

SSFL Main Qualification Definitions

- U** – The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J** – The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- R** – The data are unusable. The sample results are rejected due to serious deficiencies in meeting quality control criteria. The analyte may or may not be present in the sample.
- UJ** – The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

SSFL Specific Qualification Definitions

Qualifier	Organics	Inorganics
H	Holding times were exceeded.	Holding times were exceeded.
S	Surrogate recovery was outside QC limits.	The sequence or number of standards used for the calibration was incorrect.
C	Calibration %RSD, r, r ² or %D were noncompliant	Correlation coefficient is <0.995.
R	Calibration RRF was <0.05.	%R for calibration is not within control limits
B	Presumed contamination from preparation (method blank)	Presumed contamination from preparation (method) blank or calibration blank
L	Laboratory Control Sample/Laboratory Control Sample Duplicate %R was not within control limits	Laboratory Control Sample/Laboratory Control Sample Duplicate %R or RPD was not within control limits
Q	MS/MSD recovery was poor; RPD	MS/MSD recovery was poor.
E	LCS/LCSD RPD	MS/MSD or Duplicate RPD or difference was high.
I	Internal standard performance was unsatisfactory	ICP ICS results were unsatisfactory.
A	Not applicable.	ICP Serial Dilution %D were not within control limits
M	Instrument Performance Check (BFB or DFTPP) was noncompliant	Not applicable.
T	Presumed contamination from trip blank.	Not applicable.
F	Presumed contamination from FB or ER.	Presumed contamination from FB or ER.
D	The analysis with this flag should not be used because another more technically sound analysis is available.	The analysis with this flag should not be used because another more technically sound analysis is available.
P	Instrument performance for pesticides was poor	Post Digestion Spike recovery was not within control limits
K	EMPC	Not applicable
Z	Compounds reported below the RL	Analytes reported below the RL and above the MDL
#	Unusual problems found with the data that have been described in Section 2, "Data Validation Findings." The number following the asterisk () will indicate the section in the validation report where a description of the problem can be found.	Unusual problems found with the data that have been described in Section 2, "Data Validation Findings." The number following the asterisk (*) will indicate the section in the validation report where a description of the problem can be found.

Appendix A1
Analytical Method, CAS Number and Chemical Name
HSA-8N and 8S

Analytical Method	CAS Number	Chemical Name	Alternative Chemical Name
300	14797-55-8	Nitrate [as N]	
300	14797-55-8	Nitrate	
300	16984-48-8	Fluoride	
9012B	57-12-5	Cyanide	
6010B	7429-90-5	Aluminum	
6010B	7439-89-6	Iron	
6020	7439-92-1	Lead	
6010B	7439-93-2	Lithium	
6010B	7439-95-4	Magnesium	
6010B	7439-96-5	Manganese	
7471A	7439-97-6	Mercury	
6020	7439-98-7	Molybdenum	
6020	7440-02-0	Nickel	
6010B	7440-09-7	Potassium	
6020	7440-22-4	Silver	
6010B	7440-23-5	Sodium	
6010B	7440-24-6	Strontium	
6020	7440-28-0	Thallium	
6010B	7440-31-5	Tin	
6010B	7440-32-6	Titanium	
6020	7440-36-0	Antimony	
6020	7440-38-2	Arsenic	
6020	7440-41-7	Beryllium	
6020	7440-39-3	Barium	
6010B	7440-42-8	Boron	
6020	7440-43-9	Cadmium	
6020	7440-47-3	Chromium	
6020	7440-48-4	Cobalt	
6020	7440-50-8	Copper	
6020	7440-62-2	Vanadium	
6020	7440-66-6	Zinc	
6010B	7440-67-7	Zirconium	
6010B	7440-70-2	Calcium	
6010B	7723-14-0	Phosphorus	
6020	7782-49-2	Selenium	
7199	18540-29-9	Chromium (Hexavalent Compounds)	Chromium VI
314	14797-73-0	Perchlorate	
6850	14797-73-0	Perchlorate	
160.3M	MOIST	Percent Moisture	
9045M	pH	pH	
8315M	60-34-4	Methylhydrazine	
8315M	57-14-7	1,1-Dimethylhydrazine	
8015B	64-17-5	Ethanol	
8015B	67-56-1	Methanol	
8015B	67-63-0	2-Propanol	
8015M	107-21-1	Ethylene Glycol	
8015M	111-46-6	Diethylene Glycol	
8015M	57-55-6	Propylene glycol	
8015B	84-15-1	o-Terphenyl	
8015B	92-06-8	m-Terphenyl	
8015B	92-94-4	p-terphenyl	
8315A	50-00-0	Formaldehyde	
8330A	606-20-2	2,6-Dinitrotoluene	
8330A	118-96-7	2,4,6-Trinitrotoluene	
8330A	121-82-4	1,3,5-Trinitroperhydro-1,3,5-triazine	RDX
8330A	19406-51-0	4-Amino-2,6-Dinitrotoluene	
8330A	2691-41-0	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine	HMX
8330A	35572-78-2	2-Amino-4,6-Dinitrotoluene	
8330A	479-45-8	2,4,6-Trinitrophenylmethylnitramin	Tetryl
8330A	55-63-0	Nitroglycerin	
8330A	59229-75-3	2,6-Diamino-4-nitrotoluene	
8330A	6629-29-4	2,4-Diamino-6-nitrotoluene	
8330A	78-11-5	Pentaerythritol Tetranitrate	

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8330A	88-72-2	2-Nitrotoluene	
8330A	99-08-1	3-Nitrotoluene	
8330A	99-35-4	1,3,5-Trinitrobenzene	
8330A	99-99-0	4-Nitrotoluene	
8330A	121-14-2	2,4-Dinitrotoluene	
8330A	98-95-3	Nitrobenzene	
8330A	99-65-0	m-Dinitrobenzene	
8151A	120-36-5	Dichlorprop	
8151A	1918-00-9	Dicamba	
8151A	75-99-0	2,2-Dichlor-Propionic Acid	
8151A	88-85-7	Dinitrobutyl Phenol	
8151A	93-65-2	Methylchlorophenoxypropionic acid	MCPP
8151A	93-72-1	2,4,5-Trichlorophenoxyacetic acid	Silvex (2,4,5-TP)
8151A	93-76-5	2,4,5-Trichlorophenoxyacetic Acid	2,4,5-T
8151A	94-74-6	2-Methyl-4-Chlorophenoxyacetic Acid	MCPA
8151A	94-75-7	Dichlorophenoxyacetic Acid	2,4-D
8151A	94-82-6	4-(2,4-dichlorophenoxy)butanoic acid	2,4 DB
8081A	8001-35-2	Chlorinated Camphene	Toxaphene
8081A	1024-57-3	Heptachlor Epoxide	
8081A	1031-07-8	Endosulfan Sulfate	
8081A	2385-85-5	Mirex	
8081A	309-00-2	Aldrin	
8081A	319-84-6	Alpha-BHC	
8081A	319-85-7	Beta-BHC	
8081A	319-86-8	Delta-BHC	
8081A	33213-65-9	Endosulfan II	
8081A	50-29-3	4,4'-DDT	
8081A	53494-70-5	Endrin Ketone	
8081A	57-74-9	Chlordane	
8081A	58-89-9	Gamma-BHC (Lindane)	
8081A	60-57-1	Dieldrin	
8081A	72-20-8	Endrin	
8081A	72-43-5	Methoxychlor	
8081A	72-54-8	4,4'-DDD	
8081A	72-55-9	4,4'-DDE	
8081A	7421-93-4	Endrin Aldehyde	
8081A	76-44-8	Heptachlor	
8081A	959-98-8	Endosulfan I	
1613B	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	2,3,7,8-TCDD
1613B	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-Dioxin	1,2,3,7,8,9-HxCDD
1613B	3268-87-9	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	OCDD
1613B	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-Dioxin	1,2,3,4,6,7,8-HpCDD
1613B	39001-02-0	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	OCDF
1613B	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-Dioxin	1,2,3,4,7,8-HxCDD
1613B	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-Dioxin	1,2,3,7,8-PeCDD
1613B	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	2,3,7,8-TCDF
1613B	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1,2,3,4,7,8,9-HpCDF
1613B	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	2,3,4,7,8-PeCDF
1613B	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	1,2,3,7,8-PeCDF
1613B	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	1,2,3,6,7,8-HxCDF
1613B	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-Dioxin	1,2,3,6,7,8-HxCDD
1613B	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	2,3,4,6,7,8-HxCDF
1613B	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1,2,3,4,6,7,8-HpCDF
1613B	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	1,2,3,4,7,8-HxCDF
1613B	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	1,2,3,7,8,9-HxCDF
8082	11096-82-5	Aroclor 1260	
8082	11097-69-1	Aroclor 1254	
8082	11100-14-4	Aroclor 1268	
8082	11104-28-2	Aroclor 1221	
8082	11126-42-4	Aroclor 5460	
8082	11141-16-5	Aroclor 1232	
8082	12642-23-8	Aroclor 5442	
8082	12672-29-6	Aroclor 1248	
8082	12674-11-2	Aroclor 1016	

