze?
	Metals	EPA 6010	
		EPA 6020	
		EPA 7471 (Soil)	
		EPA 7470 (Water)	
	Fluoride	EPA 300.0/9056	
	SVOCs	EPA 8270	
	TIC	EPA 8270	
	PAHs	EPA 8270 SIM	
	1,4 Dioxane	EPA 8270 SIM	
	Dioxins	EPA 1613	
	PCBs/PCTs	EPA 8082	
	Perchlorate	EPA 314.0/331	X
	Perchlorate Confirmation	EPA 6850/6860	
	pH	EPA 9045 (Soil)	
		EPA 9040 (Water)	
	Hexavalent Chromium	EPA 7196/7199	
	Herbicides	EPA 8151	
	Pesticides	EPA 8081	

	Parameters	Method	Analyze?
Encores	VOCs	EPA 8260	
	1,4 Dioxane	EPA 8260 SIM	
	TPH-GRO	EPA 8015	
	TPH-EFH	EPA 8015	
Sediment	Glycols	EPA 8015	
	Alcohols	EPA 8015	
	Terphenyls	EPA 8015	
	Nitrates	EPA 300.0/9056	
	Energetics	EPA 8330	
	Cyanide	EPA 9012	
	Formaldehyde	EPA 8315	
	NDMA	EPA 1625	
	Organotin	NOAA Status and Trends, Krone et al.	
		EPA 1630	

3 DPT SS Sleeves

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
SAND WITH $\geq 15\%$ FINES			SP-SM	Poorly graded SAND with silt	
			SP-SC	Poorly graded SAND with clay	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
			CH	Fat inorganic CLAY with moderate to high plasticity	
			CH	Organic SILT or CLAY with moderate to high plasticity	
	HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 5%

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes ☒ No

Color bm (7.5YR 5/4)

Odor

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments

N/A

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

V. Carter

Sample ID SL-1178-SA5A-SB-0.0-0.5

Date/Time 6-12-13/0045

Matrix (circle one)

☒ Soil

Sediment

Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches

☒ Feet

Check if Composite ☐

☒ DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

☒ FD

FB

RB

Parent Sample ID

SL-1178-SA5A-SB-0.0-0.5MS

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	
	EPA 6020	
	EPA 7471 (Soil)	
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	X
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

1 DPT SS Sleeve

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL	
				GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
			GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL	
			GC	Clayey GRAVEL		
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND	
			SP	Poorly graded SAND		
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
				SP-SM	Poorly graded SAND with silt	
				SP-SC	Poorly graded SAND with clay	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH $\geq 15\%$ FINES		SM	Silty SAND	
			SC	Clayey SAND		
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
			LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
		CH		Fat inorganic CLAY with moderate to high plasticity		
		CH		Organic SILT or CLAY with moderate to high plasticity		
HIGHLY ORGANIC SOILS					PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 5%

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous / Metamorphic / Gravel N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color brn (7.5YR 5/4)

Odor _____

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Vicki Hoffman

PG Registration # 7735

Additional Comments

N/A

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Ctr

Sample ID SL-778-SA5A-SB-4.0-5.0 Date/Time 6-12-13 / 0900

Matrix (circle one)

☒ Soil

☐ Sediment

☐ Water

Start Depth 4.0

End Depth 5.0

Depth Units (circle one)

☐ Inches

☒ Feet

Check if Composite ☐

Collection Method (circle one)

☒ DPT

☐ Slide Hammer

☐ Hand Auger/Slide Hammer

☐ Trenching

☐ Sediment

QC Type (circle one)

☒ N

☐ FD

☐ FB

☐ RB

Parent Sample ID N/A

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	
	EPA 6020	
	EPA 7471 (Soil)	
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	X
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

1 lb or jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color brn yel (10YR 5/6) mottled w/ yel brn (10YR 5/6)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

Location ID: DC-779		Subarea: 5A		Date Started: 6-10-13		Date Completed:	
Client: DOE		Project Name/ID: SSP-05258-63976.4203.002.223.02234.SSPH3- Sm 1251a				Total Depth: 1st DPT = 5.2 2nd DPT = 5.0 3rd DPT = 4.5	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled Into Bedrock:	
GPS collected: Yes or No		Drill Method: DPT				NA	
Radiological Background: $\gamma = 12 \text{ } \mu\text{R} = 76$		Borehole diameter: 2.25				NA	
PID Background:		Depth to GW: NA				Sampling Method:	
Radiological Equipment Used:		PG Review & No.				DPT Sleeves	
☒ MicroR ☒ Alpha/Beta ☒ Pancake		Vicki Hoffman, #7735				Geologist: David Rojas	

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological ($\mu\text{R}/\text{cpm}$)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	12/84 10/42	SL-779 SA5A-S8 0.0-0.5	1400	SM	SILTY SAND, lt brn (7.5YR 6/3) mottled w/ brn (7.5YR 5/4) fgm, pg, sr to sa, quartz, loose, dry; some silty sand nodules - sr to sa, equisolid, friable to med friable; to amt fine gravel - sandstone, hard, sa to angul; few org (roots)
1		3.0/3.5	0.0	10/52				
2			0.0	10/48				
3			0.0	10/54			SP	SAND w/ SILT, strong brn (7.5YR 5/6) mottled w/ brn (7.5YR 4/4) fgm w/ to amt med gm, pg, sr to sa, quartz, mod compacted, sli laminations grading to more definitive laminations w/ depth, to amt sandstone gravel A.A. ~10% silt, dry
4		1.2/1.2	0.0	10/66 10/54			SP	SAND, brn (10YR 6/6) mottled w/ yel brn (10YR 5/6) v pale brn (10YR 7/4) fgm, pg, sr to sa, quartz, to amt clay dk gray (10YR 4/1), mod plasticity, stiff, sli moist
							SC	CLAYEY SAND, A.A except % clay has increased to 15% and siltstn gravel has increased to 10%
								Refusals @ 5.2, 5.0, & 4.5

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of __

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	ϕ : diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cfr

Sample ID SL-779-SA5A-SB-0.0-0.5 Date/Time 6-10-13 / 1400

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	☒

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves & 1 4-ox jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS</u> THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT <u>GREATER</u> THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No

Color lt brn (7.5YR 6/3) mottled w/ brn (7.5YR 5/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

Location ID: DG-780		Subarea: 5A		Date Started: 6-17-13		Date Completed: 6-17-13	
Client: DOE		Project Name/ID: SSFL-65258-63376-1203-002-223-02234-S6PH9-118				Total Depth: 1st DPT = 4.0 2nd DPT = 3.9 3rd DPT = 3.9	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled: NA	
GPS collected? Yes or No		Drill Method: DPT				Borehole diameter: 2.25	
Radiological Background: X=13 αβ=77		PID Background: 0.0				Sampling Method: DPT Sleeves	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		PG Review & Notes: Under 7735				Geologist: David Rojas	

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	13/71	SL-780	0905	SP	SAND w/ SILT, brn (7.5YR 5/4) fgm, pg, sr to sa, quartz, loose, ~10% silt; dry; to amt variegous gravel, fine sized, sa to angular; to to few amt org (roots)
1		3.0/3.5	0.0	10/54	SASA-SB		SM	SILTY SAND, brn (7.5YR 5/4) fgm w/ to med coarse grained, pg, sr to sa, quartz, ~30% silt, dry, loose, few to some fine sized gravel, sandstone, well cemented, hard, angular to sa, to amt org (roots)
2			0.0	10/48				
3			0.0	10/42	SL-780	925	SP	SAND, brn yel (10YR 6/6) mottled w/ yel brn (10YR 5/6), fg, pg, sr to sa, quartz, dry, loose to sli compacted, few to some blebs & lenses of clayey sand, brn (7.5YR 4/4), dry, low plasticity, brittle, ~5% silt
4			0.0	10/42	SASA-SB 3.0-4.0MS SL-1180 SASA-SB 3.0-4.0	935	SM	SILTY SAND, lt yel brn (10YR 6/4) mottled w/ v pale brn (10YR 7/4) and brn (10YR 4/3), fgm, w/ few med qtz to coarse grw, sr to sa, quartz, moderately well to well compacted, hard to sli friable; some siltstone, gravel, fine to med gravel sized, dry, ~20% silt

Refusals @ 4.0, 3.9, 3.9, 3.9, 3.9

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
fi: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Location ID:		Subarea:		Date Started:		Date Completed:	
Project: SSFL				Geologist:		Total Depth:	
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page__of__

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. C. K.

Sample ID SL-780-SA5A-SB-00-0.5

Date/Time 6-17-13/0905

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☐
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT GREATER THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
			OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present ☒ Yes ☐ No
- Percentage Fill (%) Trace 1%
small 13
- Fill Description (circle all that apply)

Asphalt Metal Plastic
 Concrete Wood Glass
☒ Igneous/Metamorphic Gravel N/A
 Other _____

Is Staining Present Yes ☒ No

Color

brn (7.5YR 5/4)

Odor

1. Odor Strength (circle one)
☒ None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature

[Signature]

PG Registration #

7735

Additional Comments

N/A

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Gt

Sample ID SL-780-SA5A-SB-3.0-4.0MS Date/Time 10-17-13 / 0925

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 3.0
 End Depth 4.0

Depth Units (circle one)
 Inches ☒ Feet

Check If Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

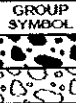
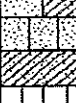
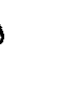
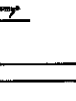
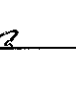
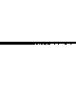
Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

6-16-02 jaw & 6 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- Asphalt Metal Plastic
- Concrete Wood Glass
- Igneous/Metamorphic Gravel ☒ N/A
- Other Indurified

Is Staining Present

Yes ☐ No ☒

Color brn/yel (DVR 1/4) mottled w/ yel brn (DVR 5/8)

Odor

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. GA

Sample ID SL-118D-SA5A-SB-3.0-4.0

Date/Time 6-17-13/0935

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 3.0

End Depth 4.0

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

N ☒ FD ☐ FB ☐ RB

Parent Sample ID SL-780-SA5A-SB-3.0-4.0MS

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 16oz jars & 2 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color brn yel (10YR 6/6) mottled w/ gel brn (10YR 5/8)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

Location ID: DC-781		Subarea: 5A		Date Started: 6-12-13		Date Completed: _____	
Client: DOE		Project Name/#: SSFL-65258-63376-1209-002-223-02234-SSPH3				Total Depth: 1st DPT= 3.0 2nd DPT= 3.0 3rd DPT= 3.0	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled Into Bedrock: NA	
GPS collected? Yes or No		Drill Method: DPT				Borehole diameter: 2.25	
Radiological Background: Y=14 Z=84		Depth to GW: NA				Sampling Method: DPT Sleeves	
PID Background: 0.0		PG Review & No: _____				Geologist: David Rojas	
Radiological Equipment Used:							
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
SAMPLE 0.0-0.5	0.5	0.5	0.0	14/81	SL-781 SA5A-SB 0.0-0.5	0940	SP	SAND w/ SILT, brn (7.5YR 5/4) fgm, pg, sr to sa, quartz, dry mod compacted, mod friable, w/ 10% SILT, few org (roots) dry
	1		0.0	10/42				
SAMPLE 2.0-3.0	2.5	2.5	0.0	10/54	SL-781 SA5A-SB 2.0-3.0	0950	SP	SAND, brn yel (10YR 6/6) mottled w/ yel brn (10YR 5/8) and dk brn (7.5YR 3/3) fgm, pg, sr to sa, quartz, loose to amt clay, stuff, low plastic, dk grey (2.5Y 4/4)
	2							SILTY SAND strong brn (7.5YR 5/6) mottled w/ fgm, pg, sr to sa, quartz, med well to well brn 7.5YR 4/4 mod friable to sli hard, appears reworked compacted
	3		0.0	10/60			SP	SAND, same colors as above, fgm w/ few med gwn, pg sr to sa, quartz, dry to sli moist, compacted, sli to med friable, appears reworked to few amt clay, A.A.
								Refusals @ 3.0, 3.0, & 3.0' bbs few amt mottled w/ yel red (5YR 5/6)

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Antz

Sample ID SL-781-SA5A-SB-0.0-0.5 Date/Time 6-12-13/0940

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Skewers & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color brn (7.5YR 5/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
 Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature *Walter Hoffman*

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

[Signature]

Sample ID SL-781-SASA-SB-2.0-3.0

Date/Time 6/12/13 0950

Matrix (circle one)

Soil

Sediment

Water

Start Depth 2.0

End Depth 3.0

Depth Units (circle one)

Inches

Feet

Check if Composite ☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

N/A

Field Geologist DAVID ROJAS

Sampler VIDAL CORREIA

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
		SAND WITH $\leq 5\%$ FINES		GC	Clayey GRAVEL
				SW	Well-graded SAND
				SP	Poorly graded SAND
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM
				SW-SC	Well-graded SAND with clay
	SP-SM	Poorly graded SAND with silt			
	SP-SC	Poorly graded SAND with clay			
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
		LIQUID LIMIT LESS THAN 50		SC	Clayey SAND
				ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
			OL	Organic SILT with low plasticity	
		HIGHLY ORGANIC SOILS		LIQUID LIMIT GREATER THAN 50	
	CH				Fat inorganic CLAY with moderate to high plasticity
	OH				Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☒

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☒

Color tan/yel (10YR 4/6) mottled w/ yel brn (10YR 5/8) and dk brn (7.5YR 3/3)

Odor _____

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Nick Hoffman

PG Registration # 7735

Additional Comments * Although no "fill" material was present, the unit above the unit sampled appears to have been reworked.

Location ID: DC-782			Subarea: 5A		Date Started: 6-12-13		Date Completed:			
Client: DOE			Project Name/ID: 89FL-65258-00376-1209-002-223-02234-SSPH3-Sm 12S12					Total Depth: 1st DPT=5.3 2nd DPT=5.0 3rd DPT=5.5		
Company Name: CDM SMITH			Drill Contractor/Driller: Strongarm						Depth Drilled into Bedrock: NA	
GPS collected? Yes or No			Drill Method: DPT							
Radiological Background: γ=12 αβ=81			Borehole diameter: 2.25							
PID Background: 0.0			Depth to GW: NA						Sampling Method: DPT sleeves	
Radiological Equipment Used:			PR Review & No: Mike Johnson #7735						Geologist: David Rojas	
☒ MicroR ☒ Alpha/Beta ☒ Pancake										

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
SAMPLE 0.0-0.5		0.5/0.5	0.0	12/94	SL-782	1030	SP/SM	SAND w/ SILT, lt brn (7.5YR 6/4) mottled w/ brn (7.5YR 5/4) and strong brn (7.5YR 5/6) fgm, pg, sr to sa, quartz compacted mod friable, dry, 5% concrete gravel - 1/2 c steel, silt angular, tr ant clay sewer pipe, ~10% silt
			0.0	10/54	SA5A-SB			
1			0.0	10/42				
2		3.3/3.5	0.0	10/54				SILTY SAND, brn (7.5YR 4/4) mottled w/ strong brn (7.5YR 5/6) and lt brn (7.5YR 6/4) fgm w/ few med gr, pg, sr to sa, quartz, mod compacted, laminated (2-4 mm) friable to mod friable, ~20% silt
3			0.0	10/48				
4			0.0	10/42			SP/SM	SAND w/ SILT, yel brn (10YR 5/6) mottled w/ lt yel brn (10YR 6/4) and strong brn (7.5YR 5/6) fgm w/ few med gr & tr ant coarse gr, pg, sr to sa, quartz mod compacted to compacted, sli friable, silt laminated, sli moist, ~10% silt
SAMPLE 1		1.5/1.5	0.0	10/48	SL-782	1040	SP	SAND, brn yel (10YR 5/6) mottled w/ brn (10YR 5/6) and tr ant strong brn (7.5YR 5/6) fgm, pg, sr to sa, quartz, mod compacted, sli to med laminated (2-6 mm) sli moist to moist, <5% silt
					SA5A-SB			
5								

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of __

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortez

Sample ID SL-782-SA5A-SB-0.0-0.5 Date/Time 6-12-13/ 1030

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Incores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Skews & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH ≤ 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH ≤ 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 5%

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

☒ Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other Clay sewer pipe

Is Staining Present Yes ☒ No

Color H. brown (7.5YR 4/4) mottled w/ brown (7.5YR 5/4) and strong brown (7.5YR 5/6)

Odor None

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments N/A

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. G. [Signature]

Sample ID SL-782-SA5A-SB-4.5-5.5

Date/Time 6-12-13/1040

Matrix (circle one)

Soil

Sediment

Water

Start Depth

4.5

End Depth

5.5

Depth Units (circle one)

Inches

Feet

Check if Composite ☐

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	<u>X</u>
	EPA 6020	<u>X</u>
	EPA 7471 (Soil)	<u>X</u>
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	<u>X</u>
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	<u>X</u>
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	<u>X</u>
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 16-oz jars & 2 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\geq 5\%$ FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL
			GC	Clayey GRAVEL	
		SAND WITH $\geq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color brn/yell (10YR 6/6) mottled w/ brn (10YR 5/3) and

Odor trans. strong brn (7.5YR 5/6)

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☐ Dry ☒ Moist ☐ Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments _____

N/A

Location ID: DG-783		Subarea: 5A		Date Started: 6-11-13		Date Completed:	
Client: DOE		Project Name/ID: ESFL-65258-09376.1203.002.223.02231.89PH3 B					
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm		Total Depth: 1st DPT = 3.0		2nd DPT = 3.0	
GPS collected? Yes or No		Drill Method: DPT		Depth Drilled into Bedrock: 3rd DPT = 3.0		NA	
Radiological Background: 8=12 at=91		Borehole diameter: 2.25		Sampling Method: DPT Sleeves		Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA		PG Review & No. Multi #7735			
Radiological Equipment Used:							
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	12/93	SL-783	1000	SM	SILTY SAND, yel brn (10YR 5/4) mottled w/ v pale brn (10YR 7/4) Fgn w/ tr ant med grn, pg, sr to sa, quartz, silt, sli to mod compacted, ~20% silt, tr to few org (roots) abrupt contact w/ unit below
1		0.0	10/54	10/72	SL-1183	1015	SM	
2		0.0	10/72				SM	SAND w/ SILT v pale brn (10YR 7/4) mottled w/ yel brn (10YR 5/4) Fgn, pg, sr to sa, quartz, mod compacted friable, laminated (2-4mm), ~10% silt
3		0.0	10/56				SM	SILTY SAND, yel (10YR 7/6) mottled w/ yel brn (10YR 5/4) + dk yel brn (10YR 4/4) Fgn, pg, sr to sa, quartz, mod compacted to compacted, mod hard to sli friable, dry, ~30% silt, tr ant org (roots)
							SM	SILTY SAND, A.A. except also mottled w/ strong brn (7.5YR 5/6) and is f-m grn, compacted, sli laminated, ~15% silt, tr ant clay, dk grey brn (2.5Y 4/2) stiff to sli soft, brittle, low plasticity, dry, present as lenticular blebs & lenses

Refusals @ 3.0, 3.0, & 3.0

NOTE
Depths
are correct
but not shown
@ correct loc.

**CDM
Smith**
BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. C. E.

Sample ID SL-783-SA5A-SB-0.0-0.5MS Date/Time 6-11-13/1000

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	☒
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315 ☒
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

6 DPT SS Sleeves & 2 9-oz jars

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq 5\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH BETWEEN 5% AND 15% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
				SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SM	Silty SAND
				SC	Clayey SAND
				ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
		LIQUID LIMIT GREATER THAN 50		OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color yellow brown (10YR 5/4) mottled w/ pale brown (10YR 7/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

V. G. E.

Sample ID

SL-1183-SA5A-SB-0.0-0.5

Date/Time

6-11-13 / 1015

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check If Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

PPA

FD

FB

RB

Parent Sample ID

SL-783-SA5A-SB-0.0-0.5MS

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	X
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves & 2 4oz jars

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL	
				GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
			GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL	
		SAND WITH * 5% FINES		GC	Clayey GRAVEL	
			SAND WITH * 5% FINES		SW	Well-graded SAND
					SP	Poorly graded SAND
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
					SW-SC	Well-graded SAND with clay
	SP-SM			Poorly graded SAND with silt		
	SP-SC			Poorly graded SAND with clay		
SAND WITH ≥ 15% FINES			SM	Silty SAND		
		SC	Clayey SAND			
	FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity	
			OL	Organic SILT with low plasticity		
LIQUID LIMIT GREATER THAN 50			MH	Elastic inorganic SILT with moderate to high plasticity		
			CH	Fat inorganic CLAY with moderate to high plasticity		
			CH	Organic SILT or CLAY with moderate to high plasticity		
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) NONE

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☐ No ☒

Color yellow (10YR 5/4) mottled w/ pale brown (10YR 7/4)

Odor

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature Mike Johnson

PG Registration # 7735

Additional Comments _____

Location ID: DG-784		Subarea: 5A		Date Started: 6-12-13		Date Completed:	
Client: DOE		Project Name/#: SSFL-65250-03376-1209-002-223-02234-SSPH3-SM 12512				Total Depth: 1st DPT = 2.6 2nd DPT = 2.9 3rd DPT = 3.4	
Company Name: CDM SMITH		Drill Contractor/Driller: Strong arm				Depth Drilled into Bedrock: NA	
GPS collected? Yes or No		Drill Method: DPT				Sampling Method: DPT sleeves	
Radiological Background: Y=13 αB=91		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used:		PG Review & No.:					
☒ MicroR ☒ Alpha/Beta ☒ Pancake		Mila Hoffman #7735					

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials	
1		0.3/0.5	0.0	13/94	SL-784	1445	SM	SILTY SAND, brn (7.5YR 4/4), Fgm w/tr and med gm, pg, sr to sa, quartz, dry, mod well compacted, mod laminated (2-4 mm) friable to mod friable	~20% silt
				10/54	SA5A-SB	0.0-0.5			
2		2.9/2.9	0.0	10/42			SM	SILTY SAND, yel brn (10YR 5/4) mottled w/strong brn (7.5YR 5/6) Fgm, pg, sr to sa, quartz, mod well compacted, sli laminated (2-6mm) friable, dry	1.8
				10/54					
3			0.0	10/30			SP/SM	SAND w/ SILT, lt olive brn (2.5Y 5/3) mottled w/olive brn (2.5Y 4/6) Fgm w/tr to Fgm and med gm, pg, sr to sa, quartz, mod well to well compacted, sli moist, < 5% silt; tr and clay dk gray brn (2.5Y 4/2) dispersed in sand, low plasticity, stiff, knittle decreasing w/depth	3.4
				10/60	SL-784	1455			
			0.0		SA5A-SB	2.5-3.5			

Refusal @ 2.6, 2.9, & 3.4

CDM Smith**BORING LOG AND SAMPLING RECORD**Page 1 of **1****ABBREVIATIONS:**

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortez

Sample ID SL-784-SA5A-SB-0.0-0.5 Date/Time 6-12-13 / 1445

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH ≤ 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH ≤ 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
			SC	Clayey SAND	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color brn (7.5YR 4/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Vicki Hoffman

PG Registration # 7735

Additional Comments NA

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

David R. Rojas

Sample ID SL-784-SA54-SB-2.5-3.5

Date/Time 6/12/13 14:55

Matrix (circle one)

Soil

Sediment

Water

Start Depth

2.5

End Depth

3.5

Depth Units (circle one)

Inches

Feet

Check If Composite ☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

N/A

Field Geologist

DAVID ROJAS

Sampler

VIDAL CORTES

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	<u>X</u>
	EPA 6020	<u>X</u>
	EPA 7471 (Soil)	<u>X</u>
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCS	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	<u>X</u>
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	<u>X</u>
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	<u>X</u>
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 16-oz JARS, 2 GLOVES

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\geq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\geq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- Asphalt Metal Plastic
- Concrete Wood Glass
- Igneous/Metamorphic Gravel ☒ N/A
- Other _____

Is Staining Present Yes ☒ No ☐

Color lt olive brn 2.5Y5/3 mottled w/ olive brn (2.5Y4/6)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

Dry ☒ Moist ☐ Wet

PG Signature *Willa Hoffman*

PG Registration # 7735

Additional Comments NA

Location ID: DC-785		Subarea: 5A		Date Started: 6-11-13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-65258-63376-4209-002-229-02231-SSPH3-SM (AS)				Total Depth: 1st DPT = 5.3 2nd DPT = 4.8 3rd DPT = 5.0	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA	
GPS collected? Yes or No		Drill Method: DPT				Sampling Method: DPT sleeves	
Radiological Background: 8-14 ab=102		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used:		PG Review & No.: <i>Muller #7735</i>					
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	14/114 10/74	SL-785 SA5A-SB 0.0-0.5	1405	SM	SILTY SAND, brn (7.5YR 5/4) Fgn, pg, sr to sa, quartz dry, sli to mod compacted, friable, ~30% silt
1			0.0	10/84				
2			0.0	10/72			SM	SILTY SAND, brn (7.5YR 4/4) mottled w/ strong brn (7.5YR 5/6), Fg w/ trace med grn, pg, sr to sa, quartz sli to mod compacted, friable ~20% silt
3			0.0	10/78			SM	grades into unit below between 1.8-2.0
4			0.0	10/72			SP	SILTY SAND, strong brn (7.5YR 5/6) mottled w/ red yel (7.5YR 6/6), Fgn, pg, sr to sa, quartz, compacted, laminated (2-4mm), friable, dry, ~20% silt
5			0.0	10/60				SAND, brn yel (10YR 6/6) mottled w/ yel brn (10YR 5/8) and strong brn (7.5YR 5/6) w/ trace med grn, pg (7.5YR 5/1), F-med grn w/ trace coarse grn, pg sr to sa, quartz, mod compacted to compacted, mod friable, few to some sandy clay blebs, stiff to hard, low plasticity, work , <5% silt
Refusals @ 5.3, 4.8, & 5.0								

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

V. C. K.

Sample ID SL-785-SA5A-SB-0.0-0.5

Date/Time 6-11-13/1405

Matrix (circle one)

Soil

Sediment

Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches

Feet

Check if Composite ☐

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH < 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH < 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No

Color bmm (7.5YR 5/4)

Odor

1. Odor Strength (circle one)
☒ None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments

N/A

Location ID: DG-786	Subarea: 5A	Date Started: 6-11-13	Date Completed:
Client: DOE		Project Name/ID: 68FL-65268-63376-1203.002.223.02234.SSPH3 FB	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm	
GPS collected? ☒ Yes or No		Drill Method: DPT	
Radiological Background: X=14 & Y=87		Borehole diameter: 2.25	
PID Background: 0.0		Depth to GW: NA	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		Sampling Method: DPT	
		Geologist: David Rojas	

SAMPLE
0.0-0.5

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5	0.5	0.0	14/125	91-786	132057		SM	SAND w/ SILT, brn (7.5YR 4/4), Fgm, pg, sr to sa, quartz, mod loose to sli compacted, dry, mod friable, some to common org (roots), ~10% silt
1	3.0	0.0	10/42	SA5A-SB				
2	3.4	0.0	10/66	0.0-0.5				SM SILTY SAND, dk yel brn (10YR 4/4) Fgm, pg, sr to sa, quartz, mod loose, sli compacted, dry, friable, ~30% silt
3		0.0	10/96				SM	SILTY SAND, strong brn (7.5YR 4/6) mottled w/ red yel (7.5YR 6/6) Fgm, pg, sr to sa, quartz, dry, mod compacted, ~20% silt, friable
		0.0	10/84				SM	SILTY SAND, brn (10YR 4/4) mottled w/ yel brn (10YR 5/6) and lt yel brn (10YR 6/4) Fgm w/ to and med grn pg, sr to sa, quartz, mod well to well compacted, laminated, mod friable to friable, dry, ~20% silt

Refusals @ 3.9, 3.8 & 3.8

**CDM
Smith****BORING LOG AND SAMPLING RECORD**

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

V. C. F.

Sample ID

SL-786-SA5A-SB-0.0-0.5

Date/Time

6-11-13

1320

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	<i>X</i>
	EPA 6020	<i>X</i>
	EPA 7471 (Soil)	<i>X</i>
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	<i>X</i>
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	<i>X</i>
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	<i>X</i>
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves & 14 oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color brn (7.5YR 4/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Will Hoffman

PG Registration # 7735

Additional Comments

N/A

Location ID: DG-787-82R		Subarea: 5A	Date Started: 6-11-13	Date Completed:
Client: DOE		Project Name/#: SSL-65258-63876-1203.002.223.02231:SSPH8 RB		
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm		Total Depth: 1st DPT = 9.2
GPS collected? (Yes) or No		Drill Method: DPT		2nd DPT = 8.7
Radiological Background: Y-13 αB-64		Borehole diameter: 2.25		Depth Drilled into Bedrock: 9.1
PID Background: 0.0		Depth to GW: NA		NA
Radiological Equipment Used:		PG Review & No.: Nick Hoffman, 7735		Sampling Method:
☒ MicroR ☒ Alpha/Beta ☒ Pancake				DPT Sleeves
				Geologist: David Rojas

SAMPLE
0.0-0.5

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5	0.0	13/92	SL-787 SA5A-SB 0.0-0.5	1230	SP/SM	SAND w/ SILT, brn (7.5YR 5/4), Fg, pg, sr to sa, quartz, dry, sli compacted, friable, few to some organics (roots) ~10% silt
1			0.0	10/36				
2		3.5/3.5	0.0	10/66			SP/SM	SAND w/ SILT, red brn (5YR 5/4) mottled w/ (5YR 4/4) Fg, pg, sr to sa, quartz, sli compacted, dry, sli to mod friable, tr to few ant org (roots), ~10% silt
3			0.0	10/72				
4			0.0	10/90			SM	SILTY SAND, strong brn (7.5YR 4/6) mottled w/ red yel (7.5YR 6/6), Fgm w/ few to some med qnz, pg, sr to sa, quartz, dry to sli moist, laminated (2-4mm) mod compacted, friable, becoming less laminated and more consolidated w/ depth, ~20% silt abrupt contacts w/ unit below
5		3/4	0.0	10/60				
6			0.0	10/66			SP	SAND, lt brn yel (10YR 6/4) mottled w/ yel brn (10YR 5/6) and strong brn (7.5YR 5/6), Fgm, pg, sr to sa, quartz, sli moist, mod loose to sli compacted, <5% silt
7			0.0	10/66				
8			0.0	10/66			SP	SAND, yel brn (10YR 5/6) mottled w/ pale brn (10YR 7/4) and brn (10YR 4/3), Fgm, pg, sr to sa, quartz, mod loose to sli compacted, sli moist, <5% silt, ~10% sandstone gravel, sr to angular, mod well consolidated, increasing in amount with depth, f to med-sized
9		1.2	0.0	10/66				

Referrals @ 9.2, 8.7, 9.1



BORING LOG AND SAMPLING RECORD

ABBREVIATIONS:				
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

V. Cortez

Sample ID

SL-787-SA5A-SB-0.0-0.5

Date/Time

6-11-13 / 1230

Matrix (circle one)

☒ Soil

☐ Sediment

☐ Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

☐ Inches

☒ Feet

Check if Composite ☐

Collection Method (circle one)

☒ DPT

☐ Slide Hammer

☐ Hand Auger/Slide Hammer

☐ Trenching

☐ Sediment

QC Type (circle one)

☒ N

☐ FD

☐ FB

☐ RB

Parent Sample ID

NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

	Parameters	Method	Analyze?
	Metals	EPA 6010	☒
		EPA 6020	☒
		EPA 7471 (Soil)	☒
		EPA 7470 (Water)	
	Fluoride	EPA 300.0/9056	
	SVOCs	EPA 8270	
	TIC	EPA 8270	
	PAHs	EPA 8270 SIM	☒
	1,4 Dioxane	EPA 8270 SIM	
	Dioxins	EPA 1613	☒
	PCBs/PCTs	EPA 8082	
	Perchlorate	EPA 314.0/331	
	Perchlorate Confirmation	EPA 6850/6860	
	pH	EPA 9045 (Soil)	☒
		EPA 9040 (Water)	
	Hexavalent Chromium	EPA 7196/7199	
	Herbicides	EPA 8151	
	Pesticides	EPA 8081	

	Parameters	Method	Analyze?
Encores	VOCs	EPA 8260	
	1,4 Dioxane	EPA 8260 SIM	
	TPH-GRO	EPA 8015	
	TPH-EFH	EPA 8015	☒
Sediment	Glycols	EPA 8015	
	Alcohols	EPA 8015	
	Terphenyls	EPA 8015	
	Nitrates	EPA 300.0/9056	
	Energetics	EPA 8330	
	Cyanide	EPA 9012	
	Formaldehyde	EPA 8315	
	NDMA	EPA 1625	
	Organotin	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630	

2 DPT SS Skewers / 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
			GC	Clayey GRAVEL	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
			SC	Clayey SAND	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☐ No ☒
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☐ No ☒

Color brn 7.5 YR 5/4

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature *Nick Hoffman*

PG Registration # 7735

Additional Comments _____

Location ID: DC-788	Subarea: 5A	Date Started: 6-11-13	Date Completed:
Client: DOE		Project Name/ID: SSFL-65258-63378-1203.002.223.02231-SSRH3 PB	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm	
GPS collected? (Yes) or No		Drill Method: DPT	
Radiological Background: 8-14 & 8-75		Borehole diameter: 2.25	
PID Background: 0.0		Depth to GW: NA	
Radiological Equipment Used:		PG Review & No.:	
☒ MicroR ☒ Alpha/Beta ☒ Pancake		Sampling Method: DPT Sleeves	
		Geologist: David Rojas	

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
SAMPLE 0.0-0.5		0.5/0.5	0.0	14/77	SL-788 SA5A-SB 0.0-0.5	1450	SP	SAND w/ SILT, brn (7.5YR 4/4) mottled w/ dk brn (7.5YR 3/2) fgn w/ tr and med grn pg, sr to sa, quartz, sli compacted, mod friable to friable, drpy, <10% silt
1		1.0/1.5	0.0	10/54			SP	SAND, brn yel (10YR 6/6) mottled w/ yel brn (10YR 5/4) and dk yel brn (10YR 4/4) f-m grn, pg, sr to sa, quartz, med compacted to compacted, sli friable to med hard, <5% silt
2			0.0	14/60			SP	SAND, v pale brn (10YR 7/4) mottled w/ lt yel brn (10YR 6/4) and yel brn (10YR 5/4) f-m grn w/ few coarse grn, pg, sr to sa, quartz, compacted, drpy, sli friable to med hard, tr to few units of sandstone gravel fine-sized med, mod well to well cemented, <5% silt

**CDM
Smith****BORING LOG AND SAMPLING RECORD**Page 1 of 1**ABBREVIATIONS:**

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortes

Sample ID SL-788-SA5A-SB-0.0-0.5 Date/Time 6-11-13/1450

Matrix (circle one)

Soil

Sediment

Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches

Feet

Check if Composite ☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	<u>X</u>
	EPA 6020	<u>X</u>
	EPA 7471 (Soil)	<u>X</u>
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	<u>X</u>
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	<u>X</u>
PCBs/PCTs	EPA 8082	<u>X</u>
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	<u>X</u>
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves & 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 40% FINES</u>		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND	
				SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
				SP-SM	Poorly graded SAND with silt	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH <u>≥ 15% FINES</u>		SM	Silty SAND	
				SC	Clayey SAND	
			LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
					CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity	
		LIQUID LIMIT GREATER THAN 50			MH	Elastic inorganic SILT with moderate to high plasticity
					CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color brown (7.5YR 4/4) mottled w/ dk brown (7.5YR 3/2)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments

N/A

Location ID: DG-789		Subarea: 5A		Date Started: 6-11-13		Date Completed: →	
Client: DOE		Project Name/#: SSFL-65258-63376-1203.002.223.02234-66PH3- PB				Total Depth: 1st HA = 6.0 2nd HA = 6.0	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA	
GPS collected? Yes or No		Drill Method: Slidehammer				Borehole diameter: 2.75	
Radiological Background: 8-14 8-81		Depth to GW: NA				Sampling Method: Slidehammer	
PID Background: 0.0		PB Review & No.				Geologist: David Rojas	
Radiological Equipment Used:							
☒ MicroR ☒ Alpha/Beta ☒ Pancake							
Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS
Description of Materials							
SAMPLE 0.0-0.5	0.5/10.5	0.0	14/91	SL-789	0900	SP	SAND w/ SILT, brn (7.5YR 5/4) Fg, w/ tr amt med grn, pg, sr to sa, quartz, dry, loose, few silty sand nodules sli compacted but friable, few to some org (roots) ~10% silt
	1	0.0	12/78	SL-789		SM	SILTY SAND, brn (7.5YR 5/4), A.A except only few org. (roots) & tr to few amt nodules of compacted sand & silty sand - mod friable, and more silt - ~20%
	2	0.0	12/42	SL-789		SM	SILTY SAND, red brn (5YR 4/4) Fg, pg, sr to sa, quartz, sli consolidated, dry, few amt of silty sand concretions, hard, ~20% silt
	3	0.0	12/48	SL-789		SM	SILTY SAND, strong brn (7.5YR 5/6) mottled w/ brn (7.5YR 4/4) Fg, pg, sr to sa, quartz, mod consolidated, dry, ~30% silt
	4	0.0	12/54	SL-789		SM	SILTY SAND, pinkish gray (7.5YR 4/6) mottled w/ brn (7.5YR 5/4) Fg, pg, sr to sa, quartz, sli consolidated, dry, ~20% silt
	5	0.0	12/66	SL-789		SM	SILTY SAND, strong brn (7.5YR 5/6) mottled w/ brn (7.5YR 4/4) Fg, pg, sr to sa, quartz, mod consolidated, dry, ~15% silt
6	0.0	12/78	SL-789	0930	SM	SILTY SAND, pinkish gray (7.5YR 4/6) mottled w/ brn (7.5YR 5/4) Fg, pg, sr to sa, quartz, sli consolidated, dry, ~20% silt	
6	0.0	12/90	SL-789	5.0-6.0	SM	SILTY SAND, strong brn (7.5YR 5/6) mottled w/ brn (7.5YR 4/4) Fg, pg, sr to sa, quartz, mod consolidated, dry, ~15% silt	

Referrals @ 6.0 & 6.0

**CDM
Smith****BORING LOG AND SAMPLING RECORD**

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. C. Jr.

Sample ID SL-789-SA5A-SA-0.0-0.5 Date/Time 6-11-13/0900

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐

DPT

☒ Slide Hammer

Collection Method (circle one)

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID

NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	☒
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 Slidehammer SS Sleeves & 2 4oz jars

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\geq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\geq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color brn (7.5YR 5/4)

Odor _____

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic ☐ Petroleum ☐ Chemical ☐

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature *Mike Johnson*

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

V. CTE

Sample ID SL-789-SA5A-SB-5.0-6.0

Date/Time 6-11-13 / 0930

Matrix (circle one)

Soil

Sediment

Water

Start Depth

5.0

End Depth

6.0

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger

Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	X
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 16-oz jars, 1 4oz jar & 2 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH <u>≤ 5% FINES</u>		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH BETWEEN 5% AND 15% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
				SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
SAND WITH ≥ 15% FINES			SP-SM	Poorly graded SAND with silt	
			SP-SC	Poorly graded SAND with clay	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS THAN 50</u>		SM	Silty SAND
				SC	Clayey SAND
				ML	Inorganic SILT with low plasticity
		LIQUID LIMIT <u>GREATER THAN 50</u>		CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color Strong brn (7.5YR 5/6) mottled w/ brn (7.5YR 4/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Mick Hoffman

PG Registration # 7735

Additional Comments Collected encases from sleeves but unable to collect complete sleeves due to lack of penetration w/ slidehammer sleeves so collected remaining samples from handauger

Location ID: DG-790		Subarea: 5A		Date Started: 6-13-13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-05250-03370-1203.002.223.02231-SSPH3 PB				Total Depth: 1st DPT = 3.7 2nd DPT = 3.8 3rd DPT = 3.9	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled Into Bedrock: NA	
GPS collected? Yes or No		Drill Method: DPT				Sampling Method: DPT Sleeves	
Radiological Background: $\gamma = 13$ $\alpha\beta = 96$		Borehole diameter: 2.25 in				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used:		PG Review & No.					
☒ MicroR ☒ Alpha/Beta ☒ Pancake		Miller # 7735					

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μ R/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	13/88	SL-790	1230	SP	SAND w/ SILT, brn (7.5YR 4/4) Fm pg, sr to sa, quartz, chpy, sli compacted to mod loose, friable, tr to few org (roots), ~10% silt
1			0.0	10/60	SA5A-SB	1340	SM	SILTY SAND, brn (7.5YR 4/4) mottled w/ strong km (7.5YR 4/6) and yel km (10YR 5/4) Fm w/ tr to few med grn, pg, sr to sa, quartz, mod well compacted, mod laminated (~2-5mm), mod friable to sli hard, chpy, ~20% silt
2		2.6/3.4	0.0	10/60				
3			0.0	10/72				
			0.0	10/100			SP/SM	SAND w/ SILT, yel km (10YR 5/6) mottled w/ brn (10YR 4/3) and strong km (7.5YR 5/8) Fm m grn, pg, sr to sa, quartz, compacted, mod hard to hard, chpy, ~10% silt, tr to few ants of clay, stiff, hard, vdk gray 7.5YR; mod laminated, tr to few org (roots)
Referrals @ 3.7, 3.8, & 3.9								

CDM Smith
BORING LOG AND SAMPLING RECORD
Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	ϕ : diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By John Halseth

Sample ID SL-790-SA5A-SB-0.0-0.5 Date/Time 6-13-13 / 1330 ^{RR} 1340

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler John Halseth

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeve & 1/4 oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINE		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
		SAND WITH ≥ 15% FINES		SP-SC	Poorly graded SAND with clay
				SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☐ No ☒
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	☒ N/A	
Other _____		

Is Staining Present Yes ☐ No ☒

Color 6m(7.5YR 4/4)

Odor

1. Odor Strength (circle one)
None ☒ Slight ☐ Strong ☐

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

Dry ☒ Moist ☐ Wet ☐

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

Location ID: DC-791		Subarea: 5A		Date Started: 6-13-13		Date Completed:	
Client: DOE		Project Name/ID: SSF-65258-63376-1203.002.223.02231.39PH3 FB				Total Depth: 1st DPT = 1.9 2nd DPT = 1.8 3rd DPT = 1.8	
Company Name: CDM SMITH		Drill Contractor/Driller: Strong arm				Depth Drilled into Bedrock: NA	
GPS collected? Yes or No		Drill Method: DPT				Sampling Method: DPT sleeves	
Radiological Background: Y = 13 AB = 80		Borehole diameter: 2.25				Geologist:	
PID Background: 0.0		Depth to GW: NA				PG Review & No. #7735	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	13/83 10/60	SA-791 SASA-SB 0.0-0.5	1300	SM	SILTY SAND, brn (7.5YR 5/4) f-m pg, sr to sa, quartz, loose to sli compacted, dry, few to some org (roots) decreasing w/depth, ~30% silt
0.5-1.0		1.2/1.4	0.0	10/54			SM	SILTY SAND, brn (7.5YR 4/4) f-m pg, sr to sa, quartz, loose to med compacted, dry, to org (roots), ~20% silt
1.0-1.5			0.0	10/60			SP	SAND, pale brn (10YR 6/3) mottled w/grayish brn (10YR 5/2) f-m gn pg, sr to sa, quartz, compacted, dry, <5% silt some silty sand nodules, sli indurated, sli to med friable
Refusals @ 1.9, 1.8, 1.8								

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By John Halseeth

Sample ID SL-791-SA5A-SB-0.0-0.5 Date/Time 6-13-13 / 1300

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
End Depth 0.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐ Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler John Halseeth

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☐
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
Sediment	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves & 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
	SP-SC		Poorly graded SAND with clay		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) NONE

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color brn (7.5YR 5/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature _____ PG Registration # _____

Additional Comments NA

Location ID: DC-792		Subarea: 5A		Date Started: 6-13-13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-65260-03376-1203.002.223.02231.SSPH3 PB					
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm					
GPS collected? ☒ Yes or No		Drill Method: DPT					
Radiological Background: X=13 Y=77		Borehole diameter: 2.25					
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used:		PG Review & No					
☒ MicroR ☒ Alpha/Beta ☒ Pancake		Null off from #7735					
		Sampling Method: DPT Sleeves					
		Geologist: David Rojas					

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
		0.5/0.5	0.0	13/99	SL-792	1005	SP	SAND w/ SILT, brn (7.5YR 4/4) mottled w/ yel brn (10YR 5/6), f-gm w/te med gm, pg, sr to sa, quartz, sli to med compacted, 0.5
		0.0	0.0	10/48	SA 5A-SB			dry, tu to few amt sandstone gravel F-coarse sized
1		0.6	10/72				SP	hard, med well cemented, ~10% silt
								SAND w/ SILT, brn (10YR 5/6) mottled w/ yel brn (10YR 5/6), f-m gm, pg, sr to sa, quartz, med well compacted, friable, dry
2		0.0	10/96					
		0.0	10/84				SP	SAND, lt yel brn (10YR 6/4) mottled w/ yel brn (10YR 5/6) and strong brn (7.5YR 5/6) Fg, pg, sr to sa, quartz, med compacted, sli to med friable, tu to few amt of sandy claystone gravel, F-sized, sa to angular, hard, sli friable, dk gray (5Y 4/1); dry
								Refusals @ 2.8, 2.6, & 2.6' b/s

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By John Halseth

Sample ID SL-792-SA5A-SB-0.0-0.5 Date/Time 6-13-13 / 1005

Matrix (circle one)	Start Depth <u>0.0</u>	Depth Units (circle one)
☒ Soil ☐ Sediment ☐ Water	End Depth <u>0.5</u>	Inches ☒ Feet

Check If Composite ☐ Collection Method (circle one)

☒ DPT Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)

☒ N FD FB RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler John Halseth

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\geq 5\%$ FINES		GW	Well-graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL	
				GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
			GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL	
		SAND WITH $\geq 5\%$ FINES		GC	Clayey GRAVEL	
				SW	Well-graded SAND	
				SP	Poorly graded SAND	
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
					SW-SC	Well-graded SAND with clay
					SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH $\geq 15\%$ FINES		SM	Silty SAND	
			SC	Clayey SAND		
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity	
			CH	Fat inorganic CLAY with moderate to high plasticity		
	CH		Organic SILT or CLAY with moderate to high plasticity			
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

- Is Fill Material Present Yes ☐ No ☒
- Percentage Fill (%) None
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	☒ N/A	
Other _____		

Is Staining Present

Color brn (7.5YR 4/4) ☒ Yes ☐ No mottled w/ yel brn (10YR 5/6)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
 Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Mike Hoffmann

PG Registration # 7735

Additional Comments NA

Location ID: DG-793		Subarea: 5A		Date Started: 6-13-13		Date Completed:	
Client: DOE		Project Name/#: SRF-65268-02276-1202-002-223-02201-SSPH3 PB				Total Depth: 1st DPT = 3.3 2nd DPT = 3.3 3rd DPT = 3.1	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock:	
GPS collected? Yes or No		Drill Method: DPT				Borehole diameter: 2.25	
Radiological Background: Y=14-40=91		Depth to GW: NA				Sampling Method: DPT	
PID Background: 0.0		PG Review & No: Null				Geologist: David Rojas	
Radiological Equipment Used:							
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		0.5	0.0	14/92	SL-793	1100	SM	SILTY SAND, brn (7.5YR 5/4) fgm, pg, sr to sa, quartz, loose, dry, ~30% silt
		0.5	0.0	10/66	SA5A-SB		SM	
					0.0-0.5			
2			0.0	10/48				SILTY SAND, strong brn (7.5YR 4/6) fgm, pg, sr to sa, quartz, mod loose, sli compacted, dry, ~20% silt, tr to few units of sandstone gravel - F sized, hard, well cemented, sr to sa,
3			0.0	10/54				
			0.0	10/66			SP	SAND, strong brn (7.5YR 5/6) mottled w/ brn (7.5YR 4/4) and v pale brn (10YR 7/4), fgm, pg, sr to sa, quartz, mod to well compacted, sli laminated, < 5% silt, sli moist

Refusals @ 3.3, 3.3, & 3.1

**CDM
Smith****BORING LOG AND SAMPLING RECORD**Page 1 of 1**ABBREVIATIONS:**

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By John Halseth

Sample ID SL-793-SA5A-SB-0.0-0.5 Date/Time 6-13-13/1100

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler John Halseth

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Endores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No

Color brn (7.5YR5/4)

Odor

1. Odor Strength (circle one)
☒ None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature Vincent Hoffman

PG Registration # 7735

Additional Comments NA

Location ID: DG-795		Subarea: 5A		Date Started: 6-13-13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-65268-03376.1203.002.223.02231.SSPH3 FB				Total Depth: 1st DPT = 1.7 2nd DPT = 1.9 3rd DPT = 1.9	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock:	
GPS collected? ☒ Yes or No		Drill Method: DPT				NA	
Radiological Background: Y = 13 18 = 85		Borehole diameter: 2.25				Sampling Method:	
PID Background: 0.0		Depth to GW: NA				DPT Sleeves	
Radiological Equipment Used:		PG Review & No. Miller 7735				Geologist: David Rojas	
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	13/69	SL-795 SSA-SB 0.0-0.5	0920	SP	SAND w/ SILT, brn (7.5YR 5/4) Fgm, pg, sr to sa, quartz mod loose to slt compacted, chpy; Few to some org (roots) ~10% silt
1		1.1/1.4	0.0	10/60			SM	SILTY SAND, yel brn (10YR 5/4) Fgm, pg, sr to sa, quartz loose, chpy, tr to few org (roots), ~40% silt, moderate content with unit below
1.9			0.0	10/66			SP	SAND, 10YR 6/6 brn yel mottled w/ yel brn (10YR 5/8) F-m gm w/ tr ant coarse gm, pg, sr to sa, quartz, mod loose becoming compacted w/ depth; < 5% silt, tr to few sandstone gravel increasing w/ depth, F gravel chpy

Refusals @ 1.7, 1.9, & 1.9' bbs

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By John Halseth

Sample ID SL-795-SA5A-SB-00.0.5 Date/Time 6-13-13/0920

Matrix (circle one)
☒ Soil Sediment Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)
☒ N FD FB RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler John Halseth

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH ≤ 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH ≤ 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No

Color brn (7.5YR 5/4)

Odor

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments

Location ID: DG-811		Subarea: 5A		Date Started: 6-5-13		Date Completed:	
Client: DOE		Project Name/ID: S6FL-66269-63376-1203.002-223.02231-86PH3- SM 12512				Total Depth: 1st DPT = 6.9 2nd DPT = 6.4 3rd DPT = 6.7 2nd DPT = 6.5	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA	
GPS collected? ☒ Yes ☐ No		Drill Method: DPT				Sampling Method: DPT sleeves	
Radiological Background: 8 = 13 α = 88		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used:		PG Review & No.:					
☒ MicroR ☒ Alpha/Beta ☒ Pancake		Will Hoffman #7735					

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μ R/cpm)	Sample Name	Sample Time	USCS	Description of Materials
SAMPLE 0.0-0.5		0.5/0.5	0.0	13/80	SL-811	0845	SM	SILTY SAND, brn (7.5YR 5/4) fgm, pg, sr to sa, quartz, chpy, loose, to amt drg (roots), ~40% silt
			0.0	10/48	SA5A-SB			
1		2.5/2.5	0.0	10/54				
2			0.0	10/54			SM	SILTY SAND, brn (7.5YR 4/4) mottled w/ strong brn (7.5YR 5/6) fgm, pg, sr to sa, quartz, mod well consolidated, to amt med grn sd, ~30% silt, dry
3			0.0	10/96			SM	SILTY SAND, strong brn (7.5YR 4/6) mottled w/ brn (7.5YR 5/4) fgm, pg, sr to sa, quartz, mod well laminated w/ lamination ~2mm thick, mod well consolidated, dry, ~30% silt
4		3.2/3.2	0.0	10/96			SM	SILTY SAND, strong brn (7.5YR 4/6) mottled w/ brn (7.5YR 5/4) yel red (5YR 4/6) fgm, pg, sr to sa, quartz, dry, compacted, to amt med grn sd, ~20% silt
5		4.0	0.0	10/96			SP	SAND, brn yel (10YR 4/6) mottled w/ yel brn (10YR 5/8) v dk brn (10YR 3/2), fgm, pg, sr to sa, quartz, mod compacted, dry, <5% silt
SAMPLE 5.5-6.5			0.0	10/96	SL-811	0900		
			0.0	10/94	SA5A-SB			
			0.0	10/94	5.5-6.5			
								Refusals @ 6.9, 6.4, 6.7, & 6.5

Will Hoffman

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	ϕ : diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. G. J.

Sample ID

SL-811-SA5A-SB-0.0-0.5

Date/Time

6-5-13 / 0845

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite ☐

DPT

Slide Hammer

Collection Method (circle one)

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	<u>X</u>
	EPA 6020	<u>X</u>
	EPA 7471 (Soil)	<u>X</u>
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	<u>X</u>
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	<u>X</u>
PCBs/PCTs	EPA 8082	<u>X</u>
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	<u>X</u>
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 <u>X</u>
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME		
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL		
				GP	Poorly graded GRAVEL		
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt		
				GW-GC	Well-graded GRAVEL with clay		
				GP-GM	Poorly graded GRAVEL with silt		
				GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL		
				GC	Clayey GRAVEL		
		SAND WITH * 5% FINES		SW	Well-graded SAND		
				SP	Poorly graded SAND		
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt		
				SW-SC	Well-graded SAND with clay		
	SP-SM		Poorly graded SAND with silt				
	SP-SC		Poorly graded SAND with clay				
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH ≥ 15% FINES		SM	Silty SAND		
				SC	Clayey SAND		
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity		
				CL	Lean inorganic CLAY with low plasticity		
				OL	Organic SILT with low plasticity		
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity		
				CH	Fat inorganic CLAY with moderate to high plasticity		
				OH	Organic SILT or CLAY with moderate to high plasticity		
			HIGHLY ORGANIC SOILS				PT

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color brn (7.5YR 5/4)

- Odor
1. Odor Strength (circle one)
- ☒ None ☐ Slight ☐ Strong
2. Odor Description (circle one)
- Organic ☐ Petroleum ☐ Chemical ☐
- ☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Carter

Sample ID SL-811-SA5A-SB-5.5-6.5 Date/Time 6-5-13/ 0900

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 5.5
 End Depth 6.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 16oz jar, 1 4-oz jar, & 2 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\geq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\geq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color brn yel (10YR 6/6) mottled w/ yel brn (10YR 5/6)

Odor sl v l k brn (10YR 7/2)

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

Location ID: DC-813		Subarea: 5A		Date Started: 6-5-13		Date Completed:	
Client: DOE				Project Name/#: SSFL-65268-63376-1203-002-223-02231-SSRH3. SIN 12512		Total Depth: 1st DPT = 2.5 2nd DPT = 3.7 3rd DPT = 3.8	
Company Name: CDM SMITH				Drill Contractor/Driller: Strongarm		Depth Drilled into Bedrock: NA	
GPS collected? ☒ Yes or No				Drill Method: DPT			
Radiological Background: 8-14-98				Borehole diameter: 2.25			
PID Background: 0.0				Depth to GW: NA		Sampling Method: Slide hammer	
Radiological Equipment Used:				PG Review & No: Mula #7735		Geologist: David Rojas	
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
	0.5	0.5	0.0	13/90	SL-B13	0945	SM	SILTY SAND, brn (7.5YR 4/4) Fgn, pg, sr to sa, quartz, loose, to amt med gun sd, 30% silt some arg (roots) becoming sli consolidated w/ depth
	2.0	2.0	0.0	10/30	SA5A-SB		SM	SILTY SAND strong brn (7.5YR 4/6) mottled w/ brn (7.5YR 5/4) Fgn w/ amt med gun, pg, sr to sa, quartz, mod well consolidated, laminated w/ laminae ~ 3-4mm thick, dry
	10.0	10.0	0.0	10/54			SP	SAND w/ SILT, pale brn (10YR 7/4) mottled w/ strong brn (7.5YR 5/6) + to red (2.5YR 5/6) Fgn, pg, sr to sa, quartz, dry, mod well consolidated From 1.7-2.2 then med loose, some sli laminations From 1.7-2.2, dry.
	10.0	10.0	0.0	10/60				Refusals @ 2.5, 2.7 + 2.8

SAMPLE
0.0-0.5

**CDM
Smith**

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. G. F.

Sample ID SL-813-SA5A-SB-0.0-0.5 Date/Time 6-5-13/0945

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)

DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SSSleeves & 1 Horizon

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
			GC	Clayey GRAVEL	
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
			LIQUID LIMIT LESS THAN 50		ML
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
			CH	Fat inorganic CLAY with moderate to high plasticity	
	OH		Organic SILT or CLAY with moderate to high plasticity		
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☐ No ☒
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other | | |

Is Staining Present Yes ☐ No ☒ brn (7.5YR 4/4)

- Color brn (7.5YR 4/4)
- Odor
1. Odor Strength (circle one) ☒ None ☐ Slight ☐ Strong
2. Odor Description (circle one)
- Organic ☐ Petroleum ☐ Chemical ☐
- ☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature *Mike Hoffman*

PG Registration # 7735

Additional Comments _____

Location ID: DG-814		Subarea: 5A		Date Started: 6-5-13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-65250-60076-4203-002-223-02234-SSPH3				Total Depth: 1st DPT=5.0 2nd DPT=5.2 3rd DPT=5.4	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA	
GPS collected? ☒ Yes ☐ No		Drill Method: DPT				Sampling Method: DPT sleeves	
Radiological Background: Y=13 X=87		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used:		Borehole Review & No. 7735					
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	13/83	SL-814	1025	SM	SILTY SAND, bms (7.5YR 5/4) fgn, pg, sr to sa, loose, dry, to med gn, some org (roots) ~30% silt
1.2		3/3.5	0.0	10/46			SM	SILTY SAND + strong bms (7.5YR 4/6) mottled w/ dk bms (7.5YR 3/4) fgn, pg, sr to sa, quartz, dry, loose, to med org (roots) ~40% silt
2.5			0.0	10/60			SM	SILTY SAND bms (7.5YR 5/4) mottled w/ strong bms (7.5YR 4/6) & lt bms (7.5YR 6/3) fgn, pg, sr to sa, to to few med gn, sli to med laminations ~2mm thick, sli compacted but med friable, ~20% silt
4.0			0.0	10/90			SM	SAND w/ SILT, yel bms (10YR 5/4) mottled w/ yel bms (10YR 5/6) & dk yel bms (10YR 4/4) fgn w/ few to some med gn, pg, sr to sa, quartz, sli laminations mod well compacted, sli friable, dry, ~70% silt
5.4			0.0	10/42				Refused @ 5.0, 5.2 & 5.4

CDM Smith BORING LOG AND SAMPLING RECORD Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. G. F.