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8082	37324-23-5	Aroclor 1262	
8082	53469-21-9	Aroclor 1242	
8082	63496-31-1	Aroclor 5432	
1625C	62-75-9	N-Nitrosodimethylamine	
8270C SIM	62-75-9	N-Nitrosodimethylamine	
8270C	121-14-2	2,4-Dinitrotoluene	
8270C	98-95-3	Nitrobenzene	
8270C	106-46-7	1,4-Dichlorobenzene	
8270C	120-82-1	1,2,4-Trichlorobenzene	
8270C	541-73-1	1,3-Dichlorobenzene	
8270C	87-68-3	Hexachlorobutadiene	
8270C	95-50-1	1,2-Dichlorobenzene	
8270C	100-01-6	4-Nitroaniline	
8270C	100-02-7	4-Nitrophenol	
8270C	101-55-3	4-Bromophenyl Phenyl Ether	
8270C	105-67-9	2,4-Dimethylphenol	
8270C	106-44-5	4-Methylphenol	
8270C	106-47-8	4-Chloroaniline	
8270C	108-68-9	3,5-Dimethylphenol	
8270C	108-95-2	Phenol	
8270C	111-44-4	Bis(2-Chloroethyl) ether	
8270C	111-91-1	Bis(2-Chloroethoxy) methane	
8270C	117-81-7	Bis(2-Ethylhexyl) phthalate	
8270C SIM	117-81-7	Bis(2-Ethylhexyl) phthalate	
8270C	117-84-0	Di-N-Octyl Phthalate	
8270C SIM	117-84-0	Di-N-Octyl Phthalate	
8270C	118-74-1	Hexachlorobenzene	
8270C SIM	120-12-7	Anthracene	
8270C	120-83-2	2,4-Dichlorophenol	
8270C	122-66-7	1,2-Diphenylhydrazine	
8270C	129-00-0	Pyrene	
8270C SIM	129-00-0	Pyrene	
8270C	131-11-3	Dimethylphthalate	
8270C SIM	131-11-3	Dimethylphthalate	
8270C	132-64-9	Dibenzofuran	
8270C	191-24-2	Benzo(g,h,i)perylene	
8270C SIM	191-24-2	Benzo(g,h,i)perylene	
8270C	193-39-5	Indeno(1,2,3-Cd)Pyrene	
8270C SIM	193-39-5	Indeno(1,2,3-Cd)Pyrene	
8270C	205-99-2	Benzo(b)fluoranthene	
8270C SIM	205-99-2	Benzo(b)fluoranthene	
8270C	206-44-0	Fluoranthene	
8270C SIM	206-44-0	Fluoranthene	
8270C	207-08-9	Benzo(k)fluoranthene	
8270C SIM	207-08-9	Benzo(k)fluoranthene	
8270C SIM	208-96-8	Acenaphthylene	
8270C	218-01-9	Chrysene	
8270C SIM	218-01-9	Chrysene	
8270C	39638-32-9	bis(2-Chloroisopropyl) ether	
8270C	50-32-8	Benzo(a)pyrene	
8270C SIM	50-32-8	Benzo(a)pyrene	
8270C	51-28-5	2,4-Dinitrophenol	
8270C	534-52-1	4,6-Dinitro-2-Methylphenol	
8270C	53-70-3	Dibenzo(a,h)anthracene	
8270C SIM	53-70-3	Dibenzo(a,h)anthracene	
8270C	56-55-3	Benzo(a)anthracene	
8270C SIM	56-55-3	Benzo(a)anthracene	
8270C	59-50-7	4-Chloro-3-Methylphenol	
8270C	621-64-7	N-Nitroso-Di-N-Propylamine	
8270C	62-53-3	Aniline	
8270C	65-85-0	Benzoic Acid	
8270C	67-72-1	Hexachloroethane	
8270C	7005-72-3	4-Chlorophenyl Phenylether	
8270C	77-47-4	Hexachlorocyclopentadiene	

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8270C	78-59-1	Isophorone	
8270C SIM	83-32-9	Acenaphthene	
8270C	84-66-2	Diethylphthalate	
8270C SIM	84-66-2	Diethylphthalate	
8270C	84-74-2	Di-N-Butylphthalate	
8270C SIM	84-74-2	Di-N-Butylphthalate	
8270C	85-01-8	Phenanthrene	
8270C SIM	85-01-8	Phenanthrene	
8270C	85-68-7	Butylbenzylphthalate	
8270C SIM	85-68-7	Butylbenzylphthalate	
8270C	86-30-6	N-Nitrosodiphenylamine	
8270C SIM	86-73-7	Fluorene	
8270C	86-74-8	Carbazole	
8270C	87-86-5	Pentachlorophenol	
8270C	88-06-2	2,4,6-Trichlorophenol	
8270C	88-74-4	2-Nitroaniline	
8270C	88-75-5	2-Nitrophenol	
8270C	90-12-0	1-Methylnaphthalene	
8270C SIM	90-12-0	1-Methylnaphthalene	
8270C	91-20-3	Naphthalene	
8270C SIM	91-20-3	Naphthalene	
8270C	91-57-6	2-Methylnaphthalene	
8270C SIM	91-57-6	2-Methylnaphthalene	
8270C	91-58-7	2-Chloronaphthalene	
8270C	91-94-1	3,3'-Dichlorobenzidine	
8270C	92-87-5	Benzidine	
8270C	95-48-7	2-Methylphenol	
8270C	95-57-8	2-Chlorophenol	
8270C	95-95-4	2,4,5-Trichlorophenol	
8270C	99-09-2	3-Nitroaniline	
8270C	100-51-6	Benzyl Alcohol	
8270C	606-20-2	2,6-Dinitrotoluene	
8015M	GROC5C12	Gasoline Range Organics (C5-C12)	GRO (C5-C12)
8015M	PHCC15C20	Extractable Fuel Hydrocarbons (C15-C20)	EFH (C15-C20)
8015M	PHCC21C30	Extractable Fuel Hydrocarbons (C21-C30)	EFH (C21-C30)
8015M	PHCC30C40	Extractable Fuel Hydrocarbons (C30-C40)	EFH (C30-C40)
8015M	PHCC8C11	Extractable Fuel Hydrocarbons (C8-C11)	EFH (C8-C11)
8260B	106-46-7	1,4-Dichlorobenzene	
8260B	120-82-1	1,2,4-Trichlorobenzene	
8260B	541-73-1	1,3-Dichlorobenzene	
8260B	87-68-3	Hexachlorobutadiene	
8260B	95-50-1	1,2-Dichlorobenzene	
8260B	99-87-6	Isopropyltoluene	
8260B	100-41-4	Ethylbenzene	
8260B	100-42-5	Styrene	
8260B	10061-01-5	cis-1,3-Dichloropropene	
8260B	10061-02-6	trans-1,3-Dichloropropene	
8260B	103-65-1	N-Propylbenzene	
8260B	104-51-8	N-Butylbenzene	
8260B	106-43-4	4-Chlorotoluene	
8260B	106-93-4	1,2-Dibromoethane	
8260B	107-06-2	1,2-Dichloroethane	
8260B	108-10-1	4-Methyl-2-Pentanone	
8260B	108-67-8	1,3,5-Trimethylbenzene	
8260B	108-86-1	Bromobenzene	
8260B	108-88-3	Toluene	
8260B	108-90-7	Chlorobenzene	
8260B	110-75-8	2-Chloroethyl Vinyl Ether	
8260B SIM	123-91-1	1,4-Dioxane	
8260B	124-48-1	Dibromochloromethane	
8260B	127-18-4	Tetrachloroethene	
8260B	135-98-8	sec-Butylbenzene	
8260B	142-28-9	1,3-Dichloropropane	
8260B	156-59-2	cis-1,2-Dichloroethene	

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8260B	156-60-5	trans-1,2-Dichloroethene	
8260B	1634-04-4	Methyl tert-Butyl Ether	
8260B	179601-23-1	m,p-Xylene	
8260B	56-23-5	Carbon tetrachloride	
8260B	563-58-6	1,1-Dichloropropene	
8260B	591-78-6	2-Hexanone	
8260B	594-20-7	2,2-Dichloropropane	
8260B	630-20-6	1,1,1,2-Tetrachloroethane	
8260B	67-64-1	Acetone	
8260B	67-66-3	Chloroform	
8260B	71-43-2	Benzene	
8260B	71-55-6	1,1,1-Trichloroethane	
8260B	74-83-9	Bromomethane	
8260B	74-87-3	Chloromethane	
8260B	74-95-3	Dibromomethane	
8260B	74-97-5	Bromochloromethane	
8260B	75-00-3	Chloroethane	
8260B	75-01-4	Vinyl Chloride	
8260B	75-09-2	Methylene chloride	
8260B	75-25-2	Bromoform	
8260B	75-27-4	Bromodichloromethane	
8260B	75-34-3	1,1-Dichloroethane	
8260B	75-35-4	1,1-Dichloroethene	
8260B	75-69-4	Trichlorofluoromethane	
8260B	75-71-8	Dichlorodifluoromethane	
8260B	75-88-7	1,1,1-Trichloro-2,2,2-trifluoroethane	Freon 113a
8260B	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	Freon 113
8260B	78-87-5	1,2-Dichloropropane	
8260B	78-93-3	2-Butanone	
8260B	79-00-5	1,1,2-Trichloroethane	
8260B	79-01-6	Trichloroethene	
8260B	79-34-5	1,1,2,2-Tetrachloroethane	
8260B	79-38-9	Chlorotrifluoroethene	
8260B	87-61-6	1,2,3-Trichlorobenzene	
8260B	95-47-6	o-Xylene	
8260B	95-49-8	2-Chlorotoluene	
8260B	95-63-6	1,2,4-Trimethylbenzene	
8260B	96-12-8	1,2-Dibromo-3-chloropropane	
8260B	96-18-4	1,2,3-Trichloropropane	
8260B	98-06-6	tert-Butylbenzene	
8260B	98-82-8	Isopropylbenzene	

Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-001-SA8N-SB-4.0-5.0 05/26/2011 DE165 4 5	SL-001-SA8N-SB-9.0-10.0 05/26/2011 DE165 9 10	SL-002-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-002-SA8N-SB-4.0-5.0 05/26/2011 DE166 4 5	SL-002-SA8N-SB-9.0-10.0 05/26/2011 DE166 9 10	SL-003-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.3 J Q	3.7	5.5	1.7 J Q	4.6 J Q	5.3 J Q	1.6 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	25600	34300	21400	27200	28300	26000	26400
Iron	mg/kg	29800	35800	22200	31000	35600	29700	29900
Lead	mg/kg	33.6 J Q	12.8 J E	5.81 J E	48.7 J Q	10.2 J Q, A	11.5 J Q, A	31.7 J Q
Lithium	mg/kg	24.7	27.6	23.5	26.4	26	23.9	27.2
Magnesium	mg/kg	7810	8040	3730	7750	7900	6450	7610
Manganese	mg/kg	415	593	168	437	430	680	452
Mercury	mg/kg	0.121 U	0.0106 J Z	0.112 U	0.121 U	0.118 U	0.114 U	0.124 U
Molybdenum	mg/kg	0.969	0.416 J E	0.218 J E	0.495	0.327	0.29	0.345
Nickel	mg/kg	25.9 J E, Q	22.8	11	21.9 J E, Q	23.0 J Q	24.6 J Q	21.3 J E, Q
Potassium	mg/kg	6590 J Q	3150	2140	5810 J Q	3770 J Q	3010 J Q	5140 J Q
Silver	mg/kg	0.0297 J Z	0.0563 J Z	0.0205 J Z	0.0326 J Z	0.0264 J Z	0.0453 J Z	0.0491 J Z
Sodium	mg/kg	99.4 J Z	170	115	92.6 J Z	119	151	106 J Z
Strontium	mg/kg	68.6	50.1	23.1	53.9	51.1	55.4	70.8
Thallium	mg/kg	0.332	0.352	0.285	0.369	0.334	0.331	0.313
Tin	mg/kg	12.2 U B, Z	11.5 U B	11.0 U B	12.0 U B, Z	11.9 U B	11.7 U B	12.3 U B, Z
Titanium	mg/kg	1390	1280	1010	1210	1460	1240	1510
Antimony	mg/kg	0.409 J Q	0.270 J Q	0.114 J Q, Z	0.420 J Q	0.140 J Q, Z	0.139 J Q, Z	0.350 J Q
Arsenic	mg/kg	13.1 J Q, E	8.20 J E	5.41 J E	7.28 J Q, E	6.98 J Q	6.73 J Q	6.89 J Q, E
Beryllium	mg/kg	0.948	0.821	0.562	0.858	0.842	0.872	0.77
Barium	mg/kg	117	143	66.9	129	113 J A	117 J A	112
Boron	mg/kg	18.4	18.4	10	15.9	11.3	6.6	16.8
Cadmium	mg/kg	0.471 J E, Q	0.247	0.121	0.414 J E, Q	0.229	0.389	0.318 J E, Q
Chromium	mg/kg	38.1 J Q	32.4 J *#	17.4 J *#	31.7 J Q	31.8 J Q, A	33.3 J Q, A	29.4 J Q
Cobalt	mg/kg	12.6 J E	10.9	5.4	10.9 J E	10.6	12.9	10.6 J E
Copper	mg/kg	19.3 J *#	17.1	8.04	20.2 J *#	16.9	17	18.3 J *#
Vanadium	mg/kg	79.4 J Q	56.3 J *#	34.7 J *#	56.1 J Q	63.9 J A	65.9 J A	53.1 J Q
Zinc	mg/kg	86.1 J E	67.1	49.3	78.2 J E	70.3	70.6	72.5 J E
Zirconium	mg/kg	2.53 J Z	4.28 J Z	1.88 J Z	3.26 J Z	4.41 J Z	3.57 J Z	3.36 J Z
Calcium	mg/kg	37100	19600	7990	28100	14300	62400	37900
Phosphorus	mg/kg	698 J E	138	96	536 J E	299	217	559 J E
Selenium	mg/kg	0.437 J Z	0.112 J Z	0.437 U	0.227 J Z	0.147 J Z	0.0898 J Z	0.225 J Z
Chromium VI	mg/kg	1.3 U	0.39 J Z	0.28 J Z	0.54 J Z	0.49 J Z	1.2 U	0.57 J Z
Perchlorate (314.0)	ug/kg	37.8 U	35.4 U	33.7 U	37.2 U	35.8 U	35.4 U	37.3 U
Perchlorate (6850)	ug/kg	--	--	5.6 U	6.2 U	--	--	--
Percent Moisture	%	20.6	15.3	11.1	19.3	16.3	15.2	19.6
pH	pH unit	8.08	8.01	8.27	8.35	8.19	8.24	7.88

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-003-SA8N-SB-4.0-5.0 05/27/2011 DE167 4 5	SL-003-SA8N-SB-9.0-10.0 05/27/2011 DE167 9 10	SL-004-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-004-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5	SL-004-SA8N-SB-9.0-10.0 04/21/2011 DE134 9 10	SL-005-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-005-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	2.4	6.1	1.7 J Q	8.6 J Q	3.5 J Q	1.1 UJ Q	5.1 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	34300	29500	23800	33000	19900	19700	27300
Iron	mg/kg	38800	29700	27300	32800	19900	31200	29500
Lead	mg/kg	10.6 J Q	9.79 J Q	121 J Q	9.80 J Q	8.44 J Q	9920 J Q	54.0 J Q
Lithium	mg/kg	28.8	25.3	24.6	28.8	20.4	20.1	24.7
Magnesium	mg/kg	8290	8100	9880	7430	4580	7000	7030
Manganese	mg/kg	442 J *#	401 J *#	383	411	121	306	377
Mercury	mg/kg	0.112 UJ E	0.120 UJ E	0.112 U	0.113 U	0.0071 J Z	0.101 U	0.0109 J Z
Molybdenum	mg/kg	0.379	0.365	0.339	0.413	0.113	0.759	0.286
Nickel	mg/kg	25.4	23.5	18.2 J E, Q	24.7	13.9	13.2 J E, Q	20.3
Potassium	mg/kg	4240	4140	4740 J Q	3930 J Q	1630 J Q	3140 J Q	2720 J Q
Silver	mg/kg	0.0394 J Z	0.0602 J Z	0.0343 J Z	0.0295 J Z	0.0221 J Z	0.515	0.0528 J Z
Sodium	mg/kg	120	189	107 J Z	149	106 J Z	168	155
Strontium	mg/kg	48.2	125	87.9	39.1	61.7	52	38.6
Thallium	mg/kg	0.385	0.365	0.302	0.358	0.241	0.177	0.247
Tin	mg/kg	11.7 U B	12.4 U B	11.1 U B, Z	11.7 U B	11.1 U B	10.3 U B, Z	11.5 U B
Titanium	mg/kg	1070	1330	1210	1360	941	1000	1160
Antimony	mg/kg	0.116 J Q, Z	0.0916 J Q, Z	0.957 J Q	0.230 UJ B, Q	0.215 UJ Q	87.0 J Q	0.582 J Q
Arsenic	mg/kg	6.88	6.36	7.59 J Q, E	8.08	4.92	78.4 J Q, E	7.14
Beryllium	mg/kg	1.03 J Q	0.842 J Q	0.684	0.953	0.816	0.483	0.795
Barium	mg/kg	139	109	103	122	80	153	112
Boron	mg/kg	5.87 U	6.18 U	16	8.5	3.68 J Z	12.3	7.41
Cadmium	mg/kg	0.24	0.393	0.304 J E, Q	0.33	0.166	0.905 J E, Q	0.497
Chromium	mg/kg	36.1	33.7	28.4 J Q	49.0 J Q, A	23.9 J Q, A	20.0 J Q	36.4 J Q, A
Cobalt	mg/kg	11.2	10.5	9.94 J E	11.3	6.86	11.1 J E	10.8
Copper	mg/kg	17.6	17.4	16.5 J *#	18.9 J A	7.95 J A	13.7 J *#	16.0 J A
Vanadium	mg/kg	66.4	64.7	49.1 J Q	69.5 J A	37.5 J A	43.2 J Q	56.7 J A
Zinc	mg/kg	76.9	69.1	66.6 J E	73.6	47.8	68.2 J E	53.5
Zirconium	mg/kg	2.43 J Z	4.26 J Z	3.10 J Z	2.97 J Z	1.87 J Z	0.929 J Z	2.60 J Z
Calcium	mg/kg	9540	76500	50200	10900	74800	29700	28200
Phosphorus	mg/kg	313	512	639 J E	295	199	3620 J E	334
Selenium	mg/kg	0.140 J Z	0.137 J Z	0.196 J Z	0.0723 J Z	0.430 U	0.226 J Z	0.0886 J Z
Chromium VI	mg/kg	0.31 J Z	0.40 J Z	1.2 U	0.33 J Q, Z	1.1 U	1.1 U	0.32 J Q, Z
Perchlorate (314.0)	ug/kg	35.5 U	37.1 U	34.6 U	35.5 U	33.9 U	31.7 U	34.7 U
Perchlorate (6850)	ug/kg	--	6.2 U	--	--	--	--	--
Percent Moisture	%	15.6	19.1	13.4	15.6	11.4	5.3	13.6
pH	pH unit	8.19	8.38	8.01	8.26	8.33	7.97	8.16

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-005-SA8N-SB-8.0-9.0 04/21/2011 DE134 8 9	SL-006-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-006-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5	SL-006-SA8N-SB-8.0-9.0 04/21/2011 DE134 8 9	SL-007-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-007-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5	SL-007-SA8N-SB-9.0-10.0 04/22/2011 DE135 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	5.0 J Q	3.1 J Q	6.7 J Q	9.1 J Q	1.6 J Q	4.9 J Q	4.1 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	16100	28100	19600	23600	24600	27300	27900
Iron	mg/kg	17300	31700	19500	24200	39800	28400	29800
Lead	mg/kg	115 J Q	12.8 J Q	9.99 J Q	7.12 J Q	15.7 J Q	7.94 J Q, E	7.84 J Q, E
Lithium	mg/kg	21.7	24	21.7	26.7	23.4	24.5	25.8
Magnesium	mg/kg	3780	7000	5510	4800	7370	6210	6720
Manganese	mg/kg	268	470	288	317	448	362	505
Mercury	mg/kg	0.0112 J Z	0.112 U	0.0087 J Z	0.112 U	0.118 U	0.108 U B	0.113 U B
Molybdenum	mg/kg	0.266	0.37	0.249	0.523	0.471	0.385 J E	0.412 J E
Nickel	mg/kg	9.65	20.7 J E, Q	15.7	23.8	20.8 J E, Q	18.4 J Q, E, *#	21.1 J Q, E, *#
Potassium	mg/kg	1320 J Q	3040 J Q	1920 J Q	2470 J Q	6380 J Q	2920 J Q	2760 J Q
Silver	mg/kg	0.0420 J Z	0.0193 J Z	0.0343 J Z	0.0438 J Z	0.0394 J Z	0.0333 J Q, E, Z	0.0318 J Q, E, Z
Sodium	mg/kg	123	85.8 J Z	135	161	88.0 J Z	91.2 J Z	135
Strontium	mg/kg	67.5	45.5	120	41.1	41	33.6	31.1
Thallium	mg/kg	0.179	0.334	0.226	0.346	0.326	0.302	0.317
Tin	mg/kg	11.0 U B	11.1 U B, Z	11.9 U B	11.8 U B	11.8 U B, Z	11.3 U B	11.4 U B
Titanium	mg/kg	794	1440	904	1150	1410	1280	1330
Antimony	mg/kg	1.90 J Q	0.368 J Q	0.237 UJ B, Q	0.236 UJ B, Q	0.186 J Q, Z	0.226 UJ Q, E	0.229 UJ Q, E
Arsenic	mg/kg	7.09	7.59 J Q, E	5.77	6.31	6.53 J Q, E	6.81 J Q, E	6.72 J Q, E
Beryllium	mg/kg	0.695	0.841	0.756	0.861	0.781	0.800 J E	0.821 J E
Barium	mg/kg	74	133	86.7	100	107	107 J E, *#	93.2 J E, *#
Boron	mg/kg	2.35 J Z	14.7	5.77 J Z	4.57 J Z	19.2	14	13.9
Cadmium	mg/kg	0.186	0.231 J E, Q	0.393	0.292	0.447 J E, Q	0.210 J Q, E	0.259 J Q, E
Chromium	mg/kg	19.2 J Q, A	32.6 J Q	30.8 J Q, A	36.3 J Q, A	29.5 J Q	28.1 J Q, *#	27.4 J Q, *#
Cobalt	mg/kg	6.2	10.7 J E	7.54	8.12	10.2 J E	10.4 J Q, E, *#	10.4 J Q, E, *#
Copper	mg/kg	7.79 J A	17.3 J *#	13.6 J A	13.7 J A	19.4 J *#	14.4 J Q, E, *#	14.4 J Q, E, *#
Vanadium	mg/kg	36.9 J A	56.2 J Q	49.3 J A	49.2 J A	52.9 J Q	51.3 J Q, *#	49.4 J Q, *#
Zinc	mg/kg	35.3	65.0 J E	48.8	64.8	102 J E	64.4 J E, *#	61.7 J E, *#
Zirconium	mg/kg	1.25 J Z	3.69 J Z	2.47 J Z	1.88 J Z	2.67 J Z	3.10 J Z	3.35 J Z
Calcium	mg/kg	98600	18200	146000	36300	19000	20100	14100
Phosphorus	mg/kg	307	410 J E	345	245	664 J E	309	296
Selenium	mg/kg	0.0844 J Z	0.0851 J Z	0.0818 J Z	0.0801 J Z	0.194 J Z	0.0767 J Z	0.0562 J Z
Chromium VI	mg/kg	1.1 U	0.87 J Z	0.39 J Q, Z	1.2 U	1.2 U	0.47 J Z	1.2 U
Perchlorate (314.0)	ug/kg	33.6 U	34.5 U	36.2 U	35.3 U	36.5 U	34.9 U	34.6 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	10.6	13.1	17.1	15.1	17.9	14	13.4
pH	pH unit	8.83	8.09	8.54	8.13	7.88	8	8.19