Sample ID SK-814-SASA-SB-0.0-0.5 Date/Time 6-5-13 1025

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist DAVID ROSAS

Sampler VIDAL CORTES

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
SAND WITH ≥ 15% FINES			SP-SM	Poorly graded SAND with silt	
			SP-SC	Poorly graded SAND with clay	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY			SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
	OH		Organic SILT or CLAY with moderate to high plasticity		
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present Yes ☐ No ☒
- Percentage Fill (%) None
- Fill Description (circle all that apply)

Asphalt Metal Plastic
 Concrete Wood Glass
 Igneous/Metamorphic Gravel ☒ N/A
 Other _____

Is Staining Present Yes ☐ No ☒
 Color brn (7.5YR 5/4)

- Odor _____
- Odor Strength (circle one)

☒ None Slight Strong
 - Odor Description (circle one)

Organic Petroleum Chemical
☒ N/A Other _____

Moisture Condition (circle one)
☒ Dry Moist Wet

PG Signature *Mike Hoffman*

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortes

Sample ID SL-014-SA5A-SB-4.0-5.0 Date/Time 6-5-13/1040

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 4.0
 End Depth 5.0

Depth Units (circle one)
 Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015 ☒
	TPH-EFH	EPA 8015 ☒
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 16oz jars, 1 4oz jar, & 2 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present

Yes ☒ No ☐

Color yellow (10YR 5/4) mottled w/ yellow (10YR 5/6)

Odor slight yellow (10YR 5/4)

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic ☐ Petroleum ☐ Chemical ☐

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

Location ID: DG-815		Subarea: 5A		Date Started: 5/31/13		Date Completed:	
Client: DOE		Project Name/ID: SSSL-65265-53376.1203.002.223.02231.SSPH3- ^{sin} 12512				Total Depth: 1st DPT 7.8 2nd DPT 7.0 3rd DPT 7.0	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm		Drill Method: DPT		Depth Drilled into Bedrock: NA	
GPS collected? (Yes) or No		Radiological Background: X=14 Y=87		Borehole diameter: 2.25		Sampling Method: DPT sleeves	
PID Background: 0.0		Depth to GW: NA		Geologist: David Rojas			
Radiological Equipment Used:		PG Review & No. #7735					
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5	0.5	0.5	0.0	14/79 11/42	SL-815 SL-815-SB 0.0-0.5	0835	SM	SILTY SAND, brn (7.5YR 4/3) VF-f grn, mod pg, sr to sa, quartz, dry, loose, 40% silt, to a few med coarse grained, few to some organics (roots) sa to angular
1			0.0	11/54				
2	2.5	3.5	0.0	11/60			SM	SILTY SAND, brn (7.5YR 5/4) VF-f grn, pg, sr to sa, quartz, dry, loose, 50% silt, to med to coarse grn - sa to angular to org (roots) large root ~1/2" dia @ 3.0
3			0.0	11/66			SP/SM	SAND/SILTY SAND, strong brn (7.5YR 5/6) mottled w/ brn (7.5YR 4/4) VF-med grn, mod wg, sr to sa, quartz, loose to slightly consolidated, ~20% silt to med to coarse grn sa to angular, dry
4			0.0	11/72			SP/SM	SAND/SILTY SAND, strong brn (7.5YR 5/6) mottled w/ dk brn (7.5YR 3/4) VF-f grn, mod pg, sr to sa, quartz, mod consolidated, sli laminated, 30% silt, dry
5	3.2	3.8	0.0	11/60			SW	SAND/SILTY SAND yel brn (10YR 5/6) mottled w/ brn (10YR 4/3) VF-med grn, mod wg, sr to sa, quartz, mod consolidated, 20% silt, dry
6			0.0	11/78			SW	SAND, lt yel brn (10YR 6/4) mottled w/ brn yel (10YR 5/8) & brn (10YR 4/3) VF to med grn with to coarse grn, sli silty sr to sa w/ to some angular, quartz, well consolidated, dry, 10% silt
7			0.0	11/72				
7.8								Refusals @ 7.8, 7.4, & 7.4

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Gtz

Sample ID SL-815-SA5A-SB-0.0-0.5 Date/Time 5/31/13 0835

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☐ Feet ☒

Check If Composite ☐ Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT sleeves & 40z jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) 0

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color Brown (7.5 YR 4/3)

Odor

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature _____ PG Registration # _____

Additional Comments _____

Location ID: DC-819	Subarea: 5A	Date Started: 5/30/13	Date Completed:
Client: DOE		Project Name/ID: SSFL-03260-03376-1200-002-223-02234-00PH3-1313	Total Depth: 1st DPT - 7.7 2nd DPT - 7.0 3rd DPT - 7.0
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm	Depth Drilled into Bedrock: NA
GPS collected? Yes or No		Drill Method: DPT	Sampling Method: DPT sleeves
Radiological Background: X=14 Y=68		Borehole diameter: 2.25	Geologist: David Rojas
PID Background: 00		Depth to GW: NA	
Radiological Equipment Used:		PG Review & No.:	
☒ MicroR ☒ Alpha/Beta ☒ Pancake			

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	14/90	SL-819 SA5A-SB 0.0-0.5	1430	ML SANDY SILT	SILTY SAND, brn (7.5YR 7/4), vf to fgn, pg, sr to sa, quartz, dry, loose, 60% silt
1		3.5/3.5	0.0	10/48				
2			0.0	10/48				SM SILTY SAND, strong brn (7.5YR 4/6) mottled w/ dk brn (7.5YR 3/4) vf to fgn, to med gw, mod pg, sr to sa, quartz, dry, loose, 40% silt
3			0.0	10/54				SM SILTY SAND, dk brn (7.5YR 3/4) mottled w/ strong brn (7.5YR 4/6) vf to fgn, to med gw, mod pg, sr to sa, quartz, sli to mod consolidated, 30% silt
4			0.0	10/60				SM SILTY SAND, dk brn (7.5YR 3/4) mottled w/ strong brn (7.5YR 4/6) vf to fgn, to med gw, mod pg, sr to sa, quartz, consolidated, laminated, 30% silt
5		3.7/3.7	0.0	10/54				SM SILTY SAND, NA but only mod laminated & sli consolidated
6			0.0	10/48				SM SILTY SAND, brn (7.5YR 5/4) mottled w/ strong brn (7.5YR 4/6) vf to fgn to med gw, mod pg, sr to sa, quartz, 30% silt, dry sli consolidated
6.5-7.5			0.0	10/32	SL-819 SA5A-SB 6.5-7.5	1445		SM SANDY SILT & SILTY SAND, vel brn (10YR 5/4) mottled w/ dk vel brn (10YR 4/6) vf to med gw, mod pg, sr to sa, quartz, dry, laminated, mod to well consolidated except 6.5-7.2 which is only sli laminated & brn yellow (10YR 6/8) 20% silt
			0.0	10/54				

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Gtz

Sample ID SL-819-SA5A-SB-0.0-0.5 Date/Time 5/30/13 1430

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check If Composite ☐ Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT sleeves & 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
				SP-SM	Poorly graded SAND with silt	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH $\geq 15\%$ FINES		SP-SC	Poorly graded SAND with clay	
				SM	Silty SAND	
				SC	Clayey SAND	
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
			LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
					CH	Fat inorganic CLAY with moderate to high plasticity
					OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) 0
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color BROWN (7.5 YR 5/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic ☐ Petroleum ☐ Chemical ☐

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature *Maria Hoffmann*

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Carter

Sample ID SL-819-SASA-SB-6.5-7.5 Date/Time 5/30/13 1445

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 6.5

End Depth 7.5

Depth Units (circle one)

Inches ☐ ☒ Feet

Check If Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID N/A

Field Geologist DAVID ROJAS

Sampler VIDAL CORTES

Analysis

	Parameters	Method	Analyze?
Metals		EPA 6010	X
		EPA 6020	X
		EPA 7471 (Soil)	X
		EPA 7470 (Water)	
Fluoride		EPA 300.0/9056	
SVOCs		EPA 8270	
TIC		EPA 8270	
PAHs		EPA 8270 SIM	X
1,4 Dioxane		EPA 8270 SIM	
Dioxins		EPA 1613	X
PCBs/PCTs		EPA 8082	
Perchlorate		EPA 314.0/331	
Perchlorate Confirmation		EPA 6850/6860	
pH		EPA 9045 (Soil)	X
		EPA 9040 (Water)	
Hexavalent Chromium		EPA 7196/7199	
Herbicides		EPA 8151	
Pesticides		EPA 8081	

	Parameters	Method	Analyze?
Endores	VOCs	EPA 8260	
	1,4 Dioxane	EPA 8260 SIM	
	TPH-GRO	EPA 8015	X
	TPH-EFH	EPA 8015	X
	Glycols	EPA 8015	
	Alcohols	EPA 8015	
	Terphenyls	EPA 8015	
	Nitrates	EPA 300.0/9056	
	Energetics	EPA 8330	
	Cyanide	EPA 9012	
Sediment	Formaldehyde	EPA 8315	
	NDMA	EPA 1625	
	Organotin	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630	

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS</u> THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT <u>GREATER</u> THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) 0
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other | | |

Is Staining Present Yes ☒ No ☐

Color Y.L. Brown (10YR 5/4) mottled w/ DARK Y.L. Brown (10YR 4/6) & BR Y.L.

Odor (10YR 6/6)

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic ☐ Petroleum ☐ Chemical ☐

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments _____

Location ID: DG-022		Subarea: 5A		Date Started: 6-17-13		Date Completed: 6-17-13	
Client: DOE		Project Name/ID: SSFL 65258, 63376, 1203, 002, 223, 02231, SSFH3, MB				Total Depth: 1st DPT = 7.2 2nd DPT = 7.2 3rd DPT = 7.1	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA	
GPS collected? Yes or No		Drill Method: DPT				Sampling Method: DPT Sleeves	
Radiological Background: Y = 13 98-90		Borehole diameter: 2.25 inches				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA				PG Review & No: Mike Hoffman 7735	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		Description of Materials Moved to new location ~8' south of proposed location to be beyond tree canopy.					
Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS
SAMPLE 0.0-0.5	0.5	0.0	13/93	SL-822	1435	SM	brown SILTY SAND, (7.5YR 4/3), F.gm, pg, sr to sa, quartz, dry, mod friable to friable mod loose to sli compacted, tr to few amt org (roots) ~30% silt
	0.5	0.0	10/54	SASA-SB			
1	3.5	0.0	10/42				
2	3.5	0.0	10/66			SM	1.8 SILTY SAND, brn (7.5YR 4/4) mottled w/ (7.5YR 5/4), F.gm, tr amt med grained, pg, sr to sa, quartz, dry, mod well compacted, mod friable to friable, mod laminated (2-4mm), ~20% silt
3		0.0	10/90				
4		0.0	10/70			SM	3.5 SILTY SAND, A.A except only sli compacted and friable.
5	3.0	0.0	10/60				
6	3.2	0.0	10/48			SP SM	5.7 SAND w/ SILT, dk gel brn (10YR 4/4) mottled w/ brn (10YR 5/3) F.gm, tr amt med gw, mod well compacted, mod friable to hard, mod laminated (~2-5mm), dry ~10% silt
7		0.0	10/72				7.2 Refusal @ 7.2, 7.2, & 7.1

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By Y. CAE

Sample ID SL-822-SA5A-SB-0.0-0.5 Date/Time 6-17-13/1435

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves & 14-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME		
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL		
				GP	Poorly graded GRAVEL		
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt		
				GW-GC	Well-graded GRAVEL with clay		
				GP-GM	Poorly graded GRAVEL with silt		
				GP-GC	Poorly graded GRAVEL with clay		
		GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL		
				GC	Clayey GRAVEL		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND	
					SP	Poorly graded SAND	
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
					SW-SC	Well-graded SAND with clay	
				SP-SM	Poorly graded SAND with silt		
				SP-SC	Poorly graded SAND with clay		
SAND WITH $\geq 15\%$ FINES			SM	Silty SAND			
			SC	Clayey SAND			
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity		
				CL	Lean inorganic CLAY with low plasticity		
				OL	Organic SILT with low plasticity		
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity		
				CH	Fat inorganic CLAY with moderate to high plasticity		
				CH	Organic SILT or CLAY with moderate to high plasticity		
			HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color brn (7.5YR 4/3)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

Location ID: DG-823		Subarea: 5A	Date Started: 6-17-13	Date Completed: 6-17-13
Client: DOE		Project Name/ID: SSFL-05255-03376.1203.002.220.02291.SSPH3		Total Depth: 1st DPT = 10.9
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm		2nd DPT = 10.9
GPS collected? ☒ Yes ☐ No		Drill Method: DPT		Depth Drilled into Bedrock: 10.9
Radiological Background: Y=12 X=82		Borehole diameter: 2.25		NA
PID Background: 0.0		Depth to GW: NA		Sampling Method: DPT Sleeves
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		PG Review & No: Mike Hoffman #7735		Geologist: David Rojas

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
SAMPLE 0.0-0.5		0.5/0.5	0.0	12/100	SL-823 SASSA-SB 0.0-0.5	1005	SM	SILTY SAND, brn (7.5YR 5/4), Fgnw, pg, sr to sa, quartz dry, sli to mod compacted (more compacted w/ depth), friable to mod friable (less friable w/ depth) Few to some org (roots) ~30% silt
1			0.0	10/42				
2		35/35	0.0	10/66				
3			0.0	10/60			SM	SILTY SAND, brn (7.5YR 4/4) mottled w/ strong brn (7.5YR 4/6), Fgnw, pg, sr to sa, quartz, mod well to well compacted, sli friable to mod friable, laminated (2-4 mm), 20% silt, dry
4			0.0	10/48			SM	SILTY SAND, strong brn (7.5YR 4/6) mottled w/ dk brn (7.5YR 3/4), Fgnw, pg, sr to sa, quartz, mod well to well compacted, sli to mod friable, laminated (2-4 mm) ~20% silt, dry to sli moist.
5		32/40	0.0	10/60				
6			0.0	10/54			SC	CLAYEY SAND, dk yel brn (10YR 3/4) mottled w/ yel brn (10YR 5/8) and brn (10YR 5/3), F-m gwn w/ trant coarse gwn, pg, sr to sa, quartz, well compacted, sli laminated, clay is dispersed in sand, low plastic, stiff, mod hard but sli brittle; unit is sli moist ~30% clay
7			0.0	10/84				
8			0.0	10/96			SM	SAND w/ SILT, yel brn (10YR 5/6) mottled w/ brn yel (10YR 4/6) Fgnw, pg, sr to sa, quartz, mod compacted, sli moist, to brn clay dispersed in unit & present as clayey sand blebs.
9		29/29	0.0	10/66			SC	CLAYEY SAND, same as unit from 5.5-7.2 except also mottled w/ strong brn (7.5YR 5/8) and only ~20% clay
10			0.0	10/72				

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 2

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cort

Sample ID SL-B23-SA5A-SB-0.0-0.5 Date/Time 6-17-13/ 1005

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- Asphalt Metal Plastic
- Concrete Wood Glass
- Igneous/Metamorphic Gravel ☒ N/A
- Other _____

Is Staining Present Yes ☒ No ☐

Color brown (7.5YR 7/4)

Odor _____

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A

Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

Location ID: DC-824		Subarea: 5A		Date Started: 6-17-13		Date Completed: 6-17-13	
Client: DOE		Project Name/ID: 99FL-05250-03970-1209-002-223-02231-00044 MB				Total Depth: 1st DPT = 7.2 2nd DPT = 8.4 3rd DPT = 7.1	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm		GPS collected? (Yes) or No		Drill Method: DPT	
Radiological Background: 8-13-08-90		Borehole diameter: 2.25		Depth Drilled into Bedrock: NA		Sampling Method:	
PID Background: 0.0		Depth to GW: NA		PG Review & No: 7735		Geologist: David Rojas	
Radiological Equipment Used:							
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	13/110	SL-824 SASA-SB 0.0-0.5	1345	SM	SILTY SAND, brn (7.5YR 5/4) fgm, pg, sr to sa, quartz, dry, med loose to sli compacted, few to some cgl (roots) ~30% silt, friable
1		3.1/	0.0	10/48				
2		3.5/	0.0	10/60			SM	SILTY SAND, strong brn (7.5YR 4/6) mottled w/ (7.5YR 5/6) fgm w/ tr med gm, pg, sr to sa, quartz, dry, sli to med compacted, med friable, ~20% silt
3			0.0	10/60			SM	SILTY SAND, strong brn (7.5YR 5/6) mottled w/ brn (7.5YR 5/4) fgm, pg, sr to sa, quartz, dry, sli to med compacted, med friable to friable ~15% silt
4			0.0	10/66				
5		3.0/	0.0	10/66				
6		3.3/	0.0	10/72			SM	SILTY SAND brn (7.5YR 5/4) mottled w/ (7.5YR 4/4) and H brn (7.5YR 6/3) f-m gm w/ tr coarse gm, pg, sr to sa, quartz, dry, mod well to well consolidated, laminated (3-6 mm) Friable, ~20% silt
7			0.0	10/42			SP/SM	SAND w/ SILT, (10YR 6/4) mottled w/ pale brn (10YR 7/3), brn (10YR 4/4) and yel brn (10YR 5/8), fgm w/ some med gm & tr coarse gm, pg, sr to sa, quartz, mod well compacted, sli to compacted, sli friable to med hard, dry to sli moist, ~10% silt
								to ant siltstone gravel - fine sized, subangular to angular, mod well cemented, hard; ~40% silt

Referrals @ 7.2, 7.3, & 7.1

**CDM
Smith****BORING LOG AND SAMPLING RECORD**Page 1 of **1****ABBREVIATIONS:**

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Location ID:			Subarea:		Date Started:		Date Completed:	
Project: SSFL					Geologist:		Total Depth:	
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological (μ R/cpm)	Sample Name	Sample Time	USCS	Description of Materials	

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortes

Sample ID SL-824-SA5A-SB-0.0-0.5 Date/Time 6-17-13 / 1345

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS S/eeves & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL	
				GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
			GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL	
		SAND WITH * 5% FINES		GC	Clayey GRAVEL	
				SW	Well-graded SAND	
					SP	Poorly graded SAND
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
					SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt	
SAND WITH ≥ 15% FINES		SP-SC	Poorly graded SAND with clay			
		SM	Silty SAND			
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SC	Clayey SAND	
				ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
		LIQUID LIMIT GREATER THAN 50		OL	Organic SILT with low plasticity	
				MH	Elastic inorganic SILT with moderate to high plasticity	
				CH	Fat inorganic CLAY with moderate to high plasticity	
			CH	Organic SILT or CLAY with moderate to high plasticity		
HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents		

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes No

Color brn 7.5YR 5/4

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

Location ID: DG-825		Subarea: 5A		Date Started: 6-17-13		Date Completed: 6-17-13	
Client: DOE		Project Name/ID: 68FL-05205-53376.1203.002.223.02231.33PH				Total Depth: 1st DPT = 16.0 2nd DPT = 16.0 3rd DPT = 16.0	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm		Drill Method: DPT		Depth Drilled into Bedrock: 16.0	
GPS collected? (Yes) or No		Radiological Background: X=13.48 85		Borehole diameter: 2.25		NA	
PID Background: 0.0		Depth to GW: NA		Sampling Method: DPT Sleeves		Geologist: David Rojas	
Radiological Equipment Used:		PG Review & No.:					
☒ MicroR ☒ Alpha/Beta ☒ Pancake		Miller # 7735					

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
SAMPLE 0.0-0.5		0.5	0.0	13/05	SL-825	1105	SP	SAND w/ SILT, brn (7.5YR 5/4) fgn, pg, sr to sa, quartz, drp, mod loose to sli compacted, tr to few org (roots), ~10% silt
1			0.0	10/42				
2		32/35	0.0	10/60				
3			0.0	10/66				
4			0.0	10/54				SP SAND w/ SILT, yel brn (10YR 5/6) mottled w/ brn yel (10R 6/6) and strong brn (7.5YR 4/6) fgn, pg, sr to sa, quartz, mod compacted, ~10% silt, tr ant org (roots)
5			0.0	10/66				
6		4/4	0.0	10/72				SP SAND, strong brn (10YR 4/6) mottled w/ brn (10R 4/4) and dk brn (10R 3/4) fgn, pg, sr to sa, quartz, ~10% silt compacted, mod friable to friable, tr ant med gwnsd increasing in amount w/ depth.
7			0.0	10/48				
8			0.0	10/66				
9		3.3/4	0.0	10/48				SP SAND, brn yel (10YR 6/6) mottled w/ yel brn (10YR 5/6) fgn, pg, sr to sa, quartz, tr ant med gwn, drp, sli compacted to mod loose, < 5% silt
			0.0	10/54				

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of **2**

ABBREVIATIONS:					
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery	
c: coarse	lt: light	rnd: rounded	v: very		
dk: dark	m: medium	sa: subangular	wg: well graded		
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface	

Location ID: DG-825		Subarea: 5A		Date Started: 6-17-13		Date Completed: 6-17-13	
Project: SSFL				Geologist: David Rojas		Total Depth: 16.0	

Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
							SEE PG 1 for lithology
11	see Pg 1	0.0	10/84				
12		0.0	10/72				SP SAND, v pale km (10YR 7/4) mottled w/ brn yel (10YR 4/6) and yel km (10YR 5/4) Fgm w/ to few med qtz, pg, sr to ss, quartz, sli moist, mod loose to sli compacted, ~5% silt
13		0.0	10/60				
14	3.3/ 4.0	0.0	10/66				
15		0.0	10/90				SP SAND, A.A w/ bands of SAND w/ SILT yel km (10YR 5/6) mottled w/ dk yel km (10YR 4/4) and strong km (7.5YR 5/8)
16		0.0	10/108				SP SAND w/ SILT, lt yel km (2.5Y 6/3) mottled w/ lt olive km (2.5Y 5/4), olive km (2.5Y 4/4) and strong km (7.5YR 5/8) Fgm w/ few med qtz & to coarse qtz, pg, sr to ss, quartz, mod consolidated to well consolidated mod friable, sli moist, ~10% silt

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

David Rojas
6/17/13

Sample ID SL-825-S15A-SB-0.0-0.5

Date/Time 6/17/13 ^{Yr} 1105

Matrix (circle one)

Soil

Sediment

Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches

Feet

Check if Composite ☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

2/12

Field Geologist

DAVID ROJAS

Sampler

VICTOR CURTIS

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	<u>X</u>
	EPA 6020	<u>X</u>
	EPA 7471 (Soil)	<u>X</u>
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	<u>X</u>
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	<u>X</u>
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	<u>X</u>
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 <u>X</u>
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves & 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color brn (7.5YR 5/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments N/A

Location ID: DC-826		Subarea: 5A		Date Started: 6-12-13		Date Completed:	
Client: DOE		Project Name/ID: SEFL-66268-63376-1203-002-223-02234-SSPH3				Total Depth: 1st DPT = 14.8 2nd DPT = 14.8 3rd DPT = 14.5	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled Into Bedrock: NA	
GPS collected? Yes or No		Drill Method: DPT				Borehole diameter: 2.25	
Radiological Background: Y=14.0-77		Depth to GW: NA				Sampling Method: DPT Sleeves	
PID Background: 0.0		Radiological Equipment Used:				Geologist: David Rojas	
☒ MicroR ☒ Alpha/Beta ☒ Pancake		PA Review & Non Paul Hoffman #7735					

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	14/96	SL-826 SA5A-SB 0.0-0.5	1315	SP	SAND w/ SILT, yel brn (10YR 5/4) Fgn, pg, sr to sa, quartz, amt med gsn, sli to mod compacted, mod friable, dry, Few org (roots)
1			0.0	10/54				
2		3.3/3.5	0.0	10/48			SM	SILTY SAND, dk yel brn (10YR 3/4) mottled w/ (10YR 4/4) yel brn (10YR 3/4) fg, pg, sr to sa, quartz, mod well compacted, sli laminated, dry, ~20% silt to to few amt med gsn sand
3			0.0	10/72			SM	SILTY SAND, v dk brn (7.5YR 2.5/3) mottled w/ dk brn (7.5YR 3/4) fg, pg, sr to sa, quartz, sli to mod compacted, friable, ~30% silt, possibly reworked, less silty w/ depth, sli moist
4			0.0	10/78	SL-826 SA5A-SB 4.0-5.0	1325		
5			0.0	10/42				
6		3.6/4	0.0	10/60				
7			0.0	10/60				
8			0.0	10/84			SP	SAND, yel brn (10YR 5/6) mottled w/ dk yel brn (10YR 4/6) fg, pg, sr to sa, quartz, sli compacted to mod loose, moist, <5% silt, to to few amt of mottling w/ strong brn (7.5YR 5/6) increasing w/ depth
9			0.0	10/48	SL-826 SA5A-SB 9.0-10.0	1346		Moved location ~10' WSW of staked location to position boring in suspected drainage feature.
9.0-10.0			0.0	10/48				

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 2

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Location ID:		Subarea:		Date Started:		Date Completed:		
DG-826		5A		6-12-13				
Project: SSFL				Geologist: David Rojas		Total Depth: 14.8		
Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
								See pg 1
11	See pg 1		0.0	10/42				
12			0.0	10/54				SP SAND w/ SILT, lt brn gray (2.5Y 4/2) mottled w/ lt olive brn (2.5Y 5/4) and strong brn (7.5YR 5/8), fgm, pg, sr to sa, quartz, sli loose to mod compact, sli moist, tr to few amt org (decomposed & partially decomposed roots) present as very dusty red (2.5YR 2.5/2) traces ~ 3-5mm in diameter, tr to few amt clay increasing w/ depth.
13	2.6 2.8		0.0	10/48				SC CLAYEY SAND, gray (2.5Y 5/1) mottled w/ olive brn (2.5Y 4/6) and gel brn (10YR 5/8), fgm, pg, sr & sa, quartz, sli moist to moist, mod compact, mod friable, clay is sli stiff, low plasticity, dispersed w/ sand and represents ~ 20%
14			0.0	10/48	SL-826 SA5A-SB 14-15	1355		
			0.0	10/54				SP SAND, lt yel brn (2.5Y 6/3) mottled w/ brn yel (10YR 6/8) and stiff brn (10YR 5/8), fgm, pg, sr to sa, quartz, mod loose to sli compact, moist, > 5% silt, tr to amt clay A.A.
								Refusals @ 14.8, 14.8, & 14.5

SAMPLE
14-15

11.0

12.6

14.2

14.8

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Ortiz

Sample ID

SL-826-SA5A-SB-0.0-0.5

Date/Time

6-12-13 / 1315

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite ☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

	Parameters	Method	Analyze?
	Metals	EPA 6010	☒
		EPA 6020	☒
		EPA 7471 (Soil)	☒
		EPA 7470 (Water)	
	Fluoride	EPA 300.0/9056	
	SVOCs	EPA 8270	
	TIC	EPA 8270	
	PAHs	EPA 8270 SIM	☒
	1,4 Dioxane	EPA 8270 SIM	
	Dioxins	EPA 1613	☒
	PCBs/PCTs	EPA 8082	
	Perchlorate	EPA 314.0/331	
	Perchlorate Confirmation	EPA 6850/6860	
	pH	EPA 9045 (Soil)	☒
		EPA 9040 (Water)	
	Hexavalent Chromium	EPA 7196/7199	
	Herbicides	EPA 8151	
	Pesticides	EPA 8081	

	Parameters	Method	Analyze?
Encores	VOCs	EPA 8260	
	1,4 Dioxane	EPA 8260 SIM	
	TPH-GRO	EPA 8015	
	TPH-EFH	EPA 8015	☒
Sediment	Glycols	EPA 8015	
	Alcohols	EPA 8015	
	Terphenyls	EPA 8015	
	Nitrates	EPA 300.0/9056	
	Energetics	EPA 8330	
	Cyanide	EPA 9012	
	Formaldehyde	EPA 8315	
	NDMA	EPA 1625	
	Organotin	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630	