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-008-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-008-SA8N-SB-4.0-5.0 05/26/2011 DE166 4 5	SL-008-SA8N-SB-9.0-10.0 05/26/2011 DE166 9 10	SL-009-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-010-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-010-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5	SL-010-SA8N-SB-9.0-10.0 04/22/2011 DE135 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	2.4	1.2 J Z	1.4 J Z
Fluoride	mg/kg	2.4 J Q	3.8 J Q	5.2 J Q	2.7 J Q	2.1 J Q	8.1 J Q	8.5 J Q
Cyanide	mg/kg	--	--	--	--	0.59 U	0.57 U	0.55 U
Aluminum	mg/kg	20700	24400	20100	28000	24900	27600	26100
Iron	mg/kg	25300	30700	28300	30700	30000	30200	29800
Lead	mg/kg	12.6 J Q	8.93 J Q, A	6.58 J Q, A	11.5 J Q	11.2 J Q	9.40 J Q, E	8.42 J Q, E
Lithium	mg/kg	23.9	23.8	21.1	24.1	23.1	23.1	20.8
Magnesium	mg/kg	5850	7010	5960	6870	6600	6490	6360
Manganese	mg/kg	348	510	384	436	421	339	424
Mercury	mg/kg	0.0052 J Z	0.114 U	0.0059 J Z	0.0293 J Z	0.0099 J Z	0.111 U B	0.112 U B
Molybdenum	mg/kg	0.442	0.325	0.268	0.316	0.358	0.344 J E	0.346 J E
Nickel	mg/kg	16.4 J E, Q	19.2 J Q	17.2 J Q	23.4 J E, Q	18.8 J E, Q	20.7 J Q, E, *#	23.5 J Q, E, *#
Potassium	mg/kg	3900 J Q	4750 J Q	2830 J Q	3850 J Q	4690 J Q	2860 J Q	3080 J Q
Silver	mg/kg	0.0385 J Z	0.0372 J Z	0.0394 J Z	0.0497 J Z	0.0339 J Z	0.0304 J Q, E, Z	0.0943 J Q, E, Z
Sodium	mg/kg	91.3 J Z	241	168	257	83.8 J Z	230	169
Strontium	mg/kg	27.2	34.6	28.4	48.7	32.3	34.5	32.7
Thallium	mg/kg	0.277	0.269	0.255	0.363	0.319	0.338	0.341
Tin	mg/kg	10.6 U B, Z	11.4 U B	11.3 U B	11.8 U B, Z	11.6 U B, Z	11.4 U B	11.7 U B
Titanium	mg/kg	1320	1330	1280	1340	1360	1230	1390
Antimony	mg/kg	0.110 J Q, Z	0.128 J Q, Z	0.0814 J Q, Z	0.140 J Q, Z	0.117 J Q, Z	0.0918 J Q, E, Z	0.0809 J Q, E, Z
Arsenic	mg/kg	5.69 J Q, E	6.32 J Q	5.39 J Q	7.00 J Q, E	6.62 J Q, E	7.35 J Q, E	7.63 J Q, E
Beryllium	mg/kg	0.621	0.729	0.661	0.937	0.75	0.879 J E	0.940 J E
Barium	mg/kg	89.1	100 J A	86.3 J A	137	118	113 J E, *#	146 J E, *#
Boron	mg/kg	12.9	9.28	5.46 J Z	17.5	17.1	13.1	13.5
Cadmium	mg/kg	0.226 J E, Q	0.265	0.159	0.406 J E, Q	0.248 J E, Q	0.196 J Q, E	0.212 J Q, E
Chromium	mg/kg	23.3 J Q	29.8 J Q, A	25.5 J Q, A	31.7 J Q	27.8 J Q	31.9 J Q, *#	29.8 J Q, *#
Cobalt	mg/kg	8.43 J E	8.57	7.63	12.2 J E	9.96 J E	11.9 J Q, E, *#	10.9 J Q, E, *#
Copper	mg/kg	13.3 J *#	15.1	12.8	18.4 J *#	18.2 J *#	15.7 J Q, E, *#	17.4 J Q, E, *#
Vanadium	mg/kg	41.3 J Q	56.6 J A	49.5 J A	55.2 J Q	49.2 J Q	57.0 J Q, *#	54.3 J Q, *#
Zinc	mg/kg	100 J E	75	59.3	240 J E	94.3 J E	65.6 J E, *#	76.2 J E, *#
Zirconium	mg/kg	1.91 J Z	3.48 J Z	2.78 J Z	3.49 J Z	3.39 J Z	2.72 J Z	3.23 J Z
Calcium	mg/kg	16500	14000	10600	29300	12200	15400	13900
Phosphorus	mg/kg	441 J E	446	343	306 J E	461 J E	295	405
Selenium	mg/kg	0.0905 J Z	0.125 J Z	0.0529 J Z	0.0965 J Z	0.138 J Z	0.0661 J Z	0.0669 J Z
Chromium VI	mg/kg	0.80 J Z	0.55 J Z	1.2 U	1.2 U	0.46 J Z	1.2 U	1.2 U
Perchlorate (314.0)	ug/kg	32.9 U	35.7 U	34.6 U	35.6 U	35.5 U	35.1 U	35.5 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	8.8	15.9	13.2	15.8	15.6	14.6	15.5
pH	pH unit	8.04	8.48	8.49	8.47	8.18	8.13	8.07

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J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-011-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-011-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5	SL-011-SA8N-SB-9.0-10.0 04/22/2011 DE135 9 10	SL-012-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-012-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-013-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-013-SA8N-SB-2.0-3.0 04/29/2011 DE140 2 3
Chemical Name	Unit							
Nitrate	mg/kg	2.3	1.5 J Z	1.1 J Z	3.5	2	--	--
Fluoride	mg/kg	2.9 J Q	11.1 J Q	6.4 J Q	2.7 J Q	4.9	1.5 J Q	2.4
Cyanide	mg/kg	0.58 U	0.57 U	0.57 U	0.56 U	0.59 U	--	--
Aluminum	mg/kg	26300	32200	27300	24000	30700	19000	18100
Iron	mg/kg	31400	31500	29600	26600	32500	24000	23900
Lead	mg/kg	12.0 J Q	11.1 J Q, E	9.97 J Q, E	11.7 J *#	10.0 J Q, A	12.3 J Q	7.62 J A
Lithium	mg/kg	23.9	25.9	21.8	22.1	23.8	23.4	23.3
Magnesium	mg/kg	6680	6200	6000	6690	6210	5320	5440
Manganese	mg/kg	450	423	415	426 J *#	490 J E	322	379
Mercury	mg/kg	0.112 J Z	0.112 U B	0.113 U B	0.0249 J Z	0.117 U	0.0037 J FD, Z	0.113 U
Molybdenum	mg/kg	0.501	0.550 J E	0.352 J E	0.5	0.544 J E	0.468	0.393
Nickel	mg/kg	19.1 J E, Q	25.7 J Q, E, *#	24.9 J Q, E, *#	16.6 J *#	21.7 J Q, A	28.6 J E, Q	16.4 J A
Potassium	mg/kg	4760 J Q	3190 J Q	2300 J Q	5480	3700	3140 J Q	3040
Silver	mg/kg	0.0530 J Z	0.0636 J Q, E, Z	0.0551 J Q, E, Z	0.0554 J Z	0.0809 J Z	0.0679 J Z	0.0412 J Z
Sodium	mg/kg	100 J Z	277	262	98.9 J Z	201	90.9 J Z	131
Strontium	mg/kg	43.1	32.5	31.4	42.9 J *#	29.6	30.4	27.9
Thallium	mg/kg	0.299	0.382	0.307	0.324	0.315	0.274	0.287
Tin	mg/kg	11.6 U B, Z	11.6 U B	11.7 U B	11.1 U B	11.6 U B	11.5 U B, Z	11.4 U B
Titanium	mg/kg	1380	1390	1280	1120	1280	1340	1280
Antimony	mg/kg	0.157 J Q, Z	0.230 UJ Q, E	0.234 UJ Q, E	0.187 J Q, E, Z	0.236 J Q, Z	0.130 J Q, Z	0.195 J Q, Z
Arsenic	mg/kg	6.92 J Q, E	8.90 J Q, E	8.06 J Q, E	6.23 J Q	7.00 J Q	5.33 J Q, E	5.69
Beryllium	mg/kg	0.77	1.07 J E	0.964 J E	0.762	0.997 J Q, E	0.64	0.633 J Q
Barium	mg/kg	134	169 J E, *#	125 J E, *#	116	149 J E, A	95.5	83.5 J A
Boron	mg/kg	17.7	13.6	12.4	16.1	2.89 J Z	12	3.02 J Z
Cadmium	mg/kg	0.343 J E, Q	0.224 J Q, E	0.152 J Q, E	0.327	0.117 J E, Z	0.854 J E, Q	0.284
Chromium	mg/kg	28.7 J Q	32.8 J Q, *#	32.3 J Q, *#	30.4 J *#	31.7 J Q, A	27.8 J Q	23.2 J A
Cobalt	mg/kg	10.1 J E	14.7 J Q, E, *#	13.0 J Q, E, *#	9.94	9.63 J E, A	11.4 J E	8.54 J A
Copper	mg/kg	18.3 J *#	14.5 J Q, E, *#	15.9 J Q, E, *#	14.7 J *#	16.3 J Q, A	15.0 J *#	12.5 J A
Vanadium	mg/kg	50.6 J Q	62.0 J Q, *#	56.8 J Q, *#	52.7 J *#	54.5 J E, A	41.7 J Q	43.5 J A
Zinc	mg/kg	82.0 J E	74.6 J E, *#	69.2 J E, *#	77.9 J *#	64.4 J E	260 J E	198 J A
Zirconium	mg/kg	3.21 J Z	2.78 J Z	2.90 J Z	2.73 J Z	6.25	1.85 J Z	4.32 J Z
Calcium	mg/kg	17600	13400	14300	19100	4650 J A	16400	13500 J E
Phosphorus	mg/kg	574 J E	218	207	465	175	533 J E	454
Selenium	mg/kg	0.191 J Z	0.0853 J Z	0.0713 J Z	0.229 J Z	0.474 U B	0.142 J Z	0.0867 J Q, Z
Chromium VI	mg/kg	0.50 J Z	1.2 U	1.2 U	1.1 U	1.2 U	0.94 J Z	0.32 J Z
Perchlorate (314.0)	ug/kg	35.4 U	35.5 U	35.2 U	34.0 U	35.5 U	34.8 U	34.1 U
Perchlorate (6850)	ug/kg	3.2 J Z	--	--	--	--	--	--
Percent Moisture	%	15.3	15.5	14.7	11.8	15.6	13.9	12
pH	pH unit	8.07	8.23	8.02	7.9	7.22	8.01	8.14

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-014-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-014-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-015-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-015-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-016-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-016-SA8N-SB-3.0-4.0 05/03/2011 DE142 3 4	SL-017-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	2.3 J Q	9.9	3.0 J Q	5.7 J Q	2.9 J Q	6.4 J Q	4.3 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	17700	16200	24100	25400	20100	19100	23900
Iron	mg/kg	23100	22800	26600	31700	22600	23000	26900
Lead	mg/kg	5.91 J Q	5.08 J A	11.1 J *#	8.10 J Q, A	13.1 J *#	4.97 J Q, A	14.1 J Q
Lithium	mg/kg	24	20.3	20.9	23.9	18	19.9	22.9
Magnesium	mg/kg	5590	5480	6690	6900	5120	4990	5600
Manganese	mg/kg	330	201	485 J *#	489 J E	399 J *#	199 J E	375
Mercury	mg/kg	0.114 U	0.112 U	0.0250 J Z	0.116 U	0.125	0.112 U	0.0241 J Z
Molybdenum	mg/kg	0.241	0.206	0.59	0.293 J E	0.508	0.347 J E	0.331
Nickel	mg/kg	14.0 J E, Q	15.3 J A	16.5 J *#	21.2 J Q, A	15.1 J *#	13.8 J Q, A	18.2 J E, Q
Potassium	mg/kg	2130 J Q	1950	5390	1790	4350	1580	2980 J Q
Silver	mg/kg	0.0284 J Z	0.0247 J Z	0.0593 J Z	0.0576 J Z	0.0593 J Z	0.0368 J Z	0.0435 J Z
Sodium	mg/kg	91.1 J Z	493	102 J Z	466	100 J Z	683	102 J Z
Strontium	mg/kg	39.8	18.9	37.6 J *#	26.7	26.6 J *#	16.9	26.6
Thallium	mg/kg	0.228	0.22	0.33	0.269	0.295	0.263	0.292
Tin	mg/kg	11.5 U B, Z	11.2 U B	11.4 U B	11.5 U B	11.0 U B	11.2 U B	10.7 U B, Z
Titanium	mg/kg	1300	1270	1170	1270	1140	1180	1280
Antimony	mg/kg	0.0786 J Q, Z	0.100 J Q, Z	0.182 J Q, E, Z	0.200 J Q, Z	0.0815 J Q, E, Z	0.256 J Q	0.211 J Q, Z
Arsenic	mg/kg	4.70 J Q, E	5.45	6.88 J Q	6.85 J Q	5.11 J Q	5.38 J Q	6.46 J Q, E
Beryllium	mg/kg	0.545	0.517 J Q	0.764	0.830 J Q, E	0.694	0.654 J Q, E	0.744
Barium	mg/kg	78.2	60.9 J A	123	133 J E, A	109	87.8 J E, A	119
Boron	mg/kg	9.93	1.60 J Z	17.2	5.75 U	13.4	5.62 U	12.2
Cadmium	mg/kg	0.168 J E, Q	0.0862 J Z	0.367	0.107 J E, Z	0.342	0.115 UJ E	0.232 J E, Q
Chromium	mg/kg	20.1 J Q	20.7 J A	29.2 J *#	28.2 J Q, A	26.5 J *#	24.8 J Q, A	25.2 J Q
Cobalt	mg/kg	6.37 J E	5.78 J A	10.7	8.97 J E, A	8.89	5.99 J E, A	9.94 J E
Copper	mg/kg	11.6 J *#	9.47 J A	15.7 J *#	11.7 J Q, A	13.4 J *#	8.58 J Q, A	15.7 J *#
Vanadium	mg/kg	36.9 J Q	33.8 J A	51.8 J *#	49.7 J E, A	46.3 J *#	42.0 J E, A	45.8 J Q
Zinc	mg/kg	50.0 J E	47.4 J A	69.3 J *#	59.4 J E	68.1 J *#	49.8 J E	65.5 J E
Zirconium	mg/kg	1.58 J Z	4.05 J Z	3.23 J Z	6.25	2.69 J Z	4.90 J Z	2.79 J Z
Calcium	mg/kg	34700	6750 J E	18600	4830 J A	8990	3410 J A	9750
Phosphorus	mg/kg	388 J E	346	540	150	361	210	294 J E
Selenium	mg/kg	0.0838 J Z	0.449 UJ Q	0.227 J Z	0.460 U B	0.191 J Z	0.459 U B	0.151 J Z
Chromium VI	mg/kg	1.2 U	1.1 U	0.50 J Z	0.83 J Z	1.1 U	1.1 U	0.82 J Z
Perchlorate (314.0)	ug/kg	34.8 U	34.4 U	35.1 U	35.2 U	34.3 U	34.4 U	33.4 U
Perchlorate (6850)	ug/kg	--	--	--	--	5.7 U	--	--
Percent Moisture	%	13.9	12.7	14.5	14.7	12.5	12.8	10.1
pH	pH unit	7.93	8.62	7.99	7.22	7.82	7.95	7.52

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Sample Name Sample Date SDG Start Depth End Depth		SL-017-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-017-SA8N-SB-7.0-8.0 04/29/2011 DE140 7 8	SL-018-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-018-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-019-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-019-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-020-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	5	2.4	2.9
Fluoride	mg/kg	13	13.1	2.9 J Q	8.0 J Q	2.5 J Q	4.8 J Q	2.8 J Q
Cyanide	mg/kg	--	--	--	--	0.57 U	0.54 U	0.56 U
Aluminum	mg/kg	19200	15300	24900	24600	23600	23300	25000
Iron	mg/kg	24100	22400	27900	29700	28300	27300	27700
Lead	mg/kg	6.94 J A	6.46 J A	12.9 J *#	9.29 J Q, A	12.2 J *#	7.71 J Q, A	11.9 J *#
Lithium	mg/kg	20.8	19	23.4	24.3	21	20.6	23.1
Magnesium	mg/kg	5530	4710	6860	5330	6220	5170	6980
Manganese	mg/kg	346	305	414 J *#	458 J E	463 J *#	355 J E	428 J *#
Mercury	mg/kg	0.110 U	0.110 U	0.0408 J Z	0.110 UJ FD	0.0499 J Z	0.108 U	0.0375 J Z
Molybdenum	mg/kg	0.377	0.276	0.458	0.627 J E	0.56	0.457 J E	0.533
Nickel	mg/kg	15.4 J A	16.6 J A	16.2 J *#	19.3 J Q, A	17.7 J *#	24.7 J Q, A	17.5 J *#
Potassium	mg/kg	1570	1940	5210	2470	5140	2260	5500
Silver	mg/kg	0.0255 J Z	0.0200 J Z	0.0421 J Z	0.0574 J Z	0.0541 J Z	0.0559 J Z	0.0536 J Z
Sodium	mg/kg	699	459	138	425	112 J Z	374	104 J Z
Strontium	mg/kg	22.7	18.1	64.9 J *#	22.7	36.9 J *#	24.7	48.3 J *#
Thallium	mg/kg	0.258	0.225	0.314	0.347	0.287	0.268	0.34
Tin	mg/kg	11.1 U B	11.5 U B	11.6 U B	11.2 U B	11.5 U B	11.3 U B	11.6 U B
Titanium	mg/kg	1270	1270	1180	1170	1120	918	1170
Antimony	mg/kg	0.160 J Q, Z	0.146 J Q, Z	0.0903 J Q, E, Z	0.278 J Q	0.142 J Q, E, Z	0.217 J Q, Z	0.220 J Q, E, Z
Arsenic	mg/kg	6.85	6.26	5.87 J Q	7.52 J Q	6.50 J Q	5.99 J Q	6.43 J Q
Beryllium	mg/kg	0.761 J Q	0.643 J Q	0.736	0.970 J Q, E	0.781	0.820 J Q, E	0.804
Barium	mg/kg	78.5 J A	89.6 J A	129	136 J E, A	126	140 J E, A	122
Boron	mg/kg	1.04 J Z	5.73 U	17	3.14 J FD, Z	15.9	5.66 U	17.1
Cadmium	mg/kg	0.0449 J Z	0.125	0.328	0.116 J E	0.387	0.218 J E	0.289
Chromium	mg/kg	23.7 J A	22.5 J A	29.3 J *#	30.2 J Q, A	31.4 J *#	26.2 J Q, A	30.9 J *#
Cobalt	mg/kg	9.04 J A	10.1 J A	10.1	10.5 J E, A	10.9	10.1 J E, A	10.9
Copper	mg/kg	11.8 J A	10.2 J A	14.0 J *#	12.5 J Q, A	13.8 J *#	10.6 J Q, A	15.4 J *#
Vanadium	mg/kg	45.5 J A	47.8 J A	51.0 J *#	53.9 J E, A	55.4 J *#	44.9 J E, A	54.0 J *#
Zinc	mg/kg	55.7 J A	54.4 J A	68.6 J *#	59.3 J E	71.9 J *#	52.7 J E	74.6 J *#
Zirconium	mg/kg	4.11 J Z	4.16 J Z	3.13 J Z	5.27 J Z	3.76 J Z	5.39 J Z	3.19 J Z
Calcium	mg/kg	4210 J E	4270 J E	28700	3410 J A	14000	4060 J A	20800
Phosphorus	mg/kg	262	326	962	108 J FD	471	126	467
Selenium	mg/kg	0.0768 J Q, Z	0.458 UJ Q	0.236 J Z	0.445 UJ FD, B	0.196 J Z	0.453 U B	0.242 J Z
Chromium VI	mg/kg	1.1 U	0.38 J Z	1.1 J Z	1.1 U	0.53 J Z	1.2 U	0.45 J Z
Perchlorate (314.0)	ug/kg	33.9 U	35.0 U	35.0 U	34.1 U	35.8 U	34.6 U	34.7 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	11.5	14.4	14.3	11.9	16.3	13.4	13.6
pH	pH unit	8.3	8.47	7.97	7.84	8.02	7.52	7.97