2 DPT SS Skewes & 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present Yes ☒ No ☐
- Percentage Fill (%) None
- Fill Description (circle all that apply)

Asphalt

Metal

Plastic

Concrete

Wood

Glass

Igneous/Metamorphic Gravel

N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color yellow (10YR 5/4) mottled / brown / black
 Odor and yellow (10YR 5/8) ORR 10YR 2/8

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
 Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

David R. Rojas

Sample ID

SL-826-SASA-SB-4.0-5.0

Date/Time

6/12/13

1325

Matrix (circle one)

Soil

Sediment

Water

Start Depth

4.0

End Depth

5.0

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

N/A

Field Geologist

DAVID ROJAS

Sampler

VIDAL CORTES

Analysis

	Parameters	Method	Analyze?
	Metals	EPA 6010	X
		EPA 6020	X
		EPA 7471 (Soil)	X
		EPA 7470 (Water)	
	Fluoride	EPA 300.0/9056	
	SVOCs	EPA 8270	
	TIC	EPA 8270	
	PAHs	EPA 8270 SIM	X
	1,4 Dioxane	EPA 8270 SIM	
	Dioxins	EPA 1613	X
	PCBs/PCTs	EPA 8082	
	Perchlorate	EPA 314.0/331	
	Perchlorate Confirmation	EPA 6850/6860	
	pH	EPA 9045 (Soil)	X
		EPA 9040 (Water)	
	Hexavalent Chromium	EPA 7196/7199	
	Herbicides	EPA 8151	
	Pesticides	EPA 8081	

	Parameters	Method	Analyze?
Encores	VOCs	EPA 8260	
	1,4 Dioxane	EPA 8260 SIM	
	TPH-GRO	EPA 8015	X
	TPH-EFH	EPA 8015	X
Sediment	Glycols	EPA 8015	
	Alcohols	EPA 8015	
	Terphenyls	EPA 8015	
	Nitrates	EPA 300.0/9056	
	Energetics	EPA 8330	
	Cyanide	EPA 9012	
	Formaldehyde	EPA 8315	
	NDMA	EPA 1625	
	Organotin	NOAA Status and Trends, Krone et al.	
		Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
	SP-SM		Poorly graded SAND with silt		
	SP-SC		Poorly graded SAND with clay		
SAND WITH ≥ 15% FINES		SM	Silty SAND		
		SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
	LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity	
			CH	Fat inorganic CLAY with moderate to high plasticity	
			CH	Organic SILT or CLAY with moderate to high plasticity	
		HIGHLY ORGANIC SOILS			PT

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☐ No ☒

Color dark brown (7.5YR 2.5/3) mottled w/ dk brown (7.5YR 3/4)

Odor _____

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

Dry ☐ ☒ Moist ☐ Wet

PG Signature Vicki Hoffman

PG Registration # 7735

Additional Comments NA

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

David Rojas

Sample ID SL-026-SASA-SB-9.0-10.0

Date/Time 6/12/13 13:40

Matrix (circle one)

Soil

Sediment

Water

Start Depth

9.0

End Depth

10.0

Depth Units (circle one)

Inches

Feet

Check if Composite ☐

Collection Method (circle one)

OPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

N/A

Field Geologist DAVID ROJAS

Sampler VIDAL CORTES

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	<u>X</u>
	EPA 6020	<u>X</u>
	EPA 7471 (Soil)	<u>X</u>
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCS	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	<u>X</u>
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	<u>X</u>
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	<u>X</u>
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015 <u>X</u>
	TPH-EFH	EPA 8015 <u>X</u>
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\geq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\geq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
	SP-SM		Poorly graded SAND with silt		
	SP-SC		Poorly graded SAND with clay		
SAND WITH $\geq 15\%$ FINES		SM	Silty SAND		
		SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No

Color yellow brown (10YR 5/6) moist w/ dk yellow brown (10YR 4/6)

Odor

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

Dry ☒ Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

SSFL Phase 3 - Field Sample Data Sheet

CDM Smith

FSDS Checked By

Paul Rojas

Sample ID SL-826-JASA-SB-14.0-15.0

Date/Time 6/12/13 13:55

Matrix (circle one)

Soil

Sediment

Water

Start Depth 14.0

End Depth 15.0

Depth Units (circle one)

Inches

Feet

Check if Composite ☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

N/A

Field Geologist

DAVID ROJAS

Sampler

VICTOR CORTES

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	<u>X</u>
	EPA 6020	<u>X</u>
	EPA 7471 (Soil)	<u>X</u>
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	<u>X</u>
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	<u>X</u>
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate		
Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	<u>X</u>
	EPA 9040 (Water)	
Hexavalent		
Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present Yes ☒ No ☒
- Percentage Fill (%) None
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	☒ N/A	
Other _____		

Is Staining Present Yes No

Color lt yel brn (2.5Y 4/3) mottled w/ tan yel (10YR 6/8)

Odor and yel brn (10YR 5/8)

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A

Other _____

Moisture Condition (circle one)

Dry ☒ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 17735

Additional Comments NA

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. CRT

Sample ID SL-827-SA5A-SB-0.0-0.5 Date/Time 6-7-13 / 1145

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

☐ Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

	Parameters	Method	Analyze?
	Metals	EPA 6010	X
		EPA 6020	X
		EPA 7471 (Soil)	X
		EPA 7470 (Water)	
	Fluoride	EPA 300.0/9056	
	SVOCs	EPA 8270	
	TIC	EPA 8270	
	PAHs	EPA 8270 SIM	X
	1,4 Dioxane	EPA 8270 SIM	
	Dioxins	EPA 1613	X
	PCBs/PCTs	EPA 8082	
	Perchlorate	EPA 314.0/331	
	Perchlorate Confirmation	EPA 6850/6860	
	pH	EPA 9045 (Soil)	X
		EPA 9040 (Water)	
	Hexavalent Chromium	EPA 7196/7199	
	Herbicides	EPA 8151	
	Pesticides	EPA 8081	

	Parameters	Method	Analyze?
Encores	VOCs	EPA 8260	
	1,4 Dioxane	EPA 8260 SIM	
	TPH-GRO	EPA 8015	
	TPH-EFH	EPA 8015	X
	Glycols	EPA 8015	
	Alcohols	EPA 8015	
	Terphenyls	EPA 8015	
	Nitrates	EPA 300.0/9056	
	Energetics	EPA 8330	
	Cyanide	EPA 9012	
	Formaldehyde	EPA 8315	
	NDMA	EPA 1625	
Sediment	NOAA Status and Trends, Krone et al.		
	Organotin	EPA 1630	

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) 0

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color Brown (7.5 YR 5/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

Location ID: 06-828		Subarea: 5A		Date Started: 5/28/13		Date Completed:	
Client: DOE		Project Name/ID: 66FL-65268-63376-1203-002-223-02231-33PH3-RB				Total Depth: 1st boring = 1.2' 2nd boring = 1.2'	
Company Name: CDM SMITH		Drill Contractor/Driller: NA		Drill Method: slide hammer		Depth Drilled into Bedrock: NA	
GPS collected? (Yes or No) 79		Borehole diameter: 2.25		Depth to GW: NA		Sampling Method: slide hammer	
Radiological Background: 4B-14 8-91		PG Review & No.:		Geologist: David Rojas			
PID Background: 0.0		Radiological Equipment Used:					
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	Recovery (feet)	PID (ppm)	Radiological (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.5	0.5	0.0	14/71	SL-828	1340	ML	SILT
1	0.5	0.0	14/72	SA5A-SB		ML	SILTY SANDY brown (7.5YR 4/3) vf to fgn, med poorly graded sr to sa, quartz, silt = 50%, dry, some to some org (roots).
1		0.0	14/102			SM	SILTY SAND strong bn (7.5YR 5/6) mottled w/ bn (7.5YR 5/6), vf-fgn, tr to some med gn, pg, sr to sa, quartz, 40% silt tr to some silt nodules, friable, tr to some org (roots) dry.
2		0.0	14/72			SM	SILTY SAND, lt bn (7.5YR 6/4) vf-fgn, med well graded sr to sa, quartz, 40% silt, some silt nodules, friable, dry.
							Refusal @ 1.2 & 1.2

Mike Hoffman #7735

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bg: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortes

Sample ID SL-828-SA5A-SB-0.0-0.5 Date/Time 5/28/13 1340

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☐ Feet ☒

Check If Composite ☐

Collection Method (circle one)
 DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☐
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 6" SS sleeves & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
		SAND WITH $\leq 5\%$ FINES		GC	Clayey GRAVEL
				SW	Well-graded SAND
				SP	Poorly graded SAND
				SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
			SP-SC	Poorly graded SAND with clay	
SAND WITH $\geq 15\%$ FINES		SM	Silty SAND		
		SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
		LIQUID LIMIT GREATER THAN 50		OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☐ No ☒
2. Percentage Fill (%) 0
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☐ No ☒

Color brown (7.5 YR 4/3)

- Odor
1. Odor Strength (circle one)
None ☒ Slight ☐ Strong ☐
2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

Dry ☒ Moist ☐ Wet ☐

PG Signature *John Hoffman*

PG Registration # 7735

Additional Comments _____

Location ID: DL-829		Subarea: 5A	Date Started: 5/28/13	Date Completed:
Client: DOE		Project Name/ID: SSFL-65258-03976-1203.002-223.02231-SSPH3 FB		Total Depth: 1st boring = 2.2 2nd boring = 1.3
Company Name: CDM SMITH		Drill Contractor/Driller: NA		Depth Drilled into Bedrock: NA
GPS collected? (Yes) or No		Drill Method: Slide Hammer / HA		
Radiological Background: AB-14 8-97		Borehole diameter: 2.25		Sampling Method: Slide Hammer
PID Background: 0.0		Depth to GW: NA		
Radiological Equipment Used:		PG Review & No.:		Geologist: David Rojas
☒ MicroR ☒ Alpha/Beta ☒ Pancake				

Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.5	0.45	0.0	14/103	SL-829	1415	SM	SILTY SAND, strong brn (7.5YR 5/6) mottled w/ brn (7.5YR 5/6) vf-fgm, tr to some med gm, mod pg, becoming coarser grained w/depth, sr to sa, quartz, 40% silt, dry, tr to some organics (roots) tr to few sandy silt nodules, friable
1	0.0	0.0	14/78	SA5A-58			SILTY SAND, strong brn (7.5YR 5/6), vf-fgm, tr to some med gm, mod pg, sr to sa, quartz, 30% silt, few to some sandy silt nodules, friable, dry
2	0.0	0.0	12/90	0.0-0.5			A,A
							Refusal @ 2.2' & 1.3'

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Gtz

Sample ID SL- 829-SA5A-SB-0.0-0.5 Date/Time 5/28/13 1415

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check If Composite ☐

Collection Method (circle one)
 DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 6" SS tubes & 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SP-SC	Poorly graded SAND with clay
				SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT GREATER THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
			CH	Fat inorganic CLAY with moderate to high plasticity	
			OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No

2. Percentage Fill (%) NA

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No

Color Strong brn 7.5YR 5/6 mottled w/ brn 7.5YR 5/6

Odor

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature Mike Hoffman

PG Registration # 2735

Additional Comments _____

Location ID: DC-830		Subarea: 5A	Date Started: 5/28/13 Tuesday	Date Completed:
Client: DOE		Project Name/#: SSFL-65266-63376-1209.002.223.02231.SSPH3 PB		Total Depth: 3.75
Company Name: CDM SMITH		Drill Contractor/Driller: NA		Depth Drilled into Bedrock: NA
GPS collected? (Yes) or No		Drill Method: Slide hammer		
Radiological Background: AP-85 X-14		Borehole diameter: 2.25		Sampling Method: slide hammer
PID Background: 0.0		Depth to GW: NA		
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		PG Review & No.:		Geologist: David Rojas

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.05		0.5	0.0	14/54	SL-830 SA5-0.0 -0.5	1055	SM	SILTY SAND, yel brn (10YR 5/4) vF-Fgw, mod ^{well graded} poorly ^{subangular} sub ^{quartz} dry ^{to some} organic roots , 40% silt, tr glass
1		0.0	0.0	14/60			SM	SILTY SAND, yel brn (10YR 5/4) vF-Fgw to med gw, poorly graded ^{subangular} , sr to sa, wg, quartz, tr organics (roots), tr to some gravel angular, tr to some glass, dry, 30% silt
2		0.0	0.0	14/72			SM	SILTY SAND yel brn (10YR 5/4) vF-Fgw, sr to sa Pg, quartz, tr organic (roots), tr glass dry, 20% silt
3		0.0	0.0	14/66	SL-830 SA5-3.75 2.75-3.75	1135	SM	SILTY SAND lt yel brn (10YR 6/4) vF-Fg sr to sa Pg, quartz, tr organic (roots), 20% silt
3.75		0.0	0.0	14/60			SM	SILTY SAND, upale brn (10YR 7/4) vF-Fg, Pg, sr to sa, quartz, tr org (roots), tr gravel angular to subangular, 20% silt Refusal @ 3.75'

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortez

Sample ID SK SAF-830-SA5A-SB-052818R 0.0-0.5 Date/Time 5-20-13 1055

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☐ Feet ☒

Check If Composite ☐

Collection Method (circle one)
 DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Visal Cortez

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	
	EPA 6020	
	EPA 7471 (Soil)	
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents
HIGHLY ORGANIC SOILS					

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No ~~NR~~
2. Percentage Fill (%) 100 ¹⁰⁰ ~~5~~ %

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes ☐ No ☒

Color yellowish brown (10YR 5/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # PG^{VC} 7135

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Ctr

Sample ID SL-830-SA5A-SB 2.75-3.75 Date/Time 5/28/13 1135

Matrix (circle one)

Soil Sediment Water

Start Depth 2.75

End Depth 3.75

Depth Units (circle one)

Inches Feet

Check If Composite ☐

Collection Method (circle one)

DPT Slide Hammer Hand Auger Slide Hammer Trenching Sediment

QC Type (circle one)

N FD FB RB

Because soil will not stay in slide hammer sleeve, collected sample using hand auger

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Vidal Cortez

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	<u>VC 5/28/13</u> EPA 8270	
TIC	NDMA EPA 8270	X
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260 X
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015 X
	TPH-EFH	EPA 8015 X
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\geq 6\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\geq 6\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
SAND WITH $\geq 15\%$ FINES		SM	Silty SAND		
		SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
				FT	PEAT soils with high organic contents
HIGHLY ORGANIC SOILS					

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 5%

3. Fill Description (circle all that apply)

Asphalt ☒ Metal ☐ Plastic

Concrete ☐ Wood ☒ Glass

Igneous/Metamorphic Gravel ☐ N/A

Other _____

Is Staining Present Yes ☐ No ☒

Color 10 YR 7/4

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic ☐ Petroleum ☐ Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature David R. Rojas

PG Registration # PG 7735

Additional Comments Mika Hoffman

Location ID: DG-831		Subarea: 5A		Date Started: 5/29/13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-65256-03970-1203-002-223-02231-SSPH3				Total Depth: 1st boring = 5.7' 2nd boring = 5.5'	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled Into Bedrock: NA	
GPS collected? (Yes or No) X		Drill Method: Handauger/Slide Hammer				Sampling Method: Slide Hammer	
Radiological Background: 0.0		Borehole diameter: 2.75 inches				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		PG Review & No.:					

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0	0.5	0.5	0.0	14/94	SL-B31- SA5A-5B 0.0-0.5	0835	SM	SILTY SAND, brown (7.5YR 5/3), vF-Fgrn, mod pg, sr to sa, ~40% silt, quartz, dry, few to some org (roots), some silt nodules friable
1			0.0	14/54			SM	SILTY SAND, brown (7.5YR 4/3) vF-Fgrn, mod pg, sr to sa, ~30% silt, quartz, dry, few org (roots), some to common silt nodules, friable, sa to angular
2			0.0	14/62			SM	SILTY SAND, brown (7.5YR 5/4) A.A., tr amt fill material (shards of beer can)
3			0.0	14/66			SM	SILTY SAND, lt brn (7.5YR 6/4), A.A. except no fill material, tr amt org (roots)
4			0.0	14/60			SM	SAND, v pale brn (10YR 7/4), vF to Fgrn, sr to sa, mod poorly sorted sli silty (~10% silt), quartz, tr amt silt nodules, friable, sa to a, dry
4.5-5.5	1/4		0.0	14/90	SL-B31 SA5A SB-45-55	0930	SM	SAND, lt yel brn (10YR 6/4) vF to Fgrn, mod pg, sr to sa, sli silty (~15% silt), quartz, dry, tr amt silt nodules A.A.
5			0.0	14/90			SM	SILTY SAND, brn yel (10YR 6/6) mottled w/yel brn (10YR 5/4), vF-Fgrn, mod pg, sa to sr, quartz, tr amt silt nodules A.A.
Refusal @ 5.70' b/s & 5.5' b/s								

Wade Hoffman #7735

**CDM
Smith****BORING LOG AND SAMPLING RECORD**Page 1 of 1**ABBREVIATIONS:**

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortes

Sample ID SL-831-SA5A-SB-0.0-0.5

Date/Time 5/29/13 0835

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ ☒ Feet

Check If Composite ☐

DPT

☒ Slide Hammer

Collection Method (circle one)

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

☒ N

FD

FB

RB

Parent Sample ID

N/A

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015 ☒
	TPH-EFH	EPA 8015 ☒
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 slide hammer sleeves & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>< 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 15% FINES</u>		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH <u>< 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
	SP-SM		Poorly graded SAND with silt		
	SP-SC		Poorly graded SAND with clay		
SAND WITH <u>≥ 15% FINES</u>		SM	Silty SAND		
		SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS</u> THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT <u>GREATER</u> THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No

2. Percentage Fill (%) NA

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes ☒ No

Color brown (7.5 YR 5/3)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Molst ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Gtz

Sample ID SL-831-SA5A-SB-4.5-5.5 Date/Time 5/29/13 0930

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 4.5
 End Depth 5.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check If Composite ☐

Collection Method (circle one)
 DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCS	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encore	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NOMA	EPA 1625
	NOAA Status and Trends, Krone et al.	
	Organotin	
Sediment	Methyl Mercury	EPA 1630

2 slide hammer streaks, 1 4oz jar, & 2 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION		GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
			CL	Lean inorganic CLAY with low plasticity	
	LIQUID LIMIT GREATER THAN 50		OL	Organic SILT with low plasticity	
			MH	Elastic inorganic SILT with moderate to high plasticity	
			CH	Fat inorganic CLAY with moderate to high plasticity	
			OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents	

SP/AR

Fill Material

- Is Fill Material Present Yes ☐ No ☒
- Percentage Fill (%) None
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	☒ N/A	
Other _____		

Is Staining Present Yes ☐ No ☒

Color brn gel (10YR 4/6) mottled w/ yel brn (10YR 5/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Vincent Hoffman

PG Registration # 7735

Additional Comments _____

Location ID: DG-832		Subarea: 5A		Date Started: 5/29/13		Date Completed:	
Client: DOE		Project Name/ID: S9FL-65258-63376-1203-002-223-02291-56PH3				Total Depth: 1st DPT - 8.8', 2nd DPT - 8.2'	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: N	
GPS collected? ☒ Yes ☐ No		Drill Method: DPT				Borehole diameter: 3.25	
Radiological Background: 13		Depth to GW: NA				Sampling Method: Slide hammer / DPT Sleeves	
PID Background: 0.0		PG Review & No.:				Geologist: David Rojas	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	13/86 13/90	SL-832 SA5A-SB 0.0-0.5	0950	SM	SILTY SAND, brn (7.5 YR 5/3) vF-Fgm, mod pg, sr to sa, quartz, dry, few to some silt nodules, sa to angular, friable
1			0.0	10/36			SM	SILTY SAND brown (7.5 YR 4/4) vF-Fgm mod pg, sr to sa, quartz, dry, few silt nodules, loose w/ 30% silt
2		2.7/3.5	0.0	10/60			SM	SILTY SAND brn (7.5 YR 5/4) vF-Fgm, mod pg, sr to sa, quartz, dry, dense consolidated but friable - 40% silt
3			0.0	10/66				
4			0.0	10/84	SL-832 SA5A-SB 4.0-5.0	1030		
5		4.0/4.0	0.0	10/78			SM	SILTY SAND lt brn (7.5 YR 6/4) mottled w/ reddish brown (7.5 YR 4/6) vF-Fgm, mod pg, sr to sa, quartz, consolidated but friable 40% silt
6			0.0	10/84				
7			0.0	10/84			ML	SILT, brown (7.5 YR 5/3) vF-gm, pg, sr to sa, quartz, loose, dry
7.2-8.2			0.0	10/96	SL-832 SA5A-SB 7.2-8.2	1035	ML	SILTY SANDY v pale brn (10 YR 7/4) vF-Fgm poorly graded, sr to sa, dry, quartz, few to some silt nodules, friable, 50% silt
		0.8/0.8	0.0	10/66			SM	SILTY SAND lt yel brn (10 YR 6/4) mottled w/ brn (10 YR 4/6) vF-Fgm mod pg, sr to sa, quartz, mod well consolidated, few silty sand nodules, friable, gr 40% silt
Refusal @ 8.8' x 8.2' x 8.2'								

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of ____

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Vali Duff #7735

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By J. Gtz

Sample ID SL-832-SA5A-SB-0.0-0.5

Date/Time 5/29/13 0950

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ ☒ Feet

Check If Composite ☐

Collection Method (circle one)

DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 slide hammer sleeves & 1 4oz-jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes No
2. Percentage Fill (%) 17
3. Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic	<u>Gravel</u>	N/A
	<u>limestone</u>	
Other _____		

Is Staining Present Yes No

Color brn 7.5YR 5/3

Odor

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cytz

Sample ID SL-832-SA5A-4.0-5.0 Date/Time 5/29/13 1030

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 4.0

End Depth 5.0

Depth Units (circle one)

Inches ☐ Feet ☒

Check If Composite ☐

f.c. 5/29/13 Collection Method (circle one)

☒ DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encore	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 16-oz jars, 1 4-oz jar, 2 Encore

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME		
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>< 5% FINES</u>		GW	Well-graded GRAVEL		
				GP	Poorly graded GRAVEL		
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt		
				GW-GC	Well-graded GRAVEL with clay		
				GP-GM	Poorly graded GRAVEL with silt		
				GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 15% FINES</u>		GM	Silty GRAVEL		
				GC	Clayey GRAVEL		
		SAND WITH <u>< 5% FINES</u>		SW	Well-graded SAND		
				SP	Poorly graded SAND		
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
					SW-SC	Well-graded SAND with clay	
	SP-SM	Poorly graded SAND with silt					
	SP-SC	Poorly graded SAND with clay					
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH <u>≥ 15% FINES</u>		SM	Silty SAND		
				SC	Clayey SAND		
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity		
				CL	Lean inorganic CLAY with low plasticity		
				OL	Organic SILT with low plasticity		
				MH	Elastic inorganic SILT with moderate to high plasticity		
		LIQUID LIMIT GREATER THAN 50		CH	Fat inorganic CLAY with moderate to high plasticity		
				OH	Organic SILT or CLAY with moderate to high plasticity		
			HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☐ No ☒
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	<u>N/A</u>	
Other _____		

Is Staining Present Yes ☐ No ☒

Color brn 7.5YR 5/4 & Lt brn 7.5YR 6/4

Odor _____

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
 Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)
☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortez

Sample ID SL-832-SA5A-SB-7.2-8.2 Date/Time 5/29/13 1035

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 7.2

End Depth 8.2

Depth Units (circle one)

Inches ☐ Feet ☒

Check If Composite ☐

Collection Method (circle one)

☒ DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 16-oz jars, 1 4-oz jar, 2 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME		
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\geq 5\%$ FINES		GW	Well-graded GRAVEL		
				GP	Poorly graded GRAVEL		
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt		
				GW-GC	Well-graded GRAVEL with clay		
				GP-GM	Poorly graded GRAVEL with silt		
				GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL		
				GC	Clayey GRAVEL		
		SAND WITH $\geq 5\%$ FINES		SW	Well-graded SAND		
				SP	Poorly graded SAND		
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt		
				SW-SC	Well-graded SAND with clay		
	SP-SM		Poorly graded SAND with silt				
	SP-SC		Poorly graded SAND with clay				
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SM	Silty SAND		
				SC	Clayey SAND		
				ML	Inorganic SILT with low plasticity		
				CL	Lean inorganic CLAY with low plasticity		
				OL	Organic SILT with low plasticity		
			LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity	
				CH	Fat inorganic CLAY with moderate to high plasticity		
				OH	Organic SILT or CLAY with moderate to high plasticity		
		HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents	

7.2 ~~8.0~~
8 ~~8.2~~

Fill Material

- Is Fill Material Present Yes ☒ No ☐
- Percentage Fill (%) None
- Fill Description (circle all that apply)

Asphalt Metal Plastic
 Concrete Wood Glass
 Igneous/Metamorphic Gravel ☒ N/A
 Other _____

Is Staining Present Yes No

Color V pale brn 10YR 7/4 & brn 7.5YR 5/3

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature *Mike Hoffman*

PG Registration # 7735

Additional Comments _____

Location ID: DG-833		Subarea: 5A		Date Started: 5/30/13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-05250-00070-1200-002-220-02201-00PH-3M-12512				Total Depth: 1st DPT=3.5 2nd DPT=3.4 3rd DPT=3.6	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA	
GPS collected? Yes or No		Drill Method: DPT				Sampling Method: DPT sleeves	
Radiological Background: Y=13 X=91		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used:		PG Review & No.:					
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	13/87	SL-833 SASA-SB 0.0-0.5	1345	SM	SILTY SAND, brn (7.5YR 5/4) vF to Fgw, mod pg, sr to sa, quartz, dry, tr org (roots), 40% silt, loose
		3.1/3.1	0.0	12/66			ML	SILTY SAND, brn (7.5YR 5/4) vF to Fgw, tr to some mod gw, mod pg, sr to sa, quartz, dry, loose, 50% silt, tr org (roots)
			0.0	12/84			SM	SILTY SAND, brn (7.5YR 4/4) mottled w/ dk brn (7.5YR 3/4) vF to Fgw, mod pg, sr to sa, quartz, dry, 40% silt, loose to sli consolidated, tr org (roots)
2.5-3.5			0.0	12/40	SL-833 SASA-SB 2.5-3.5	1355	SM	SILTY SAND strong brown (7.5YR 4/6) mottled w/ dk brn (7.5YR 3/4) vF to Fgw, mod pg, sr to sa, quartz, dry, 30% silt, sli to mod consolidated
			0.0	12/76			SM	SILTY SAND lt yel brn (10YR 6/4) mottled w/ yel brn (10YR 5/6) & dk yel brn (10YR 3/4) vF to mod gw, mod well graded, sr to sa, quartz, dry, mod to well consolidated, 20% silt
								Refusal @ 3.5, 3.4, & 3.6

Vila Hoffman #7735

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By J. GFK

Sample ID SL-833-SA5A-SB-0.0-0.5 Date/Time 5/30/13 1345

Matrix (circle one)	Start Depth <u>0.0</u>	Depth Units (circle one)
<u>Soil</u> Sediment Water	End Depth <u>0.5</u>	Inches <u>Feet</u>

Check If Composite ☐ Collection Method (circle one)

DPT Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)

N FD FB RB Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT sleeves / 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH * 5% FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
				SP-SM	Poorly graded SAND with silt	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH ≥ 15% FINES		SP-SC	Poorly graded SAND with clay	
				SM	Silty SAND	
				SC	Clayey SAND	
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
			LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
					CH	Fat inorganic CLAY with moderate to high plasticity
					OH	Organic SILT or CLAY with moderate to high plasticity
					PT	PEAT soils with high organic contents
HIGHLY ORGANIC SOILS						

Fill Material

1. Is Fill Material Present Yes ☒ No

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No

Color brn 7.5 YR 5/4

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By N. Cifuentes

Sample ID SL-833-SA5A-SB-2.5-3.5 Date/Time 5/30/13 1355

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 2.5

End Depth 3.5

Depth Units (circle one)

☐ Inches ☐ Feet

Check If Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NOMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 16-oz jars & 1 4-oz jar, 2 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes No

Color Strong brown (7.5YR 4/6) mottled w/ dk brown (7.5YR 3/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 2735

Additional Comments _____

Location ID: DG-834		Subarea: 5A		Date Started: 5/30/13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-65258-63376.1203.002.223.02231-66PH3 B312				Total Depth: DPT 1st 3.4' b/s 2nd 3.4' b/s 3rd 3.4' b/s	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled Into Bedrock: NA	
GPS collected? Yes or No		Drill Method: DPT				Sampling Method: DPT sleeves	
Radiological Background: X=13 Y=81		Borehole diameter: R, 2.5				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used:		PG Review & No.:					
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5	0.0	13/40	SL-834 SA5A-SB 0.0-0.5	1300	SM	SILTY SAND, brn (7.5YR 4/4), vt-Fgm, pg, sr to sa, quartz, dry, 40% silt, to org (roots), loose
1		2.9	0.0	10/72			SM	SILTY SAND brn (7.5YR 5/4) vt to Fgm, some to some med gm, mod pg, sr to sa, dry, quartz, loose, 30% silt, to to some org (roots)
2		2.9	0.0	10/74			SM	SILTY SAND brn (7.5YR 4/4) vt to Fgm, pg, sr to sa, quartz, dry, loose, 60% silt, becoming sli consolidated w/ depth & sandier
2.4-3.4			0.0	10/60	SL-834 SA5A-SB 2.4-3.4	1310	SM	SILTY SAND, strong brn (7.5YR 4/6) mottled w/ dk brn (7.5YR 3/3) vt to Fgm, to some med gm, mod pg, sr to sa, quartz, dry, 30% silt, mod consolidated
			0.0	10/70				Refusal @ 3.4, 3.4, 3.4