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Sample Name Sample Date SDG Start Depth End Depth		SL-020-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-020-SA8N-SB-9.0-10.0 05/03/2011 DE142 9 10	SL-021-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-021-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-021-SA8N-SB-9.0-10.0 05/04/2011 DE143 9 10	SL-022-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-022-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5
Chemical Name	Unit							
Nitrate	mg/kg	1.1 J Z	2	2.7	1.8	2.3	4.5	1.9
Fluoride	mg/kg	2.8 J Q	2.9 J Q	3.2 J Q	3.9 J Q	2.8 J Q	1.8 J Q	5.6
Cyanide	mg/kg	0.58 U	0.57 U	0.55 U	0.58 U	0.58 U	0.57 U	0.58 U
Aluminum	mg/kg	27200	25500	21500	27800	23900	22500	28300
Iron	mg/kg	33700	32000	25000	31500	28300	25400	33400
Lead	mg/kg	10.6 J Q, A	9.71 J Q, A	9.14 J *#	9.49 J E	10.9 J E	12.1 J *#	10.3 J Q, A
Lithium	mg/kg	23	25.9	20.3	24.2	26.9	22.6	24.1
Magnesium	mg/kg	6890	7770	6140	6980	6670	6240	7100
Manganese	mg/kg	510 J E	265 J E	374 J *#	410	251	406 J *#	485 J E
Mercury	mg/kg	0.117 U	0.116 U	0.0475 J Z	0.115 U	0.109 U	0.0452 J Z	0.116 U
Molybdenum	mg/kg	0.518 J E	0.277 J E	0.567	0.291 J E	0.263 J E	0.466	0.486 J E
Nickel	mg/kg	21.9 J Q, A	21.3 J Q, A	15.6 J *#	20.7 J E, Q	25.9 J E, Q	17.9 J *#	22.4 J Q, A
Potassium	mg/kg	4010	3090	4930	3860 J Q	2590 J Q	4790	4000
Silver	mg/kg	0.0554 J Z	0.0414 J Z	0.0370 J Z	0.0358 J Q, Z	0.0810 J Q, Z	0.0456 J Z	0.0550 J Z
Sodium	mg/kg	243	198	121	269	206	92.9 J Z	400
Strontium	mg/kg	30.5	33.9	41.7 J *#	30.6	46.4	37.5 J *#	32.6
Thallium	mg/kg	0.383	0.303	0.305	0.314	0.284	0.287	0.312
Tin	mg/kg	11.5 U B	11.9 U B	11.0 U B	11.7 U B	11.8 U B	11.6 U B	11.6 U B
Titanium	mg/kg	947	1280	1140	1450	1350	1130	1040
Antimony	mg/kg	0.296 J Q	0.252 J Q	0.141 J Q, E, Z	0.0765 J Q, E, Z	0.149 J Q, E, Z	0.115 J Q, E, Z	0.242 J Q
Arsenic	mg/kg	6.96 J Q	7.35 J Q	5.84 J Q	6.25 J E	8.04 J E	6.45 J Q	6.78 J Q
Beryllium	mg/kg	0.966 J Q, E	0.915 J Q, E	0.67	0.831 J E	1.03 J E	0.778	0.875 J Q, E
Barium	mg/kg	153 J E, A	126 J E, A	177	142 J E	152 J E	127	146 J E, A
Boron	mg/kg	1.53 J Z	4.28 J Z	15.1	8.97	9.54	15.1	4.04 J Z
Cadmium	mg/kg	0.264 J E	0.238 J E	0.288	0.290 J E, Q	0.474 J E, Q	0.428	0.263 J E
Chromium	mg/kg	34.1 J Q, A	34.6 J Q, A	26.7 J *#	29.0 J E, Q	39.5 J E, Q	32.1 J *#	33.8 J Q, A
Cobalt	mg/kg	10.1 J E, A	9.80 J E, A	10.1	10.5 J E, Q	13.3 J E, Q	12.2	11.9 J E, A
Copper	mg/kg	17.4 J Q, A	16.7 J Q, A	13.5 J *#	94.0 J E, Q	16.6 J E, Q	17.2 J *#	16.8 J Q, A
Vanadium	mg/kg	55.4 J E, A	61.1 J E, A	48.3 J *#	51.6 J E	84.4 J E	56.1 J *#	58.4 J E, A
Zinc	mg/kg	71.4 J E	73.0 J E	80.9 J *#	65.7 J E	81.1 J E	82.2 J *#	69.8 J E
Zirconium	mg/kg	6.26	7.59	2.42 J Z	2.05 J Z	3.39 J Z	2.90 J Z	6.33
Calcium	mg/kg	5640 J A	6820 J A	18300	6710	51800	18900	6930 J A
Phosphorus	mg/kg	193	404	706	276	427	485	291
Selenium	mg/kg	0.468 U B	0.472 U B	0.271 J Z	0.159 J Z	0.117 J Z	0.183 J Z	0.453 U B
Chromium VI	mg/kg	1.2 U	1.2	1.1 U	1.2 U	1.2 U	0.47 J Z	0.53 J Z
Perchlorate (314.0)	ug/kg	35.1 U	36.8 U	33.9 U	199	57.4	35.1 U	35.0 U
Perchlorate (6850)	ug/kg	--	--	3.8 J Z	180	--	--	5.8 U
Percent Moisture	%	14.6	18.5	11.5	14.5	14.9	14.6	14.3
pH	pH unit	7.5	7.64	7.85	7.61	8.15	7.97	8.13

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Sample Name Sample Date SDG Start Depth End Depth		SL-022-SA8N-SB-9.0-10.0 05/02/2011 DE141 9 10	SL-023-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-023-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-023-SA8N-SB-9.0-10.0 05/02/2011 DE141 9 10	SL-027-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-027-SA8N-SB-4.0-5.0 04/26/2011 DE137 4 5	SL-027-SA8N-SB-9.0-10.0 04/26/2011 DE137 9 10
Chemical Name	Unit							
Nitrate	mg/kg	1.6 J Z	--	--	--	--	--	--
Fluoride	mg/kg	6	1.8 J Q	2.5	4.3	2.6 J Q	8.3	8
Cyanide	mg/kg	0.60 U	--	--	--	--	--	--
Aluminum	mg/kg	27200	25600	29000	19100	27200	31500	28700
Iron	mg/kg	33700	30000	36200	23400	29600	32400	29100
Lead	mg/kg	9.22 J Q, A	13.9 J *#	11.8 J Q, A	10.7 J Q, A	31.2 J E	12.5 J Q, E	9.61 J Q, E
Lithium	mg/kg	25.2	22.6	23.2	20.4	25.1	26.5	31.7
Magnesium	mg/kg	7860	7740	6850	6010	7940	7260	6000
Manganese	mg/kg	561 J E	491 J *#	458 J E	305 J E	444	317	321
Mercury	mg/kg	0.116 U	0.0223 J Z	0.112 U	0.120 U	0.0873 J Z	0.111 U	0.109 U B
Molybdenum	mg/kg	0.421 J E	0.566	0.631 J E	0.358 J E	0.779 J E	0.237 J E	0.567 J E
Nickel	mg/kg	27.5 J Q, A	18.1 J *#	27.0 J Q, A	23.8 J Q, A	28.5 J E, Q	24.0 J Q, E, *#	25.5 J Q, E, *#
Potassium	mg/kg	3550	6990	3650	2430	6680	2500 J Q	3300 J Q
Silver	mg/kg	0.0596 J Z	0.0501 J Z	0.0676 J Z	0.0606 J Z	0.298 J FD	0.0436 J Q, E, Z	0.0634 J Q, E, Z
Sodium	mg/kg	150	88.1 J Z	112 J Z	128	219	268	272
Strontium	mg/kg	36	29.0 J *#	43.8	138	111	48.3	43.6
Thallium	mg/kg	0.356	0.36	0.378	0.328	0.340 J Q	0.329	0.451
Tin	mg/kg	11.8 U B	11.4 U B	11.4 U B	11.9 U B	11.8 U B	11.6 U B	11.2 U B
Titanium	mg/kg	1390	1280	841	912	1360	1080	1220
Antimony	mg/kg	0.257 J Q	0.109 J Q, E, Z	0.329 J Q	0.272 J Q	0.678 J Q	0.0956 J Q, E, Z	0.211 J Q, E, Z
Arsenic	mg/kg	7.28 J Q	6.37 J Q	7.90 J Q	7.30 J Q	7.19 J Q	8.51 J Q, E	8.50 J Q, E
Beryllium	mg/kg	0.905 J Q, E	0.785	1.02 J Q, E	0.923 J Q, E	0.970 J E	1.07 J E	1.07 J E
Barium	mg/kg	120 J E, A	129	177 J E, A	108 J E, A	198 J E	150 J E, *#	133 J E, *#
Boron	mg/kg	5.08 J Z	18.4	5.08 J Z	6.07	23.6	12.9	9.91
Cadmium	mg/kg	0.344 J E	0.428	0.260 J E	0.270 J E	1.30 J Q	0.228 J Q, E	0.362 J Q, E
Chromium	mg/kg	32.3 J Q, A	31.7 J *#	36.4 J Q, A	34.2 J Q, A	39.7 J E, Q, *#	32.5 J Q, *#	30.9 J Q, *#
Cobalt	mg/kg	12.0 J E, A	11.2	13.2 J E, A	11.1 J E, A	10.7 J E, Q	17.7 J Q, E, *#	10.1 J Q, E, *#
Copper	mg/kg	17.9 J Q, A	17.0 J *#	17.7 J Q, A	19.1 J Q, A	57.3 J E	18.9 J Q, E, *#	17.7 J Q, E, *#
Vanadium	mg/kg	59.1 J E, A	55.0 J *#	63.9 J E, A	61.9 J E, A	65.4 J E	57.0 J Q, *#	63.8 J Q, *#
Zinc	mg/kg	72.9 J E	83.7 J *#	74.0 J E	67.9 J E	182 J E	73.4 J E, *#	77.5 J E, *#
Zirconium	mg/kg	8.41	3.19 J Z	5.48 J Z	5.66 J Z	7.09	2.01 J Z	2.38 J Z
Calcium	mg/kg	8910 J A	8600	11200 J A	141000 J A	26900	26400	19900
Phosphorus	mg/kg	356	658	254	457	1580	218	308
Selenium	mg/kg	0.477 U B	0.257 J Z	0.473 U B	0.470 U B	0.216 J Z	0.0733 J Z	0.0686 J Z
Chromium VI	mg/kg	0.60 J Z	1.2 U	0.63 J Z	0.39 J Z	0.65 J FD, Z	1.2 U	0.37 J Z
Perchlorate (314.0)	ug/kg	35.8 U	35.0 U	35.5 U	36.3 U	35.4 U	34.8 U	34.3 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	16.1	14.3	15.5	17.3	15.2	13.7	12.5
pH	pH unit	8	7.85	8.01	8.14	8.27	8.05	8.03