Julia Hoffman #7735

**CDM
Smith****BORING LOG AND SAMPLING RECORD**Page 1 of **1****ABBREVIATIONS:**

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

V. Cortez

Sample ID

SL-834-SA5A-SB-0.0-0.5

Date/Time

5/30/13 1300

Matrix (circle one)

(Soil)

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

(Feet)

Check If Composite

☐

Collection Method (circle one)

(DPT)

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

(N)

FD

FB

RB

Parent Sample ID

NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

	Parameters	Method	Analyze?
Metals		EPA 6010	<u>X</u>
		EPA 6020	<u>X</u>
		EPA 7471 (Soil)	<u>X</u>
		EPA 7470 (Water)	
Fluoride		EPA 300.0/9056	
SVOCs		EPA 8270	
TIC		EPA 8270	
PAHs		EPA 8270 SIM	<u>X</u>
1,4 Dioxane		EPA 8270 SIM	
Dioxins		EPA 1613	<u>X</u>
PCBs/PCTs		EPA 8082	
Perchlorate		EPA 314.0/331	
Perchlorate Confirmation		EPA 6850/6860	
pH		EPA 9045 (Soil)	<u>X</u>
		EPA 9040 (Water)	
Hexavalent Chromium		EPA 7196/7199	
Herbicides		EPA 8151	
Pesticides		EPA 8081	

	Parameters	Method	Analyze?
Encores	VOCs	EPA 8260	
	1,4 Dioxane	EPA 8260 SIM	
	TPH-GRO	EPA 8015	
	TPH-EFH	EPA 8015	<u>X</u>
Sediment	Glycols	EPA 8015	
	Alcohols	EPA 8015	
	Terphenyls	EPA 8015	
	Nitrates	EPA 300.0/9056	
	Energetics	EPA 8330	
	Cyanide	EPA 9012	
	Formaldehyde	EPA 8315	
	NDMA	EPA 1625	
	Organotin	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630	

2 DPT sleeves & 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME		
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL		
				GP	Poorly graded GRAVEL		
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt		
				GW-GC	Well-graded GRAVEL with clay		
				GP-GM	Poorly graded GRAVEL with silt		
				GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL		
				GC	Clayey GRAVEL		
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND		
				SP	Poorly graded SAND		
SAND WITH BETWEEN 5% AND 15% FINES			SW-SM	Well-graded SAND with silt			
			SW-SC	Well-graded SAND with clay			
			SP-SM	Poorly graded SAND with silt			
			SP-SC	Poorly graded SAND with clay			
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH $\geq 15\%$ FINES		SM	Silty SAND		
				SC	Clayey SAND		
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity		
				CL	Lean inorganic CLAY with low plasticity		
				OL	Organic SILT with low plasticity		
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity		
				CH	Fat inorganic CLAY with moderate to high plasticity		
				OH	Organic SILT or CLAY with moderate to high plasticity		
		HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present Yes ☐ No ☒
- Percentage Fill (%) None
- Fill Description (circle all that apply)

Asphalt Metal Plastic
 Concrete Wood Glass
 Igneous/Metamorphic Gravel ☒ N/A
 Other _____

Is Staining Present Yes ☐ No ☒
 Color brn (7.5YR 4/4)

Odor
 1. Odor Strength (circle one)
☒ None Slight Strong

2. Odor Description (circle one)
 Organic Petroleum Chemical
☒ N/A Other _____

Moisture Condition (circle one)
☒ Dry Moist Wet

PG Signature *Vicki Hoffman*

PG Registration # 2735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cota

Sample ID SL-034-SA5A-SB-2.4-3.4 Date/Time 5/30/13 1310

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 2.4

End Depth 3.4

Depth Units (circle one)

Inches ☐ Feet ☒

Check If Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☐
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015 ☒
	TPH-EFH	EPA 8015 ☒
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT
~~2 DPT~~ 2 DPT 1 4-oz jar, 2 Encores
2 16oz jars

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME		
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL		
				GP	Poorly graded GRAVEL		
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt		
				GW-GC	Well-graded GRAVEL with clay		
				GP-GM	Poorly graded GRAVEL with silt		
				GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL		
				GC	Clayey GRAVEL		
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND		
				SP	Poorly graded SAND		
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt		
				SW-SC	Well-graded SAND with clay		
	SP-SM		Poorly graded SAND with silt				
	SP-SC		Poorly graded SAND with clay				
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH $\geq 15\%$ FINES		SM	Silty SAND		
				SC	Clayey SAND		
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity		
				CL	Lean inorganic CLAY with low plasticity		
				OL	Organic SILT with low plasticity		
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity		
				CH	Fat inorganic CLAY with moderate to high plasticity		
				OH	Organic SILT or CLAY with moderate to high plasticity		
		HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☐ No ☒

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☐ No ☒

Color strong brn 7.5YR 4/6 mottled w/ dk brn (7.5YR 3/3)

Odor

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature _____ PG Registration # 7735

Additional Comments Under 200 ft

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Costin

Sample ID SL-835-SA5A-SB-0.0-0.5 Date/Time 5/30/13 1055

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☐ Feet ☒

Check If Composite ☐

Collection Method (circle one)
 DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	
	EPA 6020	
	EPA 7471 (Soil)	
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 6% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 6% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
		FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50	
	CL				Lean inorganic CLAY with low plasticity
	OL				Organic SILT with low plasticity
LIQUID LIMIT GREATER THAN 50				MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
	HIGHLY ORGANIC SOILS				PT

Fill Material

1. Is Fill Material Present Yes No
2. Percentage Fill (%) 5%
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|-------|---------|
| <u>Asphalt</u> | Metal | Plastic |
| <u>Concrete</u> | Wood | Glass |
| Igneous/Metamorphic Gravel | N/A | |
| Other _____ | | |

Is Staining Present Yes No

Color brn (7.5YR 5/4)

Odor

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Vicki Hoffman

PG Registration # 7235

Additional Comments _____

Location ID: DG-836		Subarea: 5A		Date Started: 5/30/13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-05250-03970-1209-002-223-02234-SSPH3				Total Depth: 1st DPT 3.1' 2nd DPT 3.5' 3rd DPT 3.4'	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled to Bedrock: NA	
GPS collected? Yes or No		Drill Method: DPT				Sampling Method: DPT sleeves	
Radiological Background: Y=13 X=81		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA				Geologist: David Rojas	
Radiological Equipment Used:		PG Review & No.:					
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	13/94 10/42	SL-836 SA5A SB 0.0-0.5	1020	SM	SANDY SANDY brn (7.5YR 5/4) vf-fgn, pg, sr to sa, quartz, dry, loose, 60% silt, to some cgl (roots)
1		3.1/3.1	0.0	10/48			SM	SILTY SAND brn (7.5YR 4/4) vf-fgn, pg, sr to sa, quartz, dry, loose, 50% silt, to bug (roots)
2			0.0	10/60				
2.5-3.5			0.0	10/77	SL-836 SA5A SB 2.5-3.5	1030	SM	SILTY SAND brn (7.5YR 4/4) mottled w/stray brn (7.5YR 5/6) vf to fgn, mod pg, sr to sa, quartz, 40% silt, mod loose, dry
			0.6	10/78				

#7735

**CDM
Smith****BORING LOG AND SAMPLING RECORD**Page 1 of 1**ABBREVIATIONS:**

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cruz

Sample ID SL-836-SA5A-SB-0.0-0.5 Date/Time 5/30/13 1020

Matrix (circle one)
☒ Soil Sediment Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☒ Feet

Check If Composite ☐

Collection Method (circle one)
☒ DPT Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)
☒ N FD FB RB

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Vidal Cortes

Analyses

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
					SW-SC	Well-graded SAND with clay
	SP-SM	Poorly graded SAND with silt				
	SP-SC	Poorly graded SAND with clay				
SAND WITH $\geq 15\%$ FINES		SM	Silty SAND			
		SC	Clayey SAND			
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
		LIQUID LIMIT GREATER THAN 50		OL	Organic SILT with low plasticity	
				MH	Elastic inorganic SILT with moderate to high plasticity	
				CH	Fat inorganic CLAY with moderate to high plasticity	
				OH	Organic SILT or CLAY with moderate to high plasticity	
				PT	PEAT soils with high organic contents	
HIGHLY ORGANIC SOILS						

Fill Material

1. Is Fill Material Present Yes ☐ No ☒

2. Percentage Fill (%) NONE

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☐ No ☒ NO STAINING PRESENT

Color 3/4" 3/4"

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Gtn

Sample ID SL-836-SA5A-SB-2.5-3.5 Date/Time 5/30/13 1030

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 2.5
 End Depth 3.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check If Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2-16 oz jar, 1-4 oz jar & 2 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME		
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL		
				GP	Poorly graded GRAVEL		
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt		
				GW-GC	Well-graded GRAVEL with clay		
				GP-GM	Poorly graded GRAVEL with silt		
				GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL		
				GC	Clayey GRAVEL		
		SAND WITH $\leq 6\%$ FINES		SW	Well-graded SAND		
				SP	Poorly graded SAND		
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt		
				SW-SC	Well-graded SAND with clay		
				SP-SM	Poorly graded SAND with silt		
				SP-SC	Poorly graded SAND with clay		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS</u> THAN 50		SM	Silty SAND		
				SC	Clayey SAND		
		LIQUID LIMIT <u>GREATER</u> THAN 50		ML	Inorganic SILT with low plasticity		
				CL	Lean inorganic CLAY with low plasticity		
				OL	Organic SILT with low plasticity		
				MH	Elastic inorganic SILT with moderate to high plasticity		
				CH	Fat inorganic CLAY with moderate to high plasticity		
				OH	Organic SILT or CLAY with moderate to high plasticity		
			HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present

Yes ☒ No ☐
 Color 2.5-3.0 brn (7.5 YR 4/4)
3.0-3.5 brn (7.5 YR 4/4) mottled strong brn (7.5 YR 5/6)

Odor

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A

Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature *Mike Hoffman*

PG Registration # 7735

Additional Comments _____

Location ID: DG-837	Subarea: 5A	Date Started: 5/30/13	Date Completed:
Client: DOE		Project Name/ID: SSFL-65258-83376-4203-002-223-02231-SSPH	
Company Name: CDM SMITH	Drill Contractor/Driller: Strongarm		Total Depth: 1st DPT = 5.7' 2nd DPT = 5.4' 3rd DPT = 5.4'
GPS collected? Yes or No	Drill Method: DPT	Depth Drilled into Bedrock: NA	
Radiological Background: 8=13 αB=76	Borehole diameter: 2.25	Sampling Method: DPT sleeves	
PID Background: 0.0	Depth to GW: NA	Geologist: David Rojas	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		PG Review & No.:	

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0	0.5	0.5	0.0	13/23	SL-837 SASA SB 0.0-0.5	0813	ML	SILTY SANDY brn (7.5YR 4/4) VF-fgw, pg, sr to sa, quartz, dry, tr to some org (roots), loose 60% silt
1			0.0	10/24			SM	SILTY SAND, AA 50% SILT
2		3.5/35	0.0	10/54				
3			0.0	10/72				
4			0.0	10/66			SM	SILTY SAND brn (7.5YR 5/4) mottled w/ strong brown (7.5YR 5/6), VF-fgw, mod pg, dry, 40% silt, quartz
5			0.0	10/98			SM	SILTY SAND, lt brn (7.5YR 6/4) mottled w/ reddish yellow (7.5YR 6/6), VF-fgw to some mod gw, mod pg, sr to sa, quartz, laminated, friable but sli consolidated, dry, less laminated w/ depth 30% silt
5.5		2.7	0.0	10/54	SL-837 SASA SB 4.5-5.5 MB 0910	0910	SM	SANDY SILTY SAND to SILTY SAND, lt yel brn (10YR 6/4) mottled w/ brn yellow (10YR 6/6), VF-med gw, mod well graded, sr to sa, dry, quartz, 40% silt
5.7		1.7	0.0	10/42	SL-1237 SASA SB 4.5-5.5 0920	0920	SM	SILTY SAND, pale brn (10YR 7/4) mottled w/ brn yel (10YR 6/6), VF-med gw, well graded, sr to sa, quartz, dry, laminated, consolidated, sli friable
								Refusals @ 5.7, 5.4, 5.4, 5.3, 5.1, & 5.4

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cytus

Sample ID SL-837-SA5A-SB-0.0-0.5 Date/Time 5/30/13 0855

Matrix (circle one)

Soil Sediment Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches Feet

Check If Composite ☐

Collection Method (circle one)

DPT ~~Slide Hammer~~ Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)

N FD FB RB

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
VOCs	EPA 8260	
1,4 Dioxane	EPA 8260 SIM	
TPH-GRO	EPA 8015	
TPH-EFH	EPA 8015	☒
Glycols	EPA 8015	
Alcohols	EPA 8015	
Terphenyls	EPA 8015	
Nitrates	EPA 300.0/9056	
Energetics	EPA 8330	
Cyanide	EPA 9012	
Formaldehyde	EPA 8315	
NDMA	EPA 1625	
Sediment	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630

2 ~~APR~~ DPT sleeves & 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME		
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL		
				GP	Poorly graded GRAVEL		
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt		
				GW-GC	Well-graded GRAVEL with clay		
				GP-GM	Poorly graded GRAVEL with silt		
				GP-GC	Poorly graded GRAVEL with clay		
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL		
				GC	Clayey GRAVEL		
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND		
				SP	Poorly graded SAND		
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt		
				SW-SC	Well-graded SAND with clay		
	SP-SM		Poorly graded SAND with silt				
	SP-SC		Poorly graded SAND with clay				
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH $\geq 15\%$ FINES		SM	Silty SAND		
				SC	Clayey SAND		
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity		
				CL	Lean inorganic CLAY with low plasticity		
		LIQUID LIMIT GREATER THAN 50		OL	Organic SILT with low plasticity		
				MH	Elastic inorganic SILT with moderate to high plasticity		
				CH	Fat inorganic CLAY with moderate to high plasticity		
				OH	Organic SILT or CLAY with moderate to high plasticity		
		HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color brn 7.5YR 4/4

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A

Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Ctr

Sample ID SL-837- SA5A- SB-4.5-5.5 MS Date/Time 5/30/13 0910

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 4.5

End Depth 5.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check If Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

6-16oz jar 1-9oz jar 6 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH * 5% FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
	SP-SM		Poorly graded SAND with silt			
	SP-SC		Poorly graded SAND with clay			
SAND WITH ≥ 15% FINES		SM	Silty SAND			
		SC	Clayey SAND			
	FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
					CL	Lean inorganic CLAY with low plasticity
					OL	Organic SILT with low plasticity
			LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity	
				OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

- Is Fill Material Present Yes ☒ No ☐
- Percentage Fill (%) None
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	☒ N/A	
Other _____		

Is Staining Present Yes ☒ No ☐
 Color 4.5-5.4 lt red brn (10YR 4/4) mottled w/ brown (10YR 6/8)
5.4-5.5 v pale brn (10YR 7/4) lt tan (10YR 6/6)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
 Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)
☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

V. Cortez

Sample ID SL-1237-SA5A-SB-4.5-5.5 Date/Time 5/30/13 0920

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 4.5

End Depth 5.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check If Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☐ N ☒ FD ☐ FB ☐ RB

Parent Sample ID SL-837-SA5A-SB-4.5-5.5 MS

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encore	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2-16oz jar & 1 4oz jar & 2 Encours

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 6% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐
 Color 4.5-5.5 lt yel brn (10YR 4/4) mottled / brn yel (10YR 6/6)
3.4-5.5 pale brn (10YR 7/4) 1" 1/6 brn yel (10YR 6/6)

- Odor _____
1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong
2. Odor Description (circle one)
 Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____
- Moisture Condition (circle one)
☒ Dry ☐ Moist ☐ Wet

PG Signature *Nick Hoffman*

PG Registration # 7735

Additional Comments _____

Location ID: DC-838		Subarea: 5A		Date Started: 5/31/13		Date Completed:	
Client: DOE		Project Name/ID: 66FL-65258-60070-1209-002-223-02231.SSPH3				Total Depth: 7.3	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled Into Bedrock: 7.2	
GPS collected? Yes or No		Drill Method: DPT				Depth Drilled Into Bedrock: 6.0	
Radiological Background: Y = 13 10 = 98		Borehole diameter: 2.25					
PID Background: 0.0		Depth to GW:				Sampling Method: DPT sleeves	
Radiological Equipment Used:		PG Review & No.: Mike Hoffman #7735				Geologist: David Rojas	
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.5	0.5	0.0	13/63	SL-838 SA5A-SB 0.0-0.5/MS	935	SM	SILTY SAND, bgn (7.5 YR 4/4) vF to Fgn, pg, sr to sa, quartz, dry, some org (roots), some silt nodules, 50% silt, some large root (~3/4 dia @ 2'	
1	2.5	0.0	10/42	SL-838 SA5A-SB 0.0-0.5	945	SM		
2	3.5	0.0	10/42	SL-838 SA5A-SB 0.0-0.5		SM		
3		0.0	10/42			SM	SILTY SAND, strong bgn (7.5 YR 4/6) mottled w/ bgn (7.5 YR 4/4), vF to Fgn, 4 to med qtz, med pg, sr to sa, quartz, dry, sli to med consolidated, mod laminated becoming more laminated w/ depth, laminites are ~1-2mm to 5' then only sli laminated from 5'-6', ~30% silt	
4		0.0	10/48					
5	3.3	0.0	10/48					
6		0.0	10/48					
7		0.0	10/54					

CDM Smith BORING LOG AND SAMPLING RECORD Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By DRR V. G. J.

Sample ID SL-838-SASA-SB-0.0-0.5 MS

Date/Time 5/31/13 0935

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ ☒ Feet

Check If Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID N/A

Field Geologist DAVID ROJAS

Sampler VIONA CORTES

Analysis

	Parameters	Method	Analyze?
Metals		EPA 6010	X
		EPA 6020	X
		EPA 7471 (Soil)	X
		EPA 7470 (Water)	
Fluoride		EPA 300.0/9056	
SVOCs		EPA 8270	
TIC		EPA 8270	
PAHs		EPA 8270 SIM	X
1,4 Dioxane		EPA 8270 SIM	
Dioxins		EPA 1613	K
PCBs/PCTs		EPA 8082	
Perchlorate		EPA 314.0/331	
Perchlorate Confirmation		EPA 6850/6860	
pH		EPA 9045 (Soil)	X
		EPA 9040 (Water)	
Hexavalent Chromium		EPA 7196/7199	
Herbicides		EPA 8151	
Pesticides		EPA 8081	

	Parameters	Method	Analyze?
Encores	VOCs	EPA 8260	
	1,4 Dioxane	EPA 8260 SIM	
	TPH-GRO	EPA 8015	
	TPH-EFH	EPA 8015	X
	Glycols	EPA 8015	
	Alcohols	EPA 8015	
	Terphenyls	EPA 8015	
	Nitrates	EPA 300.0/9056	
	Energetics	EPA 8330	
	Cyanide	EPA 9012	
Sediment	Formaldehyde	EPA 8315	
	NDMA	EPA 1625	
	Organotin	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630	

6 DPT sleeves, 1-1607, 1-4882, 1-4883, 1-4884, 1-4885, 1-4886, 1-4887, 1-4888, 1-4889, 1-4890, 1-4891, 1-4892, 1-4893, 1-4894, 1-4895, 1-4896, 1-4897, 1-4898, 1-4899, 1-4900, 1-4901, 1-4902, 1-4903, 1-4904, 1-4905, 1-4906, 1-4907, 1-4908, 1-4909, 1-4910, 1-4911, 1-4912, 1-4913, 1-4914, 1-4915, 1-4916, 1-4917, 1-4918, 1-4919, 1-4920, 1-4921, 1-4922, 1-4923, 1-4924, 1-4925, 1-4926, 1-4927, 1-4928, 1-4929, 1-4930, 1-4931, 1-4932, 1-4933, 1-4934, 1-4935, 1-4936, 1-4937, 1-4938, 1-4939, 1-4940, 1-4941, 1-4942, 1-4943, 1-4944, 1-4945, 1-4946, 1-4947, 1-4948, 1-4949, 1-4950, 1-4951, 1-4952, 1-4953, 1-4954, 1-4955, 1-4956, 1-4957, 1-4958, 1-4959, 1-4960, 1-4961, 1-4962, 1-4963, 1-4964, 1-4965, 1-4966, 1-4967, 1-4968, 1-4969, 1-4970, 1-4971, 1-4972, 1-4973, 1-4974, 1-4975, 1-4976, 1-4977, 1-4978, 1-4979, 1-4980, 1-4981, 1-4982, 1-4983, 1-4984, 1-4985, 1-4986, 1-4987, 1-4988, 1-4989, 1-4990, 1-4991, 1-4992, 1-4993, 1-4994, 1-4995, 1-4996, 1-4997, 1-4998, 1-4999, 1-5000, 1-5001, 1-5002, 1-5003, 1-5004, 1-5005, 1-5006, 1-5007, 1-5008, 1-5009, 1-5010, 1-5011, 1-5012, 1-5013, 1-5014, 1-5015, 1-5016, 1-5017, 1-5018, 1-5019, 1-5020, 1-5021, 1-5022, 1-5023, 1-5024, 1-5025, 1-5026, 1-5027, 1-5028, 1-5029, 1-5030, 1-5031, 1-5032, 1-5033, 1-5034, 1-5035, 1-5036, 1-5037, 1-5038, 1-5039, 1-5040, 1-5041, 1-5042, 1-5043, 1-5044, 1-5045, 1-5046, 1-5047, 1-5048, 1-5049, 1-5050, 1-5051, 1-5052, 1-5053, 1-5054, 1-5055, 1-5056, 1-5057, 1-5058, 1-5059, 1-5060, 1-5061, 1-5062, 1-5063, 1-5064, 1-5065, 1-5066, 1-5067, 1-5068, 1-5069, 1-5070, 1-5071, 1-5072, 1-5073, 1-5074, 1-5075, 1-5076, 1-5077, 1-5078, 1-5079, 1-5080, 1-5081, 1-5082, 1-5083, 1-5084, 1-5085, 1-5086, 1-5087, 1-5088, 1-5089, 1-5090, 1-5091, 1-5092, 1-5093, 1-5094, 1-5095, 1-5096, 1-5097, 1-5098, 1-5099, 1-5100, 1-5101, 1-5102, 1-5103, 1-5104, 1-5105, 1-5106, 1-5107, 1-5108, 1-5109, 1-5110, 1-5111, 1-5112, 1-5113, 1-5114, 1-5115, 1-5116, 1-5117, 1-5118, 1-5119, 1-5120, 1-5121, 1-5122, 1-5123, 1-5124, 1-5125, 1-5126, 1-5127, 1-5128, 1-5129, 1-5130, 1-5131, 1-5132, 1-5133, 1-5134, 1-5135, 1-5136, 1-5137, 1-5138, 1-5139, 1-5140, 1-5141, 1-5142, 1-5143, 1-5144, 1-5145, 1-5146, 1-5147, 1-5148, 1-5149, 1-5150, 1-5151, 1-5152, 1-5153, 1-5154, 1-5155, 1-5156, 1-5157, 1-5158, 1-5159, 1-5160, 1-5161, 1-5162, 1-5163, 1-5164, 1-5165, 1-5166, 1-5167, 1-5168, 1-5169, 1-5170, 1-5171, 1-5172, 1-5173, 1-5174, 1-5175, 1-5176, 1-5177, 1-5178, 1-5179, 1-5180, 1-5181, 1-5182, 1-5183, 1-5184, 1-5185, 1-5186, 1-5187, 1-5188, 1-5189, 1-5190, 1-5191, 1-5192, 1-5193, 1-5194, 1-5195, 1-5196, 1-5197, 1-5198, 1-5199, 1-5200, 1-5201, 1-5202, 1-5203, 1-5204, 1-5205, 1-5206, 1-5207, 1-5208, 1-5209, 1-5210, 1-5211, 1-5212, 1-5213, 1-5214, 1-5215, 1-5216, 1-5217, 1-5218, 1-5219, 1-5220, 1-5221, 1-5222, 1-5223, 1-5224, 1-5225, 1-5226, 1-5227, 1-5228, 1-5229, 1-5230, 1-5231, 1-5232, 1-5233, 1-5234, 1-5235, 1-5236, 1-5237, 1-5238, 1-5239, 1-5240, 1-5241, 1-5242, 1-5243, 1-5244, 1-5245, 1-5246, 1-5247, 1-5248, 1-5249, 1-5250, 1-5251, 1-5252, 1-5253, 1-5254, 1-5255, 1-5256, 1-5257, 1-5258, 1-5259, 1-5260, 1-5261, 1-5262, 1-5263, 1-5264, 1-5265, 1-5266, 1-5267, 1-5268, 1-5269, 1-5270, 1-5271, 1-5272, 1-5273, 1-5274, 1-5275, 1-5276, 1-5277, 1-5278, 1-5279, 1-5280, 1-5281, 1-5282, 1-5283, 1-5284, 1-5285, 1-5286, 1-5287, 1-5288, 1-5289, 1-5290, 1-5291, 1-5292, 1-5293, 1-5294, 1-5295, 1-5296, 1-5297, 1-5298, 1-5299, 1-5300, 1-5301, 1-5302, 1-5303, 1-5304, 1-5305, 1-5306, 1-5307, 1-5308, 1-5309, 1-5310, 1-5311, 1-5312, 1-5313, 1-5314, 1-5315, 1-5316, 1-5317, 1-5318, 1-5319, 1-5320, 1-5321, 1-5322, 1-5323, 1-5324, 1-5325, 1-5326, 1-5327, 1-5328, 1-5329, 1-5330, 1-5331, 1-5332, 1-5333, 1-5334, 1-5335, 1-5336, 1-5337, 1-5338, 1-5339, 1-5340, 1-5341, 1-5342, 1-5343, 1-5344, 1-5345, 1-5346, 1-5347, 1-5348, 1-5349, 1-5350, 1-5351, 1-5352, 1-5353, 1-5354, 1-5355, 1-5356, 1-5357, 1-5358, 1-5359, 1-5360, 1-5361, 1-5362, 1-5363, 1-5364, 1-5365, 1-5366, 1-5367, 1-5368, 1-5369, 1-5370, 1-5371, 1-5372, 1-5373, 1-5374, 1-5375, 1-5376, 1-5377, 1-5378, 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SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
			SP-SM	Poorly graded SAND with silt	
			SP-SC	Poorly graded SAND with clay	
SAND WITH $\geq 15\%$ FINES		SM	Silty SAND		
		SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes ☐ No ☒
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☐ No ☒ (7.5 YR 4/4)

Color brn

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic ☐ Petroleum ☐ Chemical ☐

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

DRR V. C. L.

Sample ID SL-1238-SASA-SB-0.0-0.5

Date/Time 5/31/13 09:45

Matrix (circle one)

Soil

Sediment

Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches

Feet

Check If Composite ☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

SL-838-SASA-SB-0.0-0.5 MS

Field Geologist

DAVID ROJAS

Sampler

VICTOR CORTES

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT sleeves & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☐ No ☒
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☐ No ☒

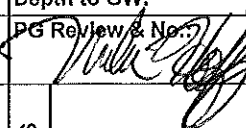
Color bm (7.5YR 4/4)

- Odor
1. Odor Strength (circle one)
- ☒ None ☐ Slight ☐ Strong
2. Odor Description (circle one)
- Organic ☐ Petroleum ☐ Chemical ☐
- ☒ N/A Other _____
- Moisture Condition (circle one)
- ☒ Dry ☐ Moist ☐ Wet

PG Signature *[Signature]*

PG Registration # 7735

Additional Comments _____

Location ID: DG-839		Subarea: 5A		Date Started: 5/31/13		Date Completed:	
Client: DOE		Project Name/#: SSFL-66268-83376.1203.002.223.02231.SSPH3				Total Depth: 1st DPT = 2.4' b/s 2nd DPT = 2.0' 3rd DPT = 2.4'	
Company Name: CDM SMITH		Drill Contractor/Driller: Stargum				Depth Drilled into Bedrock: NA	
GPS collected? Yes or No		Drill Method: DPT				Sampling Method: DPT sleeves	
Radiological Background: 8=13 αβ=99		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used:		PG Review & No.:					
☒ MicroR ☒ Alpha/Beta ☐ Pancake		 #7735					

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	13/101	SL-839 SA5A-50 0.0-0.5	1315	SM	SILTY SAND, km (7.5YR 5/4) f-m gm predominantly f-gm, mod pg, sr to sa, quartz, dry, ~30% silt mod loose becoming sli consolidated w/ depth, dry
1		1.9/1.9	0.0	10/108				ML SANDY SILT, strong, km (7.5YR 4/6), f-gm, pg, sr to sa, quartz, dry, mod loose to loose, ~10% silt
2			0.0	10/96				SM SILTY SAND (10YR 6/4) mottled w/ dk yel km (10YR 4/4), f-m gm, mod pg, sr to sa, quartz, ~20% silt
			0.0	10/60				Refusals @ 2.4', 2.0', & 2.4' b/s

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of __

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cntar

Sample ID SL-839-SA5A-SB-0.0-0.5 Date/Time 5/31/13 1315

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ ☒ Feet

Check if Composite ☐ Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☐
Perchlorate	EPA 314.0/331	☐
Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT sleeves & 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SP-SC	Poorly graded SAND with clay
				SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT GREATER THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
HIGHLY ORGANIC SOILS				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) 0

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color BRW + (7.5 YR 5/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

Location ID: DC-840		Subarea: 5A		Date Started: 5/31/13		Date Completed: →	
Client: DOE		Project Name/#: SSFL-65258-63376-1203.002.223.02231.SSPH3 Sm 12512				Total Depth: 1st HA = 4.3 bls 2nd HA = 4.4 bls	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA	
GPS collected? Yes or No		Drill Method: Hand auger				Sampling Method: Slide hammer	
Radiological Background: 8 = 13 uB = 76		Borehole diameter: 2.75				Geologist: David Rojas	
PID Background: 00		Depth to GW: NA				Slide hammer	
Radiological Equipment Used:		PG Review & No. 7755				Geologist: David Rojas	
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0	0.5	0.5	0.0	13/91	SL-840	1045	SM	SILTY SAND, yel brn (10YR 5/4) mottled w/dk yel brn (10YR 4/4) f-m qm (predom. f qm) med pg, sr to sa, quartz, dry ~30% silt, tr coarse qm - sa, some org (roots), loose
1			0.0	13/78			SM	SILTY SAND, brn (7.5YR 4/4) mottled w/dk brn 7.5YR 3/4 f-m, tr med qm, pg, sr to sa, quartz, dry, 40% silt, some org (roots), loose to
2			0.0	13/72			SM	slightly consolidated
3			0.0	13/66			SM	SILTY SAND, brn (7.5YR 4/4) mottled w/dk brn (7.5YR 3/4) and v dk brn (7.5YR 2.5/2), f qm, pg, sr to sa, quartz, dry, 30% silt, tr to some org (roots), med to well consolidated becoming more consolidated w/depth
4			0.0	13/96				Refusals @ 4.3 & 4.4

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Chtz

Sample ID SL-840-SASA-SB-0.0-0.5 Date/Time 5/31/13 1045

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ ☒ Feet

Check If Composite ☐

Collection Method (circle one)

DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\geq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\geq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
SAND WITH $\geq 15\%$ FINES			SP-SM	Poorly graded SAND with silt	
			SP-SC	Poorly graded SAND with clay	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT GREATER THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☐ No ☒
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☐ No ☒

Color yellow brown (10YR 5/4) mottled w/ dk yellow brown (10YR 4/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

Location ID: DG-841		Subarea: 5A		Date Started: 5/31/13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-65268-93376-1203-002-223-02234-SSPH3-SM 12512				Total Depth: 1st DPT = 7.3 2nd DPT = 7.7 3rd DPT = 7.6	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA	
GPS collected? ☒ Yes or No		Drill Method: DPT				Sampling Method: DPT skates	
Radiological Background: $X=13$ $\alpha\beta=88$		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used:		PG Review & No					
☒ MicroR ☒ Alpha/Beta ☒ Pancake		#7735					

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μ R/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	13/90 11/48	SL-841 SA5A-SB 0.0-0.5	1345	ML	SANDY SILT, brn (7.5YR 5/4) f-m grn, predominantly f-grn, mod pg, sr to sa w/ med grns, sa, quartz, dry, loose from 0.0' to 60% silt, some org (roots) w/ soil
1		3.2/3.5	0.0	11/78				
2			0.0	11/66			ML	SANDY SILT, AA, except less m-grn and sli to mod consolidated. 50% silt well
3			0.0	11/54			SM	SILTY SAND brn yel (10YR 6/4) mottled w/ dk yel brn (10YR 4/4) f-grn, to med grn, mod pg, sr to sa, quartz, dry, mod well consolidated ~30% silt
4			0.0	11/60			SM	SILTY SAND v pale brn (10YR 7/3) mottled w/ yel brn (10YR 5/4) & some brn yellow (10YR 6/8) f-grn, mod pg, sr to sa, quartz, dry, to amt of coarse sd & gravel - sa, mod well consolidated ~40% silt, to org (roots)
5		3.3/4.0	0.0	11/60			SM	SILTY SAND v pale brn (10YR 7/4) mottled w/ yel brn (10YR 5/4) & (10YR 5/6), f-grn, mod pg, sr to sa, quartz, dry, laminated, mod well to well consolidated
6			0.0	11/54				
7			0.0	11/48				
			0.0	11/108				
								Refusals @ 7.3', 7.7' @ 7.6'

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of __

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
ft: fine	mod: moderate	sr: subrounded	ϕ : diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

V. Cgtz

Sample ID

Sh-841-SA5A-SB-0.0-0.5

Date/Time

5/31/13 1345

Matrix (circle one)

☒ Soil

☐ Sediment

☐ Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

☐ Inches

☒ Feet

Check if Composite ☐

Collection Method (circle one)

☒ DPT

☐ Slide Hammer

☐ Hand Auger/Slide Hammer

☐ Trenching

☐ Sediment

QC Type (circle one)

☒ N

☐ FD

☐ FB

☐ RB

Parent Sample ID

NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

	Parameters	Method	Analyze?
	Metals	EPA 6010	☒
		EPA 6020	☒
		EPA 7471 (Soil)	☒
		EPA 7470 (Water)	
	Fluoride	EPA 300.0/9056	
	SVOCs	EPA 8270	
	TIC	EPA 8270	
	PAHs	EPA 8270 SIM	☒
	1,4 Dioxane	EPA 8270 SIM	
	Dioxins	EPA 1613	☒
	PCBs/PCTs	EPA 8082	
	Perchlorate	EPA 314.0/331	
	Perchlorate Confirmation	EPA 6850/6860	
	pH	EPA 9045 (Soil)	☒
		EPA 9040 (Water)	
	Hexavalent Chromium	EPA 7196/7199	
	Herbicides	EPA 8151	
	Pesticides	EPA 8081	

	Parameters	Method	Analyze?
Encores	VOCs	EPA 8260	
	1,4 Dioxane	EPA 8260 SIM	
	TPH-GRO	EPA 8015	
	TPH-EFH	EPA 8015	☒
	Glycols	EPA 8015	
	Alcohols	EPA 8015	
	Terphenyls	EPA 8015	
	Nitrates	EPA 300.0/9056	
	Energetics	EPA 8330	
	Cyanide	EPA 9012	
	Formaldehyde	EPA 8315	
	NDMA	EPA 1625	
Sediment	NOAA Status and Trends, Krone et al.		
	Organotin		
	Methyl Mercury	EPA 1630	

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
		SAND WITH * 5% FINES		GC	Clayey GRAVEL
				SW	Well-graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SP	Poorly graded SAND
				SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY			SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
		LIQUID LIMIT LESS THAN 50		SC	Clayey SAND
			ML	Inorganic SILT with low plasticity	
			CL	Lean inorganic CLAY with low plasticity	
			OL	Organic SILT with low plasticity	
	LIQUID LIMIT GREATER THAN 50			MH	Elastic inorganic SILT with moderate to high plasticity
			CH	Fat inorganic CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				CH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color brn (7.5YR 5/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature _____ PG Registration # _____

Additional Comments _____

Location ID: DG-842	Subarea: 5A	Date Started: 5/29/13	Date Completed:
Client: DOE		Project Name/ID: 68FL-66258-63970-4203.002.223.02231.SSPH3.13512	Total Depth: 1st DPT = 11.7'
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm	Depth Drilled Into Bedrock: N/A
GPS collected? Yes or No X 43		Drill Method: DPT	
Radiological Background: AR = 13 X = 89		Borehole diameter: 2.25	Sampling Method: Slidehammer
PID Background: 0.0 AR		Depth to GW: NA	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		PG Review & No.:	Geologist: David Rojas

Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5	0.5 0.5	0.0 0.0	13/97 13/66	SL-842 SA5A SB 0.0-0.5	1105	SM	SILTY SAND, brn (7.5 YR 5/3) vF-Fgw, mod pg, sr to sa, quartz, dry, some silt nodules, sa. Friable, 40% silt
1	3.0 3.0	0.0	10/24			SM	SILTY SAND, brn (7.5 YR 1/4) vF-Fgw mod pg sr to sa, quartz, dry, some silt nodules, sa. Friable, 40% silt, some organic (roots)
2	3.5 3.5	0.0	10/60			SM	SILTY SAND strong brown (7.5 YR 4/6) vF-Fgw with some med gwn, mod poorly graded, sr to sa, quartz, flakey, friable, dry, 30% silt laminated
3		0.0	10/72				
4		0.0	10/72			ML	SILT, brown (7.5 YR 4/3) vF-Fgw, pg, sr to sa, dry, quartz, to to few org (roots), loose
5	4.0 4.0	0.0	10/48			SM	SANDY SILT, strong brn (7.5 YR 5/6) vF-Fgw mod pg, sr to sa, mod loose, 40% silt
6		0.0	10/48			SM	SILTY SAND, pink (7.5 YR 7/3) mottled w/ reddish yel (7.5 YR 6/6), vF to Fgw w/ few to some med gwn, mod well graded, dry, quartz, trng (roots), 30% silt
7		0.0	10/36				
8		0.0	10/60			ML	SILT, brown (7.5 YR 5/4) vF gwn, pg, sr, dry, quartz, loose
9	3.7 3.7	0.0	10/54			SM	SILTY SAND v pale brn (10 YR 7/4) mottled w/ brn yel (10 YR 6/6), vF-Fgw, mod pg sr to sa, mod consolidated, quartz, dry % SILT = 40%
10	3.8 3.8	0.0	10/60				

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 2

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

David Rojas # 7735

Location ID:

DG-842

Subarea:

5A

Date Started:

5/29/13

Date Completed:

Project: SSFL

Geologist: David Rojas

Total Depth:

Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
11	See Above	0.0	10/84			SM	SILTY SAND, A.A.
11.8	ARR	0.0	10/72			SM	SILTY SAND It has gray (10YR 6/2) mottled w/dk gray brn (10YR 4/2) & some mottling w/yel brn (10YR 5/8), vF to Fgrn w/few to some med grn, mod pg, sr to sa, quartz, consolidated, sli Friable, dry 5% silt = 30% to core (roots) Refusals @ 11.7, 11.8, 11.9

Refusal
@ 11.8
11.9

ARR
11.8
11.9

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

V. CITE

Sample ID SL-842-SA5A-SB-0.0-0.5

Date/Time 5/29/13 1105

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ ☒ Feet

Check If Composite ☐

DPT

☒ Slide Hammer

Collection Method (circle one)

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID

N/A

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encore	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 slide hammer sleeves & 4 oz-jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>< 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 15% FINES</u>		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH <u>< 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
SAND WITH <u>≥ 15% FINES</u>		SM	Silty SAND		
		SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS THAN 50</u>		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT <u>GREATER THAN 50</u>		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☐ No ☒
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☐ No ☒

Color brn 7.5YR 5/3

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments _____

Location ID: DG-843		Subarea: 5A		Date Started: 5-29-13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-05250-03070-1203-002-223-02231-SSPH3-SM				Total Depth: 1st DPT = 10.9 2nd DPT = 10.8 3rd DPT = 11.0	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA	
GPS collected? (Yes) or No		Drill Method: DPT				Sampling Method: Slide hammer	
Radiological Background: 8 = 14 4 90		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA				PG Review & No.:	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake							

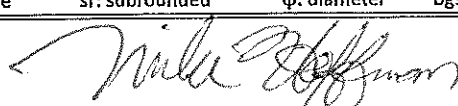
Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials	
1	0.5/0.5	0.0	14/90	SL-843 SA5A-53 0.0-0.5	140	SM	SM	SILTY SAND, brn (7.5VR 5/4) vt to Fgm, mod pg, sr to sa, quartz, dry, tr to few silt nodules mid well	0.5
2	35/35	0.0	10/30			SM	SM	SILTY SAND, brn (7.5VR 5/4) mottled w/ strong brown (7.5VR 5/6) vt to Fgm, tr to few med gwy, mod pg, sr to sa, quartz, dry, 30% silt, laminated sli consolidated	1
3		0.0	10/42			SM	SM	SILTY SAND, yel brn (10VR 5/4) & (10VR 5/6), vt to Fgm, tr med gwy, mod pg, quartz, dry, 40% silt	2.2
4		0.0	10/54			ML	ML	SANDY SILT, lt yel brn (10VR 6/4) mottled w/ brn yel (10VR 6/8), vt to Fgm, pg, sr to sa, dry, quartz, 50% silt, sli consolidated	4.0
5	4/4	0.0	10/60			ML	ML	SANDY SILT, lt yel brn (10VR 6/4) vt to Fgm, pg, sr to sa, quartz, 60% silt, sli consolidated, dry	6.5
6		0.0	10/72			ML	ML	SANDY SILT, yel brn (10VR 5/4) vt to Fgm, pg, sr to sa, quartz, 50% silt dry	8.0
7		0.0	10/90			SM	SM	SILTY SAND, pale brn (10VR 6/3) mottled (w/ 10VR 6/6) brn yellow, vt to Fgm, pg, sr to sa, quartz, some laminations, sli consolidated, dry	9.0
8	2.9/2.9	0.0	10/54						

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 2

ABBREVIATIONS:					
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery	
c: coarse	lt: light	rnd: rounded	v: very		
dk: dark	m: medium	sa: subangular	wg: well graded		
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface	

 7735

Location ID:		Subarea:		Date Started:	Date Completed:		
DC-843		5A		5/29/13			
Project: SSFL				Geologist:	Total Depth:		
				David Rojas	10.9, 10.8, & 11.0		
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
11	SEE ABOVE	0.0	10/24				SM SILTY SAND, lt brn gray (10YR 6/2) mottled w/ yel brn (10YR 5/8), F to F _{ine} , med pg sr to sc, quartz, drus 30% silt loose to slt consolidated
							Refusals @ 10.9, 10.8, & 11.0' b/s

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Carter

Sample ID SL-843-SA5A-SB-0.0-0.5 Date/Time 5/29/13 14:28

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check If Composite ☐

Collection Method (circle one)

DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	
	EPA 6020	
	EPA 7471 (Soil)	
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

1 slide hammer sleeve

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) 0

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color 7.5 YR 5/4 Brown

Odor _____

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

Location ID: DC-844	Subarea: 5A	Date Started: 5/29/13	Date Completed:
Client: DOE		Project Name/ID: SFL-65258-63370-1203-002-223-02231-00PH3	
Company Name: CDM SMITH	Drill Contractor/Driller: Strongarm		Total Depth: 1st DPT = 6.7 2nd DPT = 6.5 3rd DPT = 5.2
GPS collected? ☒ Yes or No	Drill Method: DPT		Depth Drilled into Bedrock: NA
Radiological Background: 8-13-86	Borehole diameter: 2.25 inch		Sampling Method: Slide hammer
PID Background: 0.0	Depth to GW: NA		
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		PG Review & No.:	
			Geologist: David Rojas

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	SL-844 SA5A 9/30/03	13/101 9/74	1345	SM	SILTY SAND, lt brn (7.5 YR 6/4), vf to Fgw with few to some med grn & trace coarse grn, mod wg, sr to sa, quartz 30% silt
1			0.0	9/31			SM	SILTY SAND, lt red brn (5 YR 6/3) mottled w/ 5 YR 4/4 red brn vf to Fgw, vf to few med grn, laminated, mon well consolidated, friable, dry, quartz, 30% silt
2		3.5/3.5	0.0	9/48			SM	SILTY SAND strong brown (7.5 YR 4/6) vf to Fgw sr to sa, sli consolidated, dry, quartz 30% silt
3			0.0	9/50			SM	SILTY SAND, lt yel brn (10 YR 4/4) mottled w/ brn yel (10 YR 6/6) vf to Fgw, pg, sr to sa, quartz, dry 30% silt
4			0.0	9/60			ML	SILT, brn (7.5 YR 5/4) vf to Fgw, pg, sr to sa quartz, dry to org. roots, loose
5		2.7/2.7	0.0	9/72			SP/SM	SILTY SAND yel brn (10 YR 5/6) mottled with dk yel brn (10 YR 4/4), vf to Fgw, mod pg, sr to sa, quartz, dry, mod loose 40% silt
6			0.0	9/160			ML	SILT, brn (7.5 YR 4/4) vf to Fgw, pg, sr to sa, quartz, loose
6.7			0.0	9/90				Refusal @ 6.7, 6.5, 5.2

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortes

Sample ID SL-844-SA5A-SB-0.0-0.5 Date/Time 5/29/13 1345

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check If Composite ☐

Collection Method (circle one)

DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID N/A

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☐
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
	HIGHLY ORGANIC SOILS	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present Yes ☒ No ☐
- Percentage Fill (%) None
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	☒ N/A	
Other _____		

Is Staining Present Yes ☒ No ☐
 Color lt brn 7.5 YR 6/4

Odor
 1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
 Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)
☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

Location ID: DC-845		Subarea: 5A		Date Started: 6-7-13		Date Completed:	
Client: DOE		Project Name/ID: SSFL-05258-03376.1203.002.223.02231.SSPH3				Total Depth: 1st DPT = 5.5' 2nd DPT = 5.5' 3rd DPT = 5.5'	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA	
GPS collected? (Yes or No)		Drill Method: DPT				Sampling Method: DPT SS Slave	
Radiological Background: Y = 14 α B = 84		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA				PG Review & Non	
Radiological Equipment Used:		PG Review & Non				Geologist: David Rojas	
☒ MicroR ☒ Alpha/Beta ☒ Pancake		Multi Hoffman #7735					

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μ R/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5	0.5	0.0	0.0	14/104	SL-845	0840	SM	SILTY SAND, strong brown (7.5YR 5/6) mottled w/lt brown (7.5YR 6/4) Fgn, pg, sr to sa, quartz, loose, dry, ~30% silt, to light sig. (roots)
1	3.2	0.0	0.0	10/54	SA5A-58		ML	SILTY SANDY SILT (7.5YR 5/4) Fgn, pg, sr to sa, quartz, dry, loose, ~60% silt
2	3.5	0.0	0.0	10/60			SM	SILTY SAND, dk yel brown (10YR 4/4) mottled w/lt yel brown (10YR 6/4) Fgn, pg, sr to sa, quartz, to a few roots, mod. dry to sli moist, mod well compacted, sli to mod laminated, ~30% silt
3		0.0	0.0	10/78				
4	1.5	0.0	0.0	10/78			SM	SILTY SAND, lt yel brown (10YR 6/4) mottled w/brown yel (10YR 6/8) & dk yel brown (10YR 4/6) Fgn, pg, sr to sa, quartz, dry to sli moist, mod. loose grading to mod well compacted, to amt clay, low plasticity ~20% silt decreasing to ~15% silt w/depth
5	1.5	0.0	0.0	10/54				
		0.0	0.0	10/72				
Refusals @ 5.5, 5.5, & 5.5' b/s								

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	ϕ : diameter	bgs: below ground surface

Location ID:

Subarea:

Date Started:

Date Completed:

Project: SSFL

Geologist:

Total Depth:

Depth (feet)
bgsRecovery
(feet)PID
(ppm)Radiological
(μ R/cpm)Sample
NameSample
Time

USCS

Description of Materials

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortez

Sample ID SL-845-SA5A-SB-00-0.5 Date/Time 6-7-13/ 0840

Matrix (circle one)	Start Depth	Depth Units (circle one)
☒ Soil ☐ Sediment ☐ Water	<u>0.0</u>	Inches ☒ Feet
	End Depth <u>0.5</u>	

Check if Composite ☐ Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	
	EPA 6020	
	EPA 7471 (Soil)	
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

1 DPT SS & levee

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		SP-SC	Poorly graded SAND with clay
				SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT GREATER THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
	HIGHLY ORGANIC SOILS			MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)

Asphalt Metal Plastic
 Concrete Wood Glass
 Igneous/Metamorphic Gravel ☒ N/A
 Other _____

Is Staining Present Yes ☒ No ☐

Color Strong brown (7.5YR 5/6) mottled w/lt brown (7.5YR 6/4)

Odor

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A

Other _____

Moisture Condition (circle one)

☒ Dry

Moist

Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

Location ID: DC-846		Subarea: 5A		Date Started: 6-7-13		Date Completed:	
Client: DOE		Project Name/ID: 96FL-05258-03376-1200-002-223-02234-SSFLH3				Total Depth: 1st DPT = 5.5 2nd DPT = 5.4 3rd DPT = 5.4	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled Into Bedrock: NA	
GPS collected? ☒ Yes or No		Drill Method: DPT				Sampling Method: DPT Spleaks	
Radiological Background: 8=12-9889		Borehole diameter: 2.25"				Geologist: David Rojas	
PID Background:		Depth to GW: NA				Geologist: David Rojas	
Radiological Equipment Used:		PG Review & No. 7735					
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5	0.0	12/87	SL-846 SASA-SB 0.0-0.5	0915	SM	SILTY SAND, brn (7.5YR 5/4), Fgn, pg, sr to sa, quartz, dry, mod loose to loose; few silty sand nodules; sr to sa - friable, few to some org (roots) ~20% silt
1		3.8	0.0	10/60			SM	SAND w/ silt, strong brn (7.5YR 4/6) mottled w/ (7.5YR 5/6) and red yel (7.5YR 6/6) Fgn, pg, sr to sa, quartz, dry, mod well consolidated, mod friable, 10% silt, tr to few org (roots)
2		4.0	0.0	10/72			SM	SILTY SAND, red brn (5YR 5/4), Fgn, pg, sr to sa, quartz, dry, loose to silty compacted, ~40% silt, tr org (roots)
3			0.0	10/78			SM	SILTY SAND, strong brn (7.5YR 5/6) mottled w/ brn (7.5YR 4/4) and red yel (7.5YR 6/6) Fgn, pg, sr to sa, quartz, tr to mod med grsd, mod well consolidated, mod friable to friable, ~20% silt, dry
4		1.5	0.0	10/72				
5		1.5	0.0	10/60			SP	SAND, yel brn (10YR 5/6) mottled w/ brn yel (10YR 6/6) Fgn, pg, sr to sa, quartz, mod loose, dry to silty med, < 5% silt
			0.0	10/78				Refusals @ 5.5, 5.4, & 5.4

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of ____

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

[illegible]

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortes

Sample ID SL-846-SA5A-SB-0.0-0.5 Date/Time 6-7-13 / 0915

Matrix (circle one)	Start Depth <u>0.0</u>	Depth Units (circle one)
☒ Soil ☐ Sediment ☐ Water	End Depth <u>0.5</u>	Inches ☒ Feet

Check if Composite ☐ Collection Method (circle one)

☒ DPT Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Sleeves & 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
			GRAVEL WITH $\geq 15\%$ FINES		GM
		SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq 5\%$ FINES		SW
				SP	Poorly graded SAND
	SAND WITH BETWEEN 5% AND 15% FINES			SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
	SAND WITH $\geq 15\%$ FINES			SM	Silty SAND
				SC	Clayey SAND
	FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
LIQUID LIMIT GREATER THAN 50				MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No

2. Percentage Fill (%) ϕ N/A

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No

Color BROWN (7.5 YR 5/4)

Odor

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments _____

Location ID: DC-847		Subarea: 5A		Date Started: 6-7-13		Date Completed:	
Client: DOE		Project Name/#: 99FL-65258-63376-4203-002-223-02234, SSPH3 ^{sin} 12512				Total Depth: 1st DPT = 2.4 2nd DPT = 2.1 3rd DPT = 2.1	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock:	
GPS collected? (Yes or No)		Drill Method: DPT				NA	
Radiological Background: Y=13 X=69		Borehole diameter: 2.25				Sampling Method:	
PID Background: 0.0		Depth to GW: NA				DPT Sleeves	
Radiological Equipment Used:		PG Review & No: W. Hoffman, 7735				Geologist: David Rojas	
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
SAMPLE 0.0-0.5	0.5	0.0	13/80	SL-847	0945	5/SM	SAND w/ SILT, brn (7.5YR 5/4) Fgn, pg, sr to sa, quartz, dry, loose, few amt sandy silt nodules sr to sa, friable, ~10% silt, few to some org (roots)	
	0.5	0.0	10/78	SA5A-SB				
1	1.9	0.0	10/72				SM SILTY SAND, strong brn (7.5YR 5/6) mottled w/ yel-red (5YR 5/6), Fgn, pg, sr to sa, quartz, dry, loose to sli compacted, ~30% silt, tw and org (roots)	
2		0.0	10/60				ML SAND/ brn (7.5YR 5/4) Fgn, pg, sr to sa, quartz, loose, dry, tw and org (roots), ~60% SILT	
		0.0	10/66				Refusals @ 2.4, 2.1, & 2.1 b/s	

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of ____

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Location ID:			Subarea:		Date Started:		Date Completed:	
Project: SSFL					Geologist:		Total Depth:	
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological (μ R/cpm)	Sample Name	Sample Time	USCS	Description of Materials	

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

David P. [Signature]

Sample ID

SL-847-SASA-SB-0.0-0.5

Date/Time

6/7/13 / 0945

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

N/A

Field Geologist

DAVID ROSAS

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	✓
	EPA 6020	✓
	EPA 7471 (Soil)	✓
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCS	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	✓
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	✓
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	✓
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	NOAA Status and Trends, Krone et al.	
	Organotin	
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
				SP-SM	Poorly graded SAND with silt	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH $\geq 15\%$ FINES		SP-SC	Poorly graded SAND with clay	
				SM	Silty SAND	
				SC	Clayey SAND	
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
			LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
					CH	Fat inorganic CLAY with moderate to high plasticity
					OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes ☐ No ☒

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☐ No ☒

Color tan (7.5YR 5/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A

Other _____

Moisture Condition (circle one)

☒ Dry

☐ Moist

☐ Wet

PG Signature [Signature]

PG Registration #

7735

Additional Comments _____

Location ID: DC-848		Subarea: 5A		Date Started: 6-7-13		Date Completed: →	
Client: DOE		Project Name/ID: SSFL-65259-03376-1203-002-223-02234-SSPH3				Total Depth: 1 DPT = 3.6 2nd DPT = 9.0 3rd DPT = 9.0	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled Into Bedrock: 9.0	
GPS collected? (Yes) or No		Drill Method: DPT				Depth Drilled Into Bedrock: NA	
Radiological Background: Y=14 B=110		Borehole diameter: 2.25				Sampling Method:	
PID Background: 00		Depth to GW: NA				Geologist: David Rojas	
Radiological Equipment Used:		PG Review & No.:					
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
SAMPLE 0.0-0.5		0.5	0.0	14/97	SL-848	10/5	SM	SILTY SAND, dk yel brn (10YR 4/4) fgm, pg, sr to sa, quartz, loose to sli compacted, dry, ~20% silt
1		3.5	0.0	10/48	SA5A-SB		SM	SILTY SAND, (brn 7.5YR 4/4) mottled w/strong brown (7.5YR 5/6) fgm, pg, sr to sa, quartz, dry, mod well compacted, mod friable to sli hard, tr to mod lamination ~2mm thick. ~30% silt
2			0.0	10/60				
3			0.0	10/66			SM	SILTY SAND, red brn (5YR 4/4) mottled w/yel red (5YR 5/6) and strong brn (7.5YR 5/6) fgm w/tr to few med gm, pg, sr to sa, quartz, mod well consolidated, tr amt lamination, some sandy silt nodules, mod friable, ~20% silt, dry
4			0.0	10/72				increasing to mod amt lamination below 3.5' b/s
5		3.7	0.0	10/72				
6			0.0	10/78			SP	SAND w/SILT, yel brn (10YR 5/4) mottled w/lt yel brn (10YR 4/4) and yel brn (10YR 5/6) fgm, pg, sr to sa, quartz, tr amt med gm, mod to well consolidated, mod friable, ~10% silt, sli moist
7			0.0	10/90			SP	SAND, pale brn (10YR 6/3) mottled w/lt yel brn (10YR 4/4) and yel brn (10YR 5/6) w/tr amt mottling w/strong brn (7.5YR 5/6) fgm, pg, sr to sa, quartz, w/depth, fgm w/tr to few med & coarse gm increasing w/depth, <5% silt, sli moist, loose
8		1.0	0.0	10/96				
9			0.0	10/78				Refused @ 3.6, 9.0, & 9.0