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-028-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-028-SA8N-SB-4.0-5.0 04/26/2011 DE137 4 5	SL-028-SA8N-SB-9.0-10.0 04/26/2011 DE137 9 10	SL-032-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-032-SA8N-SB-4.0-5.0 04/27/2011 DE138 4 5	SL-032-SA8N-SB-9.0-10.0 04/27/2011 DE138 9 10	SL-036-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	2.9 J Q	3	4.9	2.2 J Q	5.7	5.7	1.5 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	21200	28000	17300	18100	37500	16600	26800
Iron	mg/kg	25300	28700	17500	22900	36900	15700	30800
Lead	mg/kg	22.8 J E	8.21 J Q, E	4.42 J Q, E	15.2 J E	11	5.93	14.7 J *#
Lithium	mg/kg	22.4	26.2	22.6	21.4	32.6	22.8	24.5
Magnesium	mg/kg	6090	7230	3760	5220	8060	4940	8220
Manganese	mg/kg	383	408	185	306	471	177	477 J *#
Mercury	mg/kg	0.0341 J Z	0.117 U	0.108 U	0.0494 J Z	0.114 U B	0.117 U B	0.0163 J Z
Molybdenum	mg/kg	0.495 J E	0.145 J E	0.145 J E	0.687 J E	0.238	0.198	0.501
Nickel	mg/kg	17.5 J E, Q	23.5 J Q, E, *#	9.72 J Q, E, *#	19.8 J E, Q	25	14	18.9 J *#
Potassium	mg/kg	5870	2110 J Q	1760 J Q	4580	2420	1420	7430
Silver	mg/kg	0.0961 J Z	0.0375 J Q, E, Z	0.0133 J Q, E, Z	0.0537 J Z	0.0709 J Z	0.0262 J Z	0.0529 J Z
Sodium	mg/kg	138	316	221	167	233	142	85.3 J Z
Strontium	mg/kg	66	57.3	59.2	30.7	64.5	268	33.3 J *#
Thallium	mg/kg	0.278 J Q	0.244	0.234	0.475 J Q	0.301	0.222	0.345
Tin	mg/kg	12.0 U B	11.3 U B	10.8 U B	10.7 U B	11.8 U B	11.6 U B	12.0 U B
Titanium	mg/kg	1390	1160	1040	1270	1250	726	1290
Antimony	mg/kg	0.240 J Q	0.0855 J Q, E, Z	0.214 UJ Q, E	0.113 J Q, Z	0.170 J Z	0.0901 J Z	0.248 J Q, E
Arsenic	mg/kg	5.05 J Q	6.53 J Q, E	4.06 J Q, E	7.70 J Q	7.78	5.26	6.63 J Q
Beryllium	mg/kg	0.630 J E	1.04 J E	0.620 J E	0.894 J E	1.09	0.588	0.81
Barium	mg/kg	114 J E	113 J E, *#	67.3 J E, *#	137 J E	140	103	123
Boron	mg/kg	12.5	12.1	4.60 J Z	6.94	13.7	8.1	18.3
Cadmium	mg/kg	1.14 J Q	0.210 J Q, E	0.155 J Q, E	0.274 J Q	0.195	0.227	0.382
Chromium	mg/kg	25.0 J E, Q, *#	34.2 J Q, *#	14.4 J Q, *#	28.9 J E, Q, *#	34.7	20.7	33.0 J *#
Cobalt	mg/kg	7.61 J E, Q	8.46 J Q, E, *#	5.11 J Q, E, *#	11.2 J E, Q	12	6.02	11.3
Copper	mg/kg	27.0 J E	16.2 J Q, E, *#	6.28 J Q, E, *#	20.1 J E	20.3	10.6	16.7 J *#
Vanadium	mg/kg	43.2 J E	56.4 J Q, *#	32.6 J Q, *#	52.9 J E	62.9	42.2	59.2 J *#
Zinc	mg/kg	125 J E	58.8 J E, *#	48.1 J E, *#	99.9 J E	68.2	37.6	83.4 J *#
Zirconium	mg/kg	4.91 J Z	2.99 J Z	1.50 J Z	3.82 J Z	2.07 J Z	2.25 J Z	3.14 J Z
Calcium	mg/kg	18700	47600	50500	7260	17000	233000	11800
Phosphorus	mg/kg	874	259	220	552	134	272	596
Selenium	mg/kg	0.177 J Z	0.0581 J Z	0.0818 J Z	0.151 J Z	0.0637 J Z	0.101 J Z	0.227 J Z
Chromium VI	mg/kg	0.70 J Z	1.2 U	1.1 U	1.3	1.2 U	1.2 U	1.2 U
Perchlorate (314.0)	ug/kg	36.3 U	35.3 U	33.4 U	32.4 U	35.5 U	36.0 U	36.5 U
Perchlorate (6850)	ug/kg	--	--	--	5.4 U	5.9 U	--	--
Percent Moisture	%	17.4	15	10.1	7.4	15.6	16.6	17.8
pH	pH unit	7.92	8.25	8.34	7.94	7.91	8.26	7.6

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-036-SA8N-SB-4.0-5.0 04/25/2011 DE136 4 5	SL-036-SA8N-SB-9.0-10.0 04/25/2011 DE136 9 10	SL-040-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-040-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-040-SA8N-SB-9.0-10.0 04/29/2011 DE140 9 10	SL-041-SA8N-SB-4.0-5.0 04/28/2011 DE139 4 5	SL-041-SA8N-SB-9.0-10.0 04/28/2011 DE139 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	2.7	4.4	1.9 J Q	1.6	4.6	1.6 J Q	6.8 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	36400	34400	15500	31900	21900	33600	30400
Iron	mg/kg	34100	33800	19700	37900	25200	36800	28200
Lead	mg/kg	11.8 J Q, E	11.4 J Q, E	9.16 J E, *#	9.31 J A	9.16 J A	12.8	8.50 J *#
Lithium	mg/kg	28.4	30.4	19.7	28.8	25	27.3	26.2
Magnesium	mg/kg	7600	7680	4230	7890	6740	7780	5970
Manganese	mg/kg	456	346	287	493	375	461	201
Mercury	mg/kg	0.109 U	0.122 U	0.103 U	0.115 U	0.116 U	0.114 U B	0.115 U
Molybdenum	mg/kg	0.361 J E	0.241 J E	0.458 J E	0.359	0.24	0.302	0.186
Nickel	mg/kg	26.3 J Q, E, *#	27.0 J Q, E, *#	13.8 J Q, *#	20.9 J A	17.1 J A	28.4	18.8 J *#
Potassium	mg/kg	4690 J Q	2500 J Q	3290	5260	2930	4370	1950
Silver	mg/kg	0.0569 J Q, E, Z	0.0794 J Q, E, Z	0.0338 J Z	0.0278 J Z	0.0388 J Z	0.0693 J Z	0.0427 J Z
Sodium	mg/kg	126	135	90.6 J Z	113 J Z	195	154	310
Strontium	mg/kg	48.3	52.8	27.5	45.6	181	50.5	56.8
Thallium	mg/kg	0.435	0.359	0.223 J Q	0.306	0.318	0.47	0.298
Tin	mg/kg	11.6 U B	12.2 U B	10.7 U B, Z	11.9 U B	12.0 U B	11.4 U B	11.6 U B
Titanium	mg/kg	1510	1140	1010	1290	1190	1320	1020
Antimony	mg/kg	0.114 J Q, E, Z	0.248 UJ Q, E	0.205 UJ Q	0.303 J Q	0.232 J Q, Z	0.147 J Z	0.222 J Q, Z
Arsenic	mg/kg	7.35 J Q, E	9.21 J Q, E	4.07 J Q	5.99	6.65	7.78	8.01
Beryllium	mg/kg	1.09 J E	0.983 J E	0.556	0.800 J Q	0.765 J Q	1.22	0.872 J Q
Barium	mg/kg	181 J E, *#	143 J E, *#	119 J *#	130 J A	108 J A	204	123 J *#
Boron	mg/kg	16.1	13.1	2.98 J Z	7.56	8.76	14.6	4.58 J Z
Cadmium	mg/kg	0.331 J Q, E	0.254 J Q, E	0.321 J Q, E	0.279	0.311	0.278	0.186
Chromium	mg/kg	37.0 J Q, *#	38.1 J Q, *#	19.2 J E, *#	31.4 J A	31.8 J A	39.5	31.5 J *#
Cobalt	mg/kg	14.7 J Q, E, *#	12.8 J Q, E, *#	6.80 J *#	10.7 J A	8.69 J A	15.5	12.6 J *#
Copper	mg/kg	20.5 J Q, E, *#	21.1 J Q, E, *#	12.0 J Q, *#	16.5 J A	15.4 J A	21.1	14.4 J *#
Vanadium	mg/kg	68.6 J Q, *#	71.9 J Q, *#	35.5 J *#	55.6 J A	62.3 J A	74	56.3 J *#
Zinc	mg/kg	82.9 J E, *#	80.4 J E, *#	61.5 J *#	73.1 J A	61.9 J A	89.1	47.1 J *#
Zirconium	mg/kg	3.71 J Z	1.60 J Z	2.48 J Z	6.47	5.49 J Z	2.36 J Z	5.40 J Z
Calcium	mg/kg	19200	28800	3360	10400 J E	98600 J E	17300	50100 J E
Phosphorus	mg/kg	305	209	412	356	488	307	140
Selenium	mg/kg	0.173 J Z	0.101 J Z	0.124 J Z	0.251 J Q, Z	0.126 J Q, Z	0.130 J Z	0.463 UJ Q
Chromium VI	mg/kg	0.38 J Z	1.2 U	1.1	0.56 J Z	0.37 J Z	0.32 J Z	0.30 J Z
Perchlorate (314.0)	ug/kg	35.3 U	37.3 U	32.3 U	35.9 U	36.7 U	35.3 U	35.0 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	15	19.5	7.1	16.5	18.3	15.1	14.4
pH	pH unit	7.85	8.08	7.2	7.89	8.07	7.87	8.07