CDM Smith**BORING LOG AND SAMPLING RECORD**Page 1 of **1****ABBREVIATIONS:**

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

[illegible]

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

David Rojas

Sample ID

SL-848-SASA-SB-0.0-0.5

Date/Time

6/7/13 / 1015

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

N/A

Field Geologist

DAVID ROJAS

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	✓
	EPA 6020	✓
	EPA 7471 (Soil)	✓
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	✓
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	✓
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	✓
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
			SP-SM	Poorly graded SAND with silt	
			SP-SC	Poorly graded SAND with clay	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- Asphalt Metal Plastic
- Concrete Wood Glass
- Igneous/Metamorphic Gravel ☒ N/A
- Other _____

Is Staining Present Yes ☒ No ☐

Color dk Yel (10YR 4/4)

Odor

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

Location ID: 06-849		Subarea: 5A		Date Started: 7-29-13		Date Completed: 7-29-13	
Client: DOE				Project Name/#: Santa Susana Field Lab/99489		Total Depth: 4.7'	
Company Name: CDM SMITH				Drill Contractor/Driller: <i>Stranger</i>		Depth Drilled into Bedrock: N/A	
GPS collected? ☒ Yes or No				Drill Method: OPT		Sampling Method: OPT	
Radiological Background: 13272				Borehole diameter: 2.25"		Geologist: J. Faubion	
PID Background: 0.0				Depth to GW: N/A			
Radiological Equipment Used:				PG Review & No: <i>Walter Clifton #7735</i>			
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
.5			0.0	13269	SL-849	0945	ML	SILT, SYR 4/6 yellow red, dry, loose 100% ML
1			0.0	13260	SA 5A		ML	SILT, SYR 4/6, moist, loose 100% ML
2			0.0	132102	SB 0.0-0.5		ML	SILT, as above - color Δ SYR 4/6 → 10R 3/6 red brown
3			0.0	13266			ML	SILT, 10R 3/6, loose, moist - no stain/dk 100% ML
4			0.0	13230			ML	SILT, trace sand, mud FeOx stain, 10R 3/6
4.7			0.0	12242			SP	4.2' transition silt to sand 10R 3/6
							SP	SP. v. Fg. sa to sr silica sand, 100% SP - strong FeOx stain
								- refusal #1 4.7
								- " #2 4.7
								- " #3 5.0

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:					
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery	
c: coarse	lt: light	rnd: rounded	v: very		
dk: dark	m: medium	sa: subangular	wg: well graded		
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface	

[illegible]

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

T. Bennett

Sample ID

SL-849-SASA-SB-0.0-0.5

Date/Time

7-29-13 0945

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

Depth Units (circle one)

Inches

Feet

End Depth

0.5

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

N/A

Field Geologist

J. Foubion

Sampler

T. Bennett

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	<i>X</i>
	EPA 6020	<i>X</i>
	EPA 7471 (Soil)	<i>X</i>
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCS	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	<i>X</i>
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	<i>X</i>
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	<i>X</i>
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

*2 - s.s. sleeves
1 - 402 j 9m*

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH <u>≥ 15% FINES</u>		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH <u>≥ 15% FINES</u>		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS THAN 50</u>		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT <u>GREATER THAN 50</u>		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☐ No ☒

2. Percentage Fill (%) _____

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present ☒ Yes ☐ No

Color 5YR 4/6

Odor

1. Odor Strength (circle one)
None ☒ Slight ☐ Strong ☐

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

Dry ☐ Moist ☒ Wet ☐

PG Signature *Mike Hoffman*

PG Registration # 7735

Additional Comments _____

Location ID: DC-850		Subarea: 5A		Date Started: 6-14-13		Date Completed:	
Client: DOE		Project Name/ID: 66FL-65258-63376-1203-002-223-02234-SSPH3-MB				Total Depth: 1st DPT=5.8 2nd DPT=5.8 3rd DPT=5.0	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock:	
GPS collected? ☒ Yes ☐ No		Drill Method: DPT				Depth Drilled into Bedrock: NA	
Radiological Background: X=12 Y=80		Borehole diameter: 2.25 inches				Sampling Method:	
PID Background: 00		Depth to GW: NA				Sampling Method: DPT Sleeves	
Radiological Equipment Used:		PG Review & No: Mike Hoffman 7735				Geologist: David Rojas	
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	12/91	SL-850 SASA-SB 0.0-0.5	0905	SP/SM	SAND w/ SILT, brn (7.5YR 5/4), tg, pg, sr to sa, quartz dry, ~10% silt, compacted, sli to mod laminated (2-6mm), tr ant org (roots), tr ant med grains increasing in amount w/ depth, gradual contact w/ unit below.
1			0.0	10/42				
2		3.5/3.5	0.0	10/51			SP/SM	SAND w/ SILT, yel brn (10YR 5/6) mottled w/ dk yel brn (10YR 4/6), f-m gm, pg, sr to sa, quartz, mod compacted to compacted, mod laminated (3-6mm) mod friable to friable, dry, ~10% SILT
3			0.0	10/48			SP	SAND, brn yel (10YR 4/6) mottled w/ yel brn (10YR 5/8) fgm w/ tr ant med gm, pg, sr to sa, quartz, sli to mod compacted, friable, dry, < 5% SILT
4			0.0	10/51				
5		1.2/1.8	0.0	10/42			SP	SAND, pale brn (10YR 7/4) mottled w/ brn yel (10YR 6/6) fgm, pg, sr to sa, quartz, loose, dry, tr to few ant of coarse sand-sized & fine gravel sized grains sr, sandstone, v dk gray (N3)
			0.0	10/60				

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: graded	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By John Halseth

Sample ID SL-850-SA5A-SB-0.0-0.5 Date/Time 6-14-13 / 0905

Matrix (circle one) ☒ Soil ☐ Sediment ☐ Water	Start Depth <u>0.0</u> End Depth <u>0.5</u>	Depth Units (circle one) Inches ☒ Feet
---	--	--

Check If Composite ☐ Collection Method (circle one) ☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one) ☒ N ☐ FD ☐ FB ☐ RB Parent Sample ID NA

Field Geologist David Rojas

Sampler John Halseth

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Steeves & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH ≤ 5% FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH ≤ 5% FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
					SW-SC	Well-graded SAND with clay
					SP-SM	Poorly graded SAND with silt
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH ≥ 15% FINES		SP-SC	Poorly graded SAND with clay	
				SM	Silty SAND	
				SC	Clayey SAND	
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
LIQUID LIMIT GREATER THAN 50				MH	Elastic inorganic SILT with moderate to high plasticity	
				CH	Fat inorganic CLAY with moderate to high plasticity	
				OH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color brn (7.5YR 7/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic ☐ Petroleum ☐ Chemical ☐

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments NA

Location ID: DG-851		Subarea: SA-		Date Started: 7-29-13		Date Completed: 7-29-13	
Client: DOE				Project Name/ #: Santa Susana Field Lab/99489		Total Depth: 5.3	
Company Name: CDM SMITH				Drill Contractor/Driller:		Depth Drilled into Bedrock: N/A	
GPS collected? Yes or No				Drill Method: DPT		Borehole diameter: 2.25	
Radiological Background: 12286				Depth to GW:		Sampling Method: DPT	
PID Background: 0.0				PG Review & No: <i>Mike Hoffman #7735</i>		Geologist: J. Faubion	
Radiological Equipment Used:							
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.5			0.0	12292	SL-851		ML	SILT, 5YR 4/6 yellow red
1			0.0	12266	SA 5A		ML	SILT, 5YR 4/6 100% ML
			0.0	12760	SB 0.0	0840	ML	color Δ 5YR 4/6 yellow red to 10R 3/6 red brown
2			0.0	12748	0.5		ML	SILT, 10R 3/6 red brown, loose, moist, 100% ML
3			0.0	12736			ML	SILT, 10R 3/6 red brown, loose, moist, 100% ML
4			0.0	12766			ML	SILT, 10R 3/6 red brown, loose, moist, 100% ML
5			0.0	12760			SP	SAND, SP silica sand 10YR 8/3 light brown
TD	5.3			12760			SP	SAND, SP silica sand, sa to sr u.f.g. sand
								5.3 refusal ±1
								1 4.7 #2
								2 4.7 #3
								3 5.0 #4

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:					
amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery	
c: coarse	lt: light	rnd: rounded	v: very		
dk: dark	m: medium	sa: subangular	wg: well graded		
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface	

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

[Signature]

Sample ID

SL-851-SA5A-SB0.005

Date/Time

7-29-13 0840

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

N/A

Field Geologist

J. Faubion

Sampler

T. Bennett

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	<u>X</u>
	EPA 6020	<u>X</u>
	EPA 7471 (Soil)	<u>X</u>
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	<u>X</u>
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	<u>X</u>
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	<u>X</u>
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 <u>X</u>
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2-s.s. sleeves

1-4 oz jars

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINE		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
SAND WITH ≥ 15% FINES		SM	Silty SAND		
		SC	Clayey SAND		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) N/A
3. Fill Description (circle all that apply)
- Asphalt Metal Plastic
- Concrete Wood Glass
- Igneous/Metamorphic Gravel ☒ N/A
- Other _____

Is Staining Present Yes No

Color 5YR 4/6 yellow red

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

Dry ☒ Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments N/A

Location ID: DG-852	Subarea: 5A	Date Started: 6-14-13	Date Completed:
Client: DOE		Project Name/ID: 60FL-05250-03376-1209.002.223.02231.SSPH3 MB	Total Depth: 1st NA=5.6 2nd NA=3.6
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm	Depth Drilled into Bedrock: NA
GPS collected? Yes or No		Drill Method: Slidehammer/Hondaugen	
Radiological Background: Y=13 X=81		Borehole diameter: 2.75 inches	Sampling Method: Slidehammer/Hondaugen
PID Background: 0.0		Depth to GW: NA	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		PG Review # No.: 7735	Geologist: David Rojas

Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1		0.0	13/96	SL-852 SA5A-SB	1250	SP	SAND w/ SILT, yel brn (10YR 5/4) fgn w/ to med gm, pg, sr to sa, quartz, sli compacted to mod loose dry, ~10% silt, few org (roots) ~10% silt, friable
		0.0	12/60	SL-1252 SA5A-SB	1310	SM	SILTY SAND, brn (7.5YR 5/4) fgn, pg, sr to sa, quartz, mod compacted, friable, dry, ~30% silt to ant org (roots)
2		0.0	10/78			SM	SILTY SAND, strong brn (7.5YR 4/6) mottled w/ (7.5YR 5/8) fgn, pg, sr to sa, quartz, dry to sli moist, mod compacted, mod friable to friable, ~20% silt
3		0.0	12/84			SM	SILTY SAND, strong brn (7.5YR 4/6) mottled w/ red yel (7.5YR 6/6) and yel red (5YR 4/6) fgn, pg, sr to sa, quartz, sli moist, ~15% silt, sli compacted, mod friable, to ant of clay, dispersed w/ sand increasing in amount w/ depth
4		0.0	12/90			CLAYEY SP	SAND, yel brn (10YR 5/6) mottled w/ brn yel (10YR 4/6) and dk yel brn (10YR 4/4) and (10YR 3/4), fgn, pg, sr to sa, quartz, sli compacted, mod friable, moist ~30% clay, dk gray brn (10YR 4/2) dispersed in sand and present as sandy clay blebs, low plasticity, mod firm to soft, blebs are rounded
5		0.0	12/90	SL-B	1325	SC	

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By John Halseth

Sample ID SL-852-SA5A-SB-0.0-0.5MS Date/Time 6-14-13 / 1250

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)

DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler John Halseth

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

Slidehammer
6 DPT SS Sleeves & 1 9-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH * 5% FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
				SP-SM	Poorly graded SAND with silt	
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH ≥ 15% FINES		SP-SC	Poorly graded SAND with clay	
				SM	Silty SAND	
				SC	Clayey SAND	
		LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
			LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
					CH	Fat inorganic CLAY with moderate to high plasticity
					OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS			

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color gel brn (10YR 5/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature *Mike Hoffman*

PG Registration # 7735

Additional Comments NA

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By John Halsey

Sample ID SL-1252-SA5A-SB-0.0-0.5 Date/Time 6/14/13 / 1310

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ ☒ Feet

Check If Composite ☐

Collection Method (circle one)

DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

N ☐ ☒ FD ☐ FB ☐ RB

Parent Sample ID SL-852-SA5A-SB-0.0-0.5 MS

Field Geologist David Rojas

Sampler John Halsey

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 slidehammer SS sleeves & 1 4oz

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	☒	
Other _____		

Is Staining Present Yes ☒ No ☐

Color yellow (10YR 5/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
 Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

John Halsey

Sample ID

SL-B52-SA5A-SB-4.5-5.5
~~*0.0-0.5*~~

Date/Time

6-14-13 / 1325

Matrix (circle one)

Soil

Sediment

Water

Start Depth

4.5

End Depth

5.5

Depth Units (circle one)

Inches

Feet

Check if Composite ☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

David Rojas

Sampler

John Halsey

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 slidehammer SS Steers, 1 4oz jar & 2 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color yellow brown (10YR 5/8) mottled w/ brown (10YR 4/6)

Odor and a yellow brown (10YR 4/4) and (10YR 3/4)

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

Dry ☒ Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

Location ID: DG-853		Subarea: 5A		Date Started: 7-29-13		Date Completed: 7-29-13	
Client: DOE				Project Name/ #: Santa Susana Field Lab/99489		Total Depth: 4.5	
Company Name: CDM SMITH				Drill Contractor/Driller:		Depth Drilled into Bedrock: N/A	
GPS collected? ☒ Yes ☐ No				Drill Method: OPT		Borehole diameter: 2.25"	
Radiological Background: 13266				Depth to GW: N/A		Sampling Method: OPT	
PID Background: 0.0				PG Review & No.: N/A		Geologist: J. F. RUBIN	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological I (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1			0.0	12784	SL-853	0800	ML	SILT, 5YR 4/6 yellow red, soft loose, moist 100% ML
			0.0	12772	SA 5A			
			0.0	12760	SB 0.0			
					0.5			
2			0.0	12748			ML	SILT, 5YR 4/6 - as above - color Δ 5YR 4/6 to 10R 3/6 red brown
3			0.0	12736			ML	SANDY SILT, 10R 3/6, ML 75% SP 25%
4			0.0	12760	SL-853	0815	SP	SANDY SILT, (decomp ss) 10R 3/6
					SA-5A			SAND, P.G. silica, sa to sr, strong
					SB 4.5			FeOx stain throughout 10R 3/6
					4.5			SAND, as above, moist, cohesive
								SP sand v.f. g' sa to sr 100%
								4.5 #1
								4.5 #2
								4.7 #3

**CDM
Smith**

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
l: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Location ID:			Subarea:		Date Started:		Date Completed:	
Project: SSFL					Geologist:		Total Depth:	
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiologica I (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials	
Empty table body for data entry								

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

Bennett

Sample ID

SL-853 - SAS-SB-405F

Date/Time

7-29-13 0815

Matrix (circle one)

Soil

Sediment

Water

Start Depth

3.5

End Depth

4.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

N/A

Field Geologist

J. Faubion

Sampler

T. Bennett

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	X
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) N/A
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | <u>N/A</u> | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color 10R 3/6 red brown

Odor

1. Odor Strength (circle one)
None ☒ Slight ☐ Strong ☐

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☐
N/A Other _____

Moisture Condition (circle one)

Dry ☐ Moist ☒ Wet ☐

PG Signature [Signature]

PG Registration # 7735

Additional Comments N/A

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

Bennett

Sample ID

SL-853-SAS-SB 0.0-0.5

Date/Time

7-29-~~98~~⁰⁵ 0800

Matrix (circle one)

Soil

Sediment

Water

Start Depth

0.0

End Depth

0.5

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

OPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

N/A

Field Geologist

J. Faubion

Sampler

T. Bennett

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
VOCs	EPA 8260	
1,4 Dioxane	EPA 8260 SIM	
TPH-GRO	EPA 8015	
TPH-EFH	EPA 8015	☒
Glycols	EPA 8015	
Alcohols	EPA 8015	
Terphenyls	EPA 8015	
Nitrates	EPA 300.0/9056	
Energetics	EPA 8330	
Cyanide	EPA 9012	
Formaldehyde	EPA 8315	
NDMA	EPA 1625	
Sediment	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630

2-s.s. sleeves

1-4 oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) N/A

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color 5YR 4/6

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

Dry ☒ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments N/A

Location ID: DG-854		Subarea: 5A		Date Started: 6-18-13		Date Completed: 6-18-13	
Client: DOE		Project Name/ID: 66258-53376-1203-002-225-02231-SSPH3 MB				Total Depth: 1st DPT = 2.6 5.1 2nd DPT = 2.8 5.0 3rd DPT = 2.8 5.3	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled: NA 5.3	
GPS collected? ☒ Yes or No		Drill Method: DPT				Sampling Method: DPT Sleeves	
Radiological Background: $\gamma = 13$ $\alpha = 85$		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA				PG Review & No. 7735	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		Description of Materials				Moved location of 854 6' south of originally proposed location due to inability to advance below 2.5' b/s	
Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μ R/cpm)	Sample Name	Sample Time	USCS
0.0-0.5		0.5/0.5	0.0	13/91	SL-854 SA5A-SB 0.0-0.5	0925	SM
1		28/35	0.0	10/48			
2			0.0	10/54			
3			0.0	10/60			
4			0.0	10/66			
4.0-5.0		1.3/1.3	0.0	10/78	SL-854 SA5A-SB 4.0-5.0	1000	SP
SILTY SAND, brn (7.5YR 5/4), Fgm, pg, sr to sa, quartz, dry, loose to sli compacted (more compacted w/ depth) Friable to mod friable, few to some org (roots) ~30% silt abrupt contact w/ unit below SILTY SAND, brn yel (10YR 6/6) mottled w/ yel brn (10YR 5/4) and brown (10YR 5/3), Fg, pg, sr to sa, quartz, dry, mod loose to sli compacted; abundant silt, sand nodules, tabular, mod hard, mod friable. Unit has ~20% silt SAND w/ CLAY, brn (10YR 4/3) mottled w/ yel brn (10YR 5/4) and sheng, brn (7.5YR 5/6), Fg, pg, sr to sa, quartz, dry, tr and med grw sd. clay is dispersed in unit - low plasticity, mod stiff to sli soft, brittle, ~10% clay; tr to Fgm amount silt. SAND, brn yel (10YR 6/8) mottled w/ v pale brn (10YR 7/4) and yel brn (10YR 5/4), Fgm, pg, sr to sa quartz, mod loose to sli compacted dry to sli moist, tr and clayey sand nodules, Friable SAND w/ clay, brn yel (10YR 6/6) mottled w/ dk gray brn (10YR 4/2) Fgm, pg, sr to sa, quartz, mod loose w/ laminae of silt & clay tabular, low plasticity, hard, brittle; unit is dry to sli moist Refusals @ 5.1, 5.0, & 5.3							

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	ϕ : diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Carter

Sample ID SL-854-SA5A-SB-0.0-0.5 Date/Time 6-18-13 / 0925 0945

Matrix (circle one) ☒ Soil Sediment Water	Start Depth <u>0.0</u> End Depth <u>0.5</u>	Depth Units (circle one) Inches ☒ Feet
---	--	--

Check if Composite ☐ Collection Method (circle one) ☒ DPT Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one) ☒ N FD FB RB Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil) EPA 9040 (Water)	X
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 DPT SS Skeives & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 10% FINEC		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color brn (7.5YR 5/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

Moved proposed boring location ~1/2' South to allow for deeper penetration. Only able to achieve DPT to 2.5' at original proposed location

NA - Not Applicable

Page 2

FDOS Revision 2.0 5/30/2012

NA
1/2' orig loc of 854
6'
Revised loc of 854

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cruz

Sample ID SL-854-SA5A-SB-4.0-5.0 Date/Time 6-18-13 1000

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 4.0
 End Depth 5.0

Depth Units (circle one)
 Inches ☐ Feet ☒

Check If Composite ☐

Collection Method (circle one)
☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCS	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☐
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 16 oz jar + 2 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 10% FINES</u>		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT <u>LESS THAN 50</u>		SM	Silty SAND
				SC	Clayey SAND
		LIQUID LIMIT <u>GREATER THAN 50</u>		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
			MH	Elastic inorganic SILT with moderate to high plasticity	
		CH	Fat inorganic CLAY with moderate to high plasticity		
		CH	Organic SILT or CLAY with moderate to high plasticity		
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present Yes ☒ No ☐
- Percentage Fill (%) None
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	☒ N/A	
Other _____		

Is Staining Present Yes ☒ No ☐

Color brn yel (10YR 6/8) mottled w/ pale brn (10YR 7/4)

Odor and yel brn 10YR 5/4

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic ☒ Petroleum ☐ Chemical ☐

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

Location ID: DG-855		Subarea: 5A		Date Started: 6-18-13		Date Completed: 6-18-13	
Client: DOE		Project Name/ID: 68FL-65268-83376.1203.002.223.0223T.SSPH8 <i>MB</i>				Total Depth: 1st DPT = 7.4 2nd DPT = 7.2 3rd DPT = 7.2	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled Into Bedrock: NA	
GPS collected? Yes or No		Drill Method: DPT				Sampling Method: DPT Sleeves	
Radiological Background: γ=14 α=90		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA				PG Review & No.	
Radiological Equipment Used:		☒ MicroR ☒ Alpha/Beta ☒ Pancake					

Depth (feet)	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5	0.5	0.0	10/84	SL-855	1030	SM	SILTY SAND, brn (7.5YR 5/4) fgm, pg, sr to sa, quartz, dry, loose, to amt org (roots), ~30% silt, ti to fab silty sand nodules, sli compacted, friable
1	3.1	0.0	10/48				
2	3.5	0.0	10/60				
3		0.0	10/66			SM	SILTY SAND, strong brn (7.5YR 4/6) mottled w/lt brn (7.5YR 6/4) fgm w/ few to some med gww, pg, sr to sa, quartz, dry, compacted, med friable, med laminated, becoming more laminated w/ depth (2-4mm), with has ~20% silt
4		0.0	10/54			SP/SM	SAND w/ SILT, yel brn (10YR 5/4) mottled w/v pale brn (10YR 7/3) and yel (10YR 7/6), f-m gww, pg, sr to sa, quartz, compacted, laminated (2-4mm), med friable, dry, ~10% silt
5		0.0	10/54			SP	SAND, lt yel brn (10YR 6/4) mottled w/v pale brn (10YR 7/3) and brn yel (10YR 6/8) fgm, pg, sr to sa, quartz, dry, med loose to sli compacted, <5% silt
6		0.0	10/72			SP	SAND, brn yel (10YR 6/8) mostly w/v pale brn (10YR 7/3) fgm, pg, sr to sa, quartz, med compacted, sli friable, some siltstone nodules, med hard to sli friable, angular to subangular, unit is dry, <10% silt
7		0.0	10/42				
		0.0	10/42				
Refusals @ 7.4, 7.2, & 7.2							

CDM Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. GTC

Sample ID SL-855-SA5A-SB-0.0-0.5

Date/Time 6-18-13 / 1030

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☐
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 SS SLEEVES & 1 4-oz JAR

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 15\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents
				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes ☒ No ☐

Color brn (7.5YR 5/4)

Odor _____

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # _____

Additional Comments NA

Location ID: <u>Sm 41813</u> <u>DC-859-858</u>		Subarea: <u>5A</u>		Date Started: <u>6-8-13</u>		Date Completed: <u> </u>		
Client: DOE		Project Name/ID: <u>68FL-65258-69376-1203.002.223.02231.33PH3</u>				Total Depth: <u>1st DPT = 1.8</u> <u>2nd DPT 1.4</u>		
Company Name: CDM SMITH		Drill Contractor/Driller: <u>Strongarm</u>				Depth Drilled into Bedrock: <u>NA</u>		
GPS collected? <u>(Yes) or No</u>		Drill Method: <u>Hand Auger</u>				Sampling Method: <u>Slide Hammer</u>		
Radiological Background: <u>8-13-63</u>		Borehole diameter: <u>2.75"</u>				Geologist: <u>David Rojas</u>		
PID Background: <u>0.0</u>		Depth to GW: <u>NA</u>				PG Review/No. <u> </u>		
Radiological Equipment Used:		☒ MicroR ☒ Alpha/Beta ☒ Pancake						
Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
<u>0.0-0.5</u>	<u>0.5</u>	<u>0.0</u>	<u>13/103</u>	<u>SL-859</u>	<u>1350</u>	<u>SP</u>	<u>SM</u>	<u>SAND w/ SILT, dk yel brn (10YR 4/4) Fgn w/ to med gw, pg, sr to sq, quartz, dry, some org (roots/leaves) to and plastic (tape or cellophane) & 10% silt. To age: Few to some silty sand nodules, mod poorly consolidated, friable.</u> <u>SILTY SAND dk yel brn (10YR 4/4) Fgn w/ to med gw pg, sr to sq, quartz, dry. Few to some org (roots/leaves) 20% silt, loose. Few to some silty sand nodules, mod poorly consolidated, friable.</u> <u>Refusals @ 1.8 & 1.4</u>

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. CTK

Sample ID 858 SL-859-SA5A-SB-0.0-0.5 Date/Time 6-5-13 / 1350
smw1813

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)
 DPT ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil) EPA 9040 (Water)	☒
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
Sediment	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

Sampled originally
 as DG-859.
 smw1813

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>< 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 15% FINES</u>		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH <u>< 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH <u>≥ 15% FINES</u>		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes No

2. Percentage Fill (%) trace 1%
SMUS/B

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel N/A

Other _____

Is Staining Present Yes No

Color dk yel brn (10YR 4/4)

Odor

1. Odor Strength (circle one)

None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

N/A

Other _____

Moisture Condition (circle one)

Dry

Moist

Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

Location ID: DC-858 859		Subarea: 5A		Date Started: 6-19-13		Date Completed: 6-19-13	
Client: DOE		Project Name/ID: SSL-05258-09976-1209.002-223.02234-SSPH3				Total Depth: 1st HA=2.8 2nd HA=2.7	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA	
GPS collected? Yes or No		Drill Method: Slidehammer / Handauger				Borehole diameter: 2.75 inches	
Radiological Background: X=13 Y=74		Depth to GW: NA				Sampling Method: Slidehammer	
PID Background:		PG Review & No: Muller [Signature] # 7735				Geologist: David Rojas	
Radiological Equipment Used:							
☒ MicroR ☒ Alpha/Beta ☒ Pancake							

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.0	13/88	SL-859	0.0-0.5	0.50	SP/SM	SAND w/ SILT, km (10YR 4/3) yel km (10YR 5/4) and km yel (10YR 6/4) f-m grw w/ tr and coarse grw, pg, sr to sa, quartz, dry, Fe to some org (roots, leaves, sticks) ~10% silt, loose to sli compacted. 0.5
1		0.0	13/60				SM	SILTY SAND, km (7.5YR 4/4) mottled w/ strong km 7.5YR 5/6 fgr w/ tr and med grw, pg, sr to sa, quartz, dry, sli to mod compacted, mod friable to friable, tr org (roots) ~20% silt. 1.6
2		0.0	13/66				SM	SILTY SAND, km (7.5YR 4/4) mottled w/ strong km 7.5YR 5/6 fgr w/ tr and med grw, pg, sr to sa, quartz, mod to well compacted, mod friable to sli hard, dry, ~20% silt. 2.2
		0.0	13/66				SP/SM	SAND w/ SILT, dk yel km (10YR 4/6) mottled w/ strong km (7.5YR 4/6) fgr w/ few med grw, pg, sr to sa, quartz, dry to sli moist, compacted, mod friable to hard, ~10% silt. 2.8

Referrals @ 2.8 & 2.7

SAMPLE
0.0-0.5**CDM
Smith****BORING LOG AND SAMPLING RECORD**Page 1 of **1****ABBREVIATIONS:**

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortez

Sample ID SL-859-SA5A-SB-0.0-0.5 Date/Time 6-19-13 / 0950

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☐ ☒ Feet

Check if Composite ☐

Collection Method (circle one)

DPT ☐ ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☐
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 slidehammer SS Sleeves & 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\leq 5\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH BETWEEN 5% AND 15% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
				SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
	HIGHLY ORGANIC SOILS				PT

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color brn (10YR 4/3), gel brn (10YR 5/4) & brn yel (10YR 6/6)

Odor

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature Mike Hoffman

PG Registration # 7735

Additional Comments N/A

Location ID: DG-860		Subarea: 5A		Date Started: 6-18-13		Date Completed:	
Client: DOE		Project Name/#: SSL-65250-63376.1203.002.223.02231-SSPH3 MB				Total Depth: 1st DPT= 11.7 2nd DPT= 11.4 3rd DPT= 11.4	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm				Depth Drilled into Bedrock: NA	
GPS collected? Yes or No		Drill Method: DPT				Sampling Method: DPT Sleeves	
Radiological Background: X=14 AB=98		Borehole diameter: 2.25				Geologist: David Rojas	
PID Background: 0.0		Depth to GW: NA					
Radiological Equipment Used:		Per Review & No.					
☒ MicroR ☒ Alpha/Beta ☒ Pancake		Ma Hoffman #7735					

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
0.0-0.5		0.5/0.5	0.0	14/77	SL-860 SA5A-SB 0.0-0.5	1240	SM	SILTY SAND, brn (7.5YR 4/4) mottled w/ (7.5YR 5/4) fgm w/ trant med gm, pg, sr to sa, quartz, dry, loose to sli compacted, med friable, ~20% silt, few to some org. (roots)
1			0.0	10/54			SM	SILTY SAND, brn (7.5YR 5/4) fgm, pg, sr to sa, quartz, dry, loose, ~30% silt, few org. (roots)
2		3.0/3.5	0.0	19/60			SM	SILTY SAND, strong brn (7.5YR 4/6) mottled w/ brn (7.5YR 4/4) fgm w/ few med gm, pg, sr to sa, quartz, dry to sli moist, compacted, sli to med friable, laminated (2-4mm) to amt org. (roots), ~20% silt
3			0.0	10/60			SM	SILTY SAND, A.A. except yel brn (10YR 5/6) mottled w/ brn yel (10YR 6/6) and strong brn (7.5YR 5/6)
4			0.0	10/78	SA-860 SA5A-SB 4.0-5.0	1250	SP	SAND w/ SILT, yel brn (10YR 5/4) mottled w/ yel (10YR 7/6) and dk yel brn (10YR 4/4), f-m gm, pg, sr to sa, quartz, dry to sli moist, ~10% silt, med compacted, friable, laminated (3-5mm)
5			0.0	10/78			SP	SAND, brn yel (10YR 6/6) mottled w/ lt yel brn (10YR 4/4) fgm w/ trant m x c gm, pg, sr to sa, quartz, dry to sli moist, loose to sli compacted, friable, ~25% silt
6		3.5/4.0	0.0	10/72			SP	SAND, brn yel (10YR 6/6) mottled w/ lt yel brn (10YR 4/4) fgm w/ trant m x c gm, pg, sr to sa, quartz, dry to sli moist, loose to sli compacted, friable, ~25% silt
7			0.0	10/90			SM	SILTY SAND, upale brn (10YR 7/3) mottled w/ pale brn (10YR 4/3) fgm, pg, sr to sa, quartz, dry, loose, ~20% silt; trant concretions, strong brn (7.5YR 5/6), hard, sr, coarse sand to fine gravel sized.
8			0.0	10/90			SM	SILTY SAND, upale brn (10YR 7/3) mottled w/ pale brn (10YR 4/3) fgm, pg, sr to sa, quartz, dry, loose, ~20% silt; trant concretions, strong brn (7.5YR 5/6), hard, sr, coarse sand to fine gravel sized.
9		3.3/3.9	0.0	10/72			SM	SILTY SAND, upale brn (10YR 7/3) mottled w/ pale brn (10YR 4/3) fgm, pg, sr to sa, quartz, dry, loose, ~20% silt; trant concretions, strong brn (7.5YR 5/6), hard, sr, coarse sand to fine gravel sized.
10			0.0	10/78			SM	SILTY SAND, upale brn (10YR 7/3) mottled w/ pale brn (10YR 4/3) fgm, pg, sr to sa, quartz, dry, loose, ~20% silt; trant concretions, strong brn (7.5YR 5/6), hard, sr, coarse sand to fine gravel sized.

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 2

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Location ID: DG-860-575 ⁵⁷⁵	Subarea: 5A	Date Started: 6-18-13	Date Completed: 6-18-13
Project: SSFL		Geologist: David Rojas	Total Depth: 11.9

Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
11	SEE PGY	0.0	10/90	SL-860 SA5A-SB 10.5-11.5	1300	SP SA	SAND w/ SILT, v pale km (10YR 7/4) mottled w/ strong km (7.5YR 5/8), F-m gss w/ tr coarse, pg, sr to sil quartz, dry, sli to med compacted, mod friable with bottom 6" only sli friable, ~10% silt
		0.0	10/78				

SAMPLE
10.5-11.5

10.2

11.9

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. G. f.

Sample ID SL-860-SA5A-SB-0.0-0.5

Date/Time 6-18-13 / 1240

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCS	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 SS. SLEEVES & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\geq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH $\geq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
			HIGHLY ORGANIC SOILS		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) None
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present

Yes ☒ No ☐

Color

brown (7.5YR 4/4) mottled w/ (7.5YR 5/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic ☐ Petroleum ☐ Chemical ☐

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature

[Signature]

PG Registration #

7735

Additional Comments

NA

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

V. Crt

Sample ID

SL-860-SA5A-SB-4.0-5.0

Date/Time

6-18-13 / 1250

Matrix (circle one)

Soil

Sediment

Water

Start Depth

4.0

End Depth

5.0

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger/Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 16-oz Jars & 2 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\geq 5\%$ FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH $\geq 5\%$ FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH $\geq 15\%$ FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				CH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐

2. Percentage Fill (%) NONE

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☒ No ☐

Color yellow brown (10YR 5/6) mottled w/ tan yellow (10YR 6/8)

Odor over strong brown (7.5YR 5/6)

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V-G

Sample ID SL-B60-SA5A-SB-10.5-11.5 Date/Time 6-18-13 / 1300

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 10.5

End Depth 11.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check If Composite ☐

Collection Method (circle one)

☒ DPT ☐ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☐
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
Sediment	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 1/2 oz jars & 2 Encores

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH $\leq 5\%$ FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH $\geq 10\%$ FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH $\leq 5\%$ FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
					SW-SC	Well-graded SAND with clay
	SP-SM	Poorly graded SAND with silt				
	SP-SC	Poorly graded SAND with clay				
SAND WITH $\geq 15\%$ FINES		SM	Silty SAND			
		SC	Clayey SAND			
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity	
				CH	Fat inorganic CLAY with moderate to high plasticity	
				CH	Organic SILT or CLAY with moderate to high plasticity	
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

1. Is Fill Material Present Yes ☐ No ☒

2. Percentage Fill (%) None

3. Fill Description (circle all that apply)

Asphalt Metal Plastic

Concrete Wood Glass

Igneous/Metamorphic Gravel ☒ N/A

Other _____

Is Staining Present Yes ☐ No ☒

Color V pale brown (10YR 7/4) mottled w/ strong brown (7.5YR 5/8)

Odor

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA

Location ID: DG-861	Subarea: 5A	Date Started: 6-5-13	Date Completed: →
Client: DOE		Project Name/ #: SSFL-05258-63970-1203-002-223-02231-SSPH-3M	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm	
GPS collected? (Yes) or No		Drill Method: Handauger	
Radiological Background: 8-13-A-52		Borehole diameter: 2.75	
PID Background: 0.0		Depth to GW: NA	
Radiological Equipment Used: ☒ MicroR ☒ Alpha/Beta ☒ Pancake		PG Review & Notes: Multi-Strongarm #7235	
		Total Depth: 1st DPT = 8.2 2nd DPT = 7.9	
		Depth Drilled into Bedrock: NA	
		Sampling Method: Slide hammer	
		Geologist: David Rojas	

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (μR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
SAMPLE 0.0-0.5	0.5	0.5	0.0	13/98	SL-861 SA5A-SB	1420	SM	SAND w/ SILT, brn (7.5YR 5/4) Fgn, pg, sr to sa, quartz loose, tr amt med qtz sd, few to some silty sand nodules sr to sa, sli consolidated, friable, tr amt concrete gravel - sa to angular, tr to few org (roots) 10% silt
1		∞	0.0	12/60				
2		0.0	0.0	12/66			SM	strong brn SILTY SAND (7.5YR 4/6) Fgn, pg, sr to sa, quartz med loose tr amt med sd, some silty sand nodules sli consolidated friable, tr amt org (roots) ~20% silt
3		0.0	0.0	12/76			SM	strong brn (7.5YR 5/6) SILTY SAND yellow red (5YR 5/6) mottled w/ yellow red (5YR 5/6) Fgn, pg, sr to sa, quartz, sli consolidated, some silty sand nodules, med friable, ~30% silt, tr amt clay, low plasticity, tr amt fine-sized quartz gravel, tr amt of org (roots) dry to ~5 then sli moist 5'-6' bls
SAMPLE 4.0-5.0	4	0.0	0.0	12/90	SL-861 SA5A-SB	1505		
5		0.0	0.0	12/108				
6		0.0	0.0	12/102			SM	SILTY SAND, AA w/ mottling w/ brn (7.5YR 5/3) and sli moist to moist
7		0.0	0.0	12/90	SL-861 SA5A-SB	1515	CL	CLAYEY SANDY CLAY , yellow brown (10YR 5/4) mottled w/ yellow brown (10YR 4/6) and dark yellow brown (10YR 4/6) , Fgn, pg, sr to sa, quartz, low to mod plasticity, ~40% sd
SAMPLE 7.0-8.0	8	0.0	0.0	12/66	SL-861 SA5A-SB		CL	CLAYEY SAND It olive brn (2.5Y 5/4) mottled w/ olive brn (2.5Y 4/4) & strong brn (7.5YR 4/6) Fgn, pg, sr to sa, quartz, moist, low plasticity, ~40% sd

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. GFW

Sample ID SL-861-SA5A-SB-0.0-0.5

Date/Time 6-5-13 / 1420

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0

End Depth 0.5

Depth Units (circle one)

Inches ☒ Feet

Check if Composite ☐

Collection Method (circle one)

DPT ☒ Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 ☒
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 slidehammer sleeves & 1 4oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH * 5% FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt	
				SW-SC	Well-graded SAND with clay	
	SP-SM		Poorly graded SAND with silt			
	SP-SC		Poorly graded SAND with clay			
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH ≥ 15% FINES		SM	Silty SAND	
				SC	Clayey SAND	
			LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
		LIQUID LIMIT GREATER THAN 50			MH	Elastic inorganic SILT with moderate to high plasticity
					CH	Fat inorganic CLAY with moderate to high plasticity
			CH	Organic SILT or CLAY with moderate to high plasticity		
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents	

Fill Material

- Is Fill Material Present ☒ Yes ☐ No
- Percentage Fill (%) Trace 1%
Sm 0.53
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
<u>Concrete</u>	Wood	Glass
Igneous/Metamorphic Gravel	N/A	
Other _____		

Is Staining Present Yes ☐ No ☒

Color brn (7.5YR 5/4)

Odor

1. Odor Strength (circle one)
None Slight Strong

2. Odor Description (circle one)
Organic Petroleum Chemical
N/A Other _____

Moisture Condition (circle one)

Dry Moist Wet

PG Signature Walter J. Brown

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By

V. C/A

Sample ID

SL-861-SA5A-SB-4.0-5.0

Date/Time

6-5-13 1505

Matrix (circle one)

Soil

Sediment

Water

Start Depth

4.0

End Depth

5.0

Depth Units (circle one)

Inches

Feet

Check if Composite

☐

Collection Method (circle one)

DPT

Slide Hammer

Hand Auger

Slide Hammer

Trenching

Sediment

QC Type (circle one)

N

FD

FB

RB

Parent Sample ID

NA

Field Geologist

David Rojas

Sampler

Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	<i>X</i>
	EPA 6020	<i>X</i>
	EPA 7471 (Soil)	<i>X</i>
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	<i>X</i>
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	<i>X</i>
PCBs/PCTs	EPA 8082	<i>X</i>
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	<i>X</i>
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
Sediment	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 10% FINES</u>		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH <u>≤ 5% FINES</u>		SW	Well-graded SAND
				SP	Poorly graded SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH <u>≥ 15% FINES</u>		SM	Silty SAND
				SC	Clayey SAND
	LIQUID LIMIT LESS THAN 50	LIQUID LIMIT GREATER THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
				MH	Elastic inorganic SILT with moderate to high plasticity
HIGHLY ORGANIC SOILS				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
				PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present Yes ☐ No ☒
- Percentage Fill (%) None
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	☒ N/A	
Other _____		

Is Staining Present Yes ☐ No ☒

Color strong brown (7.5YR 5/6) mottled w/ yellow/red (5YR 5/6)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic ☐ Petroleum ☐ Chemical

☒ N/A Other _____

Moisture Condition (circle one)

Dry ☐ ☒ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments Attempted to collect sample w/ slide hammer, but no recovery. Sampled w/ hand auger & samples placed in jars.

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. GA

Sample ID SL-861-SASA-SB-7.0-8.0 Date/Time 6-5-13 1515

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 7.0

End Depth 8.0

Depth Units (circle one)

Inches ☐ Feet ☒

Check If Composite ☐

Collection Method (circle one)

DPT ☐ Slide Hammer ☒ Hand Auger ☐ Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	☐
Fluoride	EPA 300.0/9056	☐
SVOCs	EPA 8270	☐
TIC	EPA 8270	☐
PAHs	EPA 8270 SIM	☒
1,4 Dioxane	EPA 8270 SIM	☐
Dioxins	EPA 1613	☒
PCBs/PCTs	EPA 8082	☒
Perchlorate	EPA 314.0/331	☐
Perchlorate Confirmation	EPA 6850/6860	☐
pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	☐
Hexavalent Chromium	EPA 7196/7199	☐
Herbicides	EPA 8151	☐
Pesticides	EPA 8081	☐

Parameters	Method	Analyze?
VOCs	EPA 8260	☐
1,4 Dioxane	EPA 8260 SIM	☐
TPH-GRO	EPA 8015	☒
TPH-EFH	EPA 8015	☒
Glycols	EPA 8015	☐
Alcohols	EPA 8015	☐
Terphenyls	EPA 8015	☐
Nitrates	EPA 300.0/9056	☐
Energetics	EPA 8330	☐
Cyanide	EPA 9012	☐
Formaldehyde	EPA 8315	☐
NDMA	EPA 1625	☐
Sediment	NOAA Status and Trends, Krone et al.	☐
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH <u>≤ 5% FINES</u>		GW	Well-graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GP	Poorly graded GRAVEL
				GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
			GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH <u>≥ 15% FINES</u>		GM	Silty GRAVEL
		SAND WITH <u>≤ 5% FINES</u>		GC	Clayey GRAVEL
				SW	Well-graded SAND
				SP	Poorly graded SAND
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM
				SW-SC	Well-graded SAND with clay
	SP-SM	Poorly graded SAND with silt			
	SP-SC	Poorly graded SAND with clay			
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH <u>≥ 15% FINES</u>		SM	Silty SAND
			SC	Clayey SAND	
	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity	
			CL	Lean inorganic CLAY with low plasticity	
	LIQUID LIMIT GREATER THAN 50		OL	Organic SILT with low plasticity	
			MH	Elastic inorganic SILT with moderate to high plasticity	
			CH	Fat inorganic CLAY with moderate to high plasticity	
			OH	Organic SILT or CLAY with moderate to high plasticity	
	HIGHLY ORGANIC SOILS			PT	PEAT soils with high organic contents

Fill Material

- Is Fill Material Present Yes ☒ No ☒
- Percentage Fill (%) None
- Fill Description (circle all that apply)

Asphalt	Metal	Plastic
Concrete	Wood	Glass
Igneous/Metamorphic Gravel	☒ N/A	
Other _____		

Is Staining Present Yes ☒ No ☒
 Color yellow (10YR 5/4) mottled w/ pale brown (10YR 6/3)
 and dk yellow brown (10YR 4/6)

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
 Organic ☐ Petroleum ☐ Chemical ☐
☒ N/A Other _____

Moisture Condition (circle one)
 Dry ☐ ☒ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments No

Attempts to advance slide hammer to collect samples

Location ID: DC-862		Subarea: 5A		Date Started: 6-6-13		Date Completed:	
Client: DOE		Project Name/ID: SPFL-05258-03376.1203.002.223.02291.00PH3					
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm		Total Depth: DPT = 5.6 2nd DPT = 5.3			
GPS collected? ☒ Yes or No		Drill Method: Hand auger		Depth Drilled Into Bedrock:			
Radiological Background: X = 13.48 = 66		Borehole diameter: 2.75		NA			
PID Background: 0.0		Depth to GW: NA		Sampling Method:			
Radiological Equipment Used:		PG Review & No.		Slide hammer		Geologist: David Rojas	
☒ MicroR ☒ Alpha/Beta ☒ Pancake		7735					

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
SAMPLE 0.0-0.5		0.5	0.0	13/93	SA-862	1505	SW	SAND, brn (7.5YR 4/4) mottled w/ (7.5YR 5/4), f-c grn, wq, sr to sa, quartz, 5% fine gravel, sa to angular, <5% silt, mod loose to sli consolidated, dry, roots
		0.5	0.0	13/66	SA5A-SB	0.0-0.5	SP/SM	
1			0.0	13/84				SAND w/ SILT brn (7.5YR 4/4) mottled w/ strong brn (7.5YR 5/6), fgr w/ some med grn & few coarse grn, sr to sa quartz, loose, dry, to amt org. (roots) ~10% silt increasing to ~15% w/ depth & silty sand nodules w/ depth.
2			0.0	13/72				
3			0.0	13/84				
4			0.0	13/66			SM	SILTY SAND, reddish brn (5YR 4/4) mottled w/ strong brn (7.5YR 5/6) & dk brn (7.5YR 3/4), f grn, pg, sr to sa, quartz, dry, some silty sand nodules, well to well consolidated, sli friable to hard, ~20% silt
SAMPLE 4.5-5.5				13/78	SA-862	1540	SM	SILTY SAND, brn yel (10YR 6/6) mottled w/ dk yel brn (10YR 4/4) & v pale brn (10YR 7/4) f grn, pg, sr to sa quartz, mod loose to sli consolidated (more consolidated w/ depth, ~15% SILT
			0.0	13/72	SA5A-SB	4.5-5.5	SP	SILTY SAND yel brn (10YR 5/4) mottled w/ lt yel brn (10YR 5/4) and some dk yel brn (10YR 4/6) f grn, pg, sr to sa, mod well consolidated, mod hard to hard <5% silt, dry; some sandstone gravel @ refusal

Refusals @ 5.6 & 5.3

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of ____

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
ft: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. CA

Sample ID SL-062-SA5A-SB-0.0-0.5 Date/Time 6-6-13 / 1505

Matrix (circle one) Soil Sediment Water	Start Depth <u>0.0</u>	Depth Units (circle one) Inches <u>Feet</u>
	End Depth <u>0.5</u>	

Check if Composite ☐ Collection Method (circle one) Slide Hammer Hand Auger/Slide Hammer Trenching Sediment

QC Type (circle one) N FD FB RB Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	X
	EPA 6020	X
	EPA 7471 (Soil)	X
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
PAHs	EPA 8270 SIM	X
1,4 Dioxane	EPA 8270 SIM	
Dioxins	EPA 1613	X
PCBs/PCTs	EPA 8082	
Perchlorate	EPA 314.0/331	
Perchlorate Confirmation	EPA 6850/6860	
pH	EPA 9045 (Soil)	X
	EPA 9040 (Water)	
Hexavalent Chromium	EPA 7196/7199	
Herbicides	EPA 8151	
Pesticides	EPA 8081	

Parameters	Method	Analyze?
Encores	VOCs	EPA 8260
	1,4 Dioxane	EPA 8260 SIM
	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015 X
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
		SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) N/A
3. Fill Description (circle all that apply)
- | | | |
|----------------------------|--------------------------------------|---------|
| Asphalt | Metal | Plastic |
| Concrete | Wood | Glass |
| Igneous/Metamorphic Gravel | ☒ N/A | |
| Other _____ | | |

Is Staining Present Yes No

Color brn (7.5YR 4/4) mottled (7.5YR 5/4)

Odor

1. Odor Strength (circle one)

☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A

Other _____

Moisture Condition (circle one)

☒ Dry

Moist

Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments _____

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Cortez

Sample ID SL-862-SA54-JB-4.5-5.5 Date/Time 6/6/13 1540

Matrix (circle one)

☒ Soil ☐ Sediment ☐ Water

Start Depth 4.5

End Depth 5.5

Depth Units (circle one)

Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)

DPT Slide Hammer ☒ Hand Auger Slide Hammer Trenching Sediment

QC Type (circle one)

☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist DAVID ROJAS

Sampler VIDAL CORTES

Analysis

	Parameters	Method	Analyze?
	Metals	EPA 6010	☒
		EPA 6020	☒
		EPA 7471 (Soil)	☒
		EPA 7470 (Water)	
	Fluoride	EPA 300.0/9056	
	SVOCs	EPA 8270	
	TIC	EPA 8270	
	PAHs	EPA 8270 SIM	☒
	1,4 Dioxane	EPA 8270 SIM	
	Dioxins	EPA 1613	☒
	PCBs/PCTs	EPA 8082	
	Perchlorate	EPA 314.0/331	
	Perchlorate Confirmation	EPA 6850/6860	
	pH	EPA 9045 (Soil)	☒
		EPA 9040 (Water)	
	Hexavalent Chromium	EPA 7196/7199	
	Herbicides	EPA 8151	
	Pesticides	EPA 8081	

	Parameters	Method	Analyze?
Encores	VOCs	EPA 8260	
	1,4 Dioxane	EPA 8260 SIM	
	TPH-GRO	EPA 8015	☒
	TPH-EFH	EPA 8015	☒
	Glycols	EPA 8015	
	Alcohols	EPA 8015	
	Terphenyls	EPA 8015	
	Nitrates	EPA 300.0/9056	
	Energetics	EPA 8330	
	Cyanide	EPA 9012	
	Formaldehyde	EPA 8315	
	NDMA	EPA 1625	
Sediment	Organotin	NOAA Status and Trends, Krone et al.	
	Methyl Mercury	EPA 1630	

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME	
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL	
				GP	Poorly graded GRAVEL	
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt	
				GW-GC	Well-graded GRAVEL with clay	
				GP-GM	Poorly graded GRAVEL with silt	
				GP-GC	Poorly graded GRAVEL with clay	
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	GRAVEL WITH ≥ 10% FINES		GM	Silty GRAVEL	
				GC	Clayey GRAVEL	
		SAND WITH * 5% FINES		SW	Well-graded SAND	
				SP	Poorly graded SAND	
			SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
					SW-SC	Well-graded SAND with clay
	SP-SM			Poorly graded SAND with silt		
	SP-SC			Poorly graded SAND with clay		
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	SAND WITH ≥ 15% FINES		SM	Silty SAND	
				SC	Clayey SAND	
			LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low plasticity	
				OL	Organic SILT with low plasticity	
		LIQUID LIMIT GREATER THAN 50			MH	Elastic inorganic SILT with moderate to high plasticity
					CH	Fat inorganic CLAY with moderate to high plasticity
		HIGHLY ORGANIC SOILS			CH	Organic SILT or CLAY with moderate to high plasticity
	PT			PEAT soils with high organic contents		

Fill Material

1. Is Fill Material Present Yes ☒ No ☐
2. Percentage Fill (%) N/A
3. Fill Description (circle all that apply)
- Asphalt Metal Plastic
- Concrete Wood Glass
- Igneous/Metamorphic Gravel ☒ N/A
- Other _____

Is Staining Present Yes ☒ No ☐

Color BRN YEL (10426/6) MOTTLED W/

Odor D. YEL BENT. (10424/4) & V. PLE BRL (10427/4)

1. Odor Strength (circle one)

☒ None Slight Strong

2. Odor Description (circle one)

Organic Petroleum Chemical

☒ N/A Other _____

Moisture Condition (circle one)

☒ Dry Moist Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NO RECOVERY IN SLIDE HAMMER ∴ COLLECTED
SAMPLE IN JARS, EXCESS COLLECTED FROM AUGER.

Location ID: DC-863	Subarea: 5A	Date Started: 6-19-13	Date Completed: 6-19-13
Client: DOE		Project Name/ID: SSFL-05205-00076.1203.002.223.02334.SSPHS	
Company Name: CDM SMITH		Drill Contractor/Driller: Strongarm	
GPS collected? Yes or No		Drill Method: Handauger / Slidehammer	
Radiological Background: Y=14 X=73		Borehole diameter: 2.75"	
PID Background: 0.0		Depth to GW: NA	
Radiological Equipment Used:		Sampling Method:	
☒ MicroR ☒ Alpha/Beta ☒ Pancake		Slidehammer Geologist: David Rojas	

Depth (feet)	bgs	Recovery (feet)	PID (ppm)	Radiological (uR/cpm)	Sample Name	Sample Time	USCS	Description of Materials
1	HAND AUGER	0.5	0.0	14/102	SL-863	0900	SP	SAND, knw (7.5YR 8/4), Fgr, pg, sr to sa, quartz, loose
		0.5		14/64	SA5A-SB		SM	dry, some org (roots, branches, leaves), <5% silt, ~10% asphalt & granite gravel
			0.0	14/84	0.0-0.5			SILTY SAND, (7.5YR 4/4) Fgr w/some med & coarse
								grw, pg, sr to sa, quartz, ~20% silt, Few amt org (roots), to gravel - F size, quartz
2			0.0	14/96				
3			0.0	14/84			SM	SILTY SAND, knw (7.5YR 4/4) Fgr w/some med grw, pg, sr to sa, quartz, dry, sli to med compacted, sli friable, dry
4			0.0	14/72	SL-863		SM	SILTY SAND, (7.5YR 4/6), Fgr w/ to med grw, pg, sr to sa, quartz, sli med compacted, mod friable, dry to sli moist, to amt coarse grains w/ depth, and less silt w/ depth
			0.0	14/72	SA5A-SB	0930		
					4.0-5.0			
Refusals @ 4.8 & 4.8								

CDM
Smith

BORING LOG AND SAMPLING RECORD

Page 1 of 1

ABBREVIATIONS:

amt: amount	gr: grained	pg: poorly graded	t: trace	nr: no recovery
c: coarse	lt: light	rnd: rounded	v: very	
dk: dark	m: medium	sa: subangular	wg: well graded	
f: fine	mod: moderate	sr: subrounded	φ: diameter	bgs: below ground surface

Location ID:			Subarea:		Date Started:		Date Completed:	
Project: SSFL					Geologist:		Total Depth:	
Depth (feet) bgs	Recovery (feet)	PID (ppm)	Radiological (µR/cpm)	Sample Name	Sample Time	USCS	Description of Materials	

SSFL Phase 3 – Field Sample Data Sheet

CDM Smith

FSDS Checked By V. Gfz

Sample ID SL-863-SA5A-SB-0.0-0.5 Date/Time 6-19-13/0900

Matrix (circle one)
☒ Soil ☐ Sediment ☐ Water

Start Depth 0.0
 End Depth 0.5

Depth Units (circle one)
 Inches ☐ Feet ☒

Check if Composite ☐

Collection Method (circle one)
 DPT ☐ ☒ Slide Hammer ☐ Hand Auger/Slide Hammer ☐ Trenching ☐ Sediment

QC Type (circle one)
☒ N ☐ FD ☐ FB ☐ RB

Parent Sample ID NA

Field Geologist David Rojas

Sampler Vidal Cortes

Analysis

Parameters	Method	Analyze?
Metals	EPA 6010	☒
	EPA 6020	☒
	EPA 7471 (Soil)	☒
	EPA 7470 (Water)	
Fluoride	EPA 300.0/9056	
SVOCs	EPA 8270	
TIC	EPA 8270	
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pH	EPA 9045 (Soil)	☒
	EPA 9040 (Water)	
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	TPH-GRO	EPA 8015
	TPH-EFH	EPA 8015
Sediment	Glycols	EPA 8015
	Alcohols	EPA 8015
	Terphenyls	EPA 8015
	Nitrates	EPA 300.0/9056
	Energetics	EPA 8330
	Cyanide	EPA 9012
	Formaldehyde	EPA 8315
	NDMA	EPA 1625
	Organotin	NOAA Status and Trends, Krone et al.
	Methyl Mercury	EPA 1630

2 slidehammer SS sleeves & 1 4-oz jar

SSFL Phase 3 – Field Data Sample Sheet (Sample Descriptions)

Soil Classification (circle one)

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				GC	Clayey GRAVEL
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				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
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	SP-SC		Poorly graded SAND with clay		
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		SC	Clayey SAND		
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				CL	Lean inorganic CLAY with low plasticity
				OL	Organic SILT with low plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with moderate to high plasticity
				CH	Fat inorganic CLAY with moderate to high plasticity
				OH	Organic SILT or CLAY with moderate to high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

Fill Material

1. Is Fill Material Present ☒ Yes ☐ No

2. Percentage Fill (%) 10

3. Fill Description (circle all that apply)

☒ Asphalt ☐ Metal ☐ Plastic

☐ Concrete ☐ Wood ☐ Glass

☒ Igneous/Metamorphic Gravel ☐ N/A

Other _____

Is Staining Present Yes ☐ No ☒

Color (brown 7.5YR 5/4)

Odor

1. Odor Strength (circle one)
☒ None ☐ Slight ☐ Strong

2. Odor Description (circle one)
Organic ☐ Petroleum ☐ Chemical

☒ N/A ☐ Other _____

Moisture Condition (circle one)

☒ Dry ☐ Moist ☐ Wet

PG Signature [Signature]

PG Registration # 7735

Additional Comments NA