U - Compound not detected above the reporting limit
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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-046-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-047-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-048-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-049-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-049-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-049-SA8N-SB-8.0-9.0 04/29/2011 DE140 8 9	SL-050-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	1.9	--	1.3 J Z	1.5 J Z	1.8 U	--
Fluoride	mg/kg	2.4 J Q	1.6	3.3	5.6 J Q	8.8	5.2	2.6
Cyanide	mg/kg	--	0.57 U	--	0.55 U	0.56 U	0.59 U	--
Aluminum	mg/kg	21100	24300	24100	21700	23500	22300	24900
Iron	mg/kg	26200	28200	26600	27100	27500	38800	28200
Lead	mg/kg	14.9 J E	9.97 J *#	11.0 J *#	8.62 J Q	6.59 J A	7.21 J A	11.8 J *#
Lithium	mg/kg	20	24.7	21.8	25.2	30.4	41	22.8
Magnesium	mg/kg	6460	7490	6510	6260	5470	8580	7570
Manganese	mg/kg	396	416 J *#	445 J *#	461	312	302	440 J *#
Mercury	mg/kg	0.0155 J Z	0.0430 J Z	0.0143 J Z	0.109 U	0.108 U	0.0196 J Z	0.0174 J Z
Molybdenum	mg/kg	0.665 J E	0.447	0.596	0.307	0.506	0.263	0.525
Nickel	mg/kg	23.6 J E, Q	16.6 J *#	15.2 J *#	16.8 J E, Q	18.1 J A	18.1 J A	17.7 J *#
Potassium	mg/kg	6310	5580	4990	2640 J Q	2020	2100	6250
Silver	mg/kg	0.0697 J Z	0.0228 J Z	0.0411 J Z	0.0373 J Z	0.0602 J Z	0.101 J Z	0.0288 J Z
Sodium	mg/kg	96.1 J Z	121	149	117	641	698	109 J Z
Strontium	mg/kg	31.6	71.3 J *#	36.6 J *#	27.7	19.5	33.7	48.4 J *#
Thallium	mg/kg	0.428 J Q	0.301	0.314	0.287	0.291	0.29	0.303
Tin	mg/kg	11.0 U B	11.6 U B	12.7 U B	11.1 U B, Z	11.1 U B	11.8 U B	12.1 U B
Titanium	mg/kg	1530	1200	1300	1340	1450	1540	1220
Antimony	mg/kg	0.472 J Q	0.141 J Q, E, Z	0.184 J Q, E, Z	0.0804 J Q, Z	0.246 J Q	0.103 J Q, Z	0.200 J Q, E, Z
Arsenic	mg/kg	6.22 J Q	5.56 J Q	6.27 J Q	6.34 J Q, E	7.08	7.42	6.39 J Q
Beryllium	mg/kg	0.880 J E	0.712	0.775	0.705	0.775 J Q	0.914 J Q	0.746
Barium	mg/kg	130 J E	125	114	98.7	76.6 J A	70.2 J A	111
Boron	mg/kg	9.5	17.2	14.4	11.2	1.05 J Z	5.88 U	18.3
Cadmium	mg/kg	0.450 J Q	0.305	0.274	0.211 J E, Q	0.138	0.0995 J Z	0.345
Chromium	mg/kg	35.1 J E, Q, *#	30.5 J *#	28.3 J *#	24.9 J Q	26.4 J A	25.2 J A	32.2 J *#
Cobalt	mg/kg	11.7 J E, Q	10.3	10.6	8.17 J E	9.88 J A	6.92 J A	10.4
Copper	mg/kg	22.1 J E	14.1 J *#	14.6 J *#	13.8 J *#	12.6 J A	17.7 J A	15.7 J *#
Vanadium	mg/kg	61.9 J E	55.6 J *#	50.0 J *#	44.7 J Q	57.0 J A	44.2 J A	56.3 J *#
Zinc	mg/kg	93.7 J E	76.6 J *#	66.8 J *#	69.4 J E	56.0 J A	62.7 J A	74.3 J *#
Zirconium	mg/kg	5.55	2.33 J Z	3.40 J Z	1.81 J Z	5.58	6.58	2.73 J Z
Calcium	mg/kg	8440	38100	13500	12100	4550 J E	31200 J E	22100
Phosphorus	mg/kg	663	548	432	326 J E	214	543	584
Selenium	mg/kg	0.263 J Z	0.216 J Z	0.238 J Z	0.0872 J Z	0.0501 J Q, Z	0.0760 J Q, Z	0.244 J Z
Chromium VI	mg/kg	0.58 J Z	0.39 J Z	0.47 J Z	0.43 J Z	0.34 J Z	1.2 U	1.2 U
Perchlorate (314.0)	ug/kg	32.9 U	35.4 U	38.1 U	33.6 U	33.7 U	35.6 U	36.8 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	6.1 U
Percent Moisture	%	8.9	15.2	21.3	10.8	11	15.8	18.4
pH	pH unit	7.57	8.17	8.03	8.36	8.46	8.81	8.18

U - Compound not detected above the reporting limit
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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-050-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-050-SA8N-SB-9.0-10.0 05/02/2011 DE141 9 10	SL-051-SA8N-SB-7.5-8.5 06/17/2011 DE183 7.5 8.5	SL-054-SA8N-SB-7.0 06/17/2011 DE183 7 7	SL-056-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-056-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-056-SA8N-SB-7.0-8.0 05/05/2011 DE144 7 8
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	3.6	2.8	2.1
Fluoride	mg/kg	4.4	7.8	2.7	--	2.1 J Q	2.5 J Q	2.1 J Q
Cyanide	mg/kg	--	--	--	--	0.59 U	0.56 U	0.53 U
Aluminum	mg/kg	27900	18600	29200	--	24800	18700	10700
Iron	mg/kg	30400	25700	30500	--	31600	21600	19700
Lead	mg/kg	13.5 J Q, A	6.47 J Q, A	11.8 J E, Q	--	10.7 J *#	18.5 J E	3.95 J E
Lithium	mg/kg	21.6	24.7	21.6	--	28.3	15.2	23.1
Magnesium	mg/kg	5690	6120	6220	--	8120	4090	4610
Manganese	mg/kg	338 J E	366 J E	532	--	429	401 J E	267 J E
Mercury	mg/kg	0.117 U	0.118 U	0.0084 J Z	--	0.0111 J Z	0.109 U	0.102 U
Molybdenum	mg/kg	0.854 J E	0.424 J E	0.88	--	0.624	1.39 J E	0.294 J E
Nickel	mg/kg	29.1 J Q, A	22.3 J Q, A	22.7	--	19.1 J *#	23.7 J E, Q	16.4 J E, Q
Potassium	mg/kg	2320	1860	5570 J Q	--	6360 J Q	3510 J E	1600 J E
Silver	mg/kg	0.0910 J Z	0.0389 J Z	0.0513 J Z	--	0.0468 J Z	0.0402 J Q, Z	0.0137 J Q, Z
Sodium	mg/kg	354	567	237	--	131	126	143
Strontium	mg/kg	27.6	23.2	32.5	--	73.3	23.2	13.3
Thallium	mg/kg	0.419	0.368	0.429	--	0.315	0.297 J Q	0.370 J Q
Tin	mg/kg	11.4 U B	11.8 U B	10.7 U B	--	11.4 U B	11.5 U B	10.5 U B
Titanium	mg/kg	794	1260	1550 J L	--	1360	1330	1280
Antimony	mg/kg	0.304 J Q	0.113 J Q, Z	0.212 UJ B, Q	--	0.231 J Q	0.439 J Q, E	0.211 UJ Q, E
Arsenic	mg/kg	9.98 J Q	7.85 J Q	7.26	--	6.18 J Q	10.6 J E	5.39 J E
Beryllium	mg/kg	1.21 J Q, E	0.746 J Q, E	0.928	--	0.702	1.07 J E	0.511 J E
Barium	mg/kg	145 J E, A	101 J E, A	160	--	130	142 J E	95.7 J E
Boron	mg/kg	5.72 U	5.88 U	6.89	--	5.72 U F, Z	7.14	3.34 J Z
Cadmium	mg/kg	0.194 J E	0.123 J E	0.461	--	0.279	0.492 J Q	0.0512 J Q, Z
Chromium	mg/kg	38.8 J Q, A	24.9 J Q, A	41.2	--	30.5 J *#	26.3 J E, Q	18.7 J E, Q
Cobalt	mg/kg	14.4 J E, A	9.39 J E, A	12.2	--	10.3 J *#	12.7 J E, Q	6.42 J E, Q
Copper	mg/kg	19.3 J Q, A	12.9 J Q, A	21.2 J E	--	16.9 J *#	17.5 J E, Q	7.97
Vanadium	mg/kg	66.8 J E, A	49.0 J E, A	73.8	--	57.9 J Q, *#	70.6 J E	40.3 J E
Zinc	mg/kg	79.1 J E	63.3 J E	78.9	--	81.1	67.9 J E	64.2 J E
Zirconium	mg/kg	4.72 J Z	6.1	5.65	--	2.59 J Z	2.00 J Z	1.82 J Z
Calcium	mg/kg	4800 J A	5470 J A	6070 J E	--	35500	4850	3260
Phosphorus	mg/kg	117	322	321 J Q	--	731	235	362
Selenium	mg/kg	0.466 U B	0.475 U B	0.316 J Z	--	0.795	0.288 J Z	0.0679 J Z
Chromium VI	mg/kg	0.48 J Z	0.62 J Z	0.93 J Z	--	1.2 U	1.1 U	1.1 U
Perchlorate (314.0)	ug/kg	35.7 U	35.6 U	33.0 U	--	35.0 U	34.4 U	32.3 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	5.7 U	--
Percent Moisture	%	15.9	15.8	9.2	7.3	14.3	12.7	7
pH	pH unit	7.66	8.5	7.8	--	8.26	7.97	8.15

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-057-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-057-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-057-SA8N-SB-7.0-8.0 05/05/2011 DE144 7 8	SL-058-SA8N-SB-7.5 06/17/2011 DE183 7.5 7.5	SL-059-SA8N-SB-9.0 06/17/2011 DE183 9 9	SL-062-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5	SL-062-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-067-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5
Chemical Name	Unit								
Nitrate	mg/kg	1.7 U	2.6	4.4	--	--	1.0 J Z	4.9	3.1
Fluoride	mg/kg	2.4 J Q	1.3 J Q	1.7 J Q	--	--	2.4 J Q	1.7 J Q	2.4 J Q
Cyanide	mg/kg	0.55 U	0.56 U	0.55 U	--	--	0.56 U	0.56 U	0.61 U
Aluminum	mg/kg	25600	23300	20800	--	--	24100	20300	24600
Iron	mg/kg	31500	29200	25200	--	--	30600	25000	31300
Lead	mg/kg	10.0 J *#	10.4 J E	9.47 J E	--	--	9.74 J E, *#	11.5 J E	10.9 J E, *#
Lithium	mg/kg	30.7	28	24	--	--	30.5	23.1	30.1
Magnesium	mg/kg	8760	7540	7090	--	--	8340	6900	8370
Manganese	mg/kg	410	320 J E	311 J E	--	--	376	319 J E	406
Mercury	mg/kg	0.0138 J Z	0.0310 J Z	0.105 U	--	--	0.107 U	0.110 U	0.0054 J Q, Z
Molybdenum	mg/kg	0.449	0.399 J E	0.258 J E	--	--	0.326 J E	0.244 J E	0.320 J E
Nickel	mg/kg	19.8 J *#	23.4 J E, Q	22.4 J E, Q	--	--	19.3 J Q, *#	26.6 J E, Q	19.1 J Q, *#
Potassium	mg/kg	7080 J Q	5480 J E	4090 J E	--	--	6700	4200 J E	6720
Silver	mg/kg	0.0356 J Z	0.0267 J Q, Z	0.0247 J Q, Z	--	--	0.0290 J Z	0.110 U	0.0214 J Z
Sodium	mg/kg	126	162	191	--	--	135	183	118
Strontium	mg/kg	82.2	115	192	--	--	75	189	101
Thallium	mg/kg	0.352	0.397 J Q	0.338 J Q	--	--	0.356 J Q	0.370 J Q	0.347 J Q
Tin	mg/kg	10.9 U B	11.1 U B	11.0 U B	--	--	10.9 U B, Z	11.0 U B	11.7 U B, Z
Titanium	mg/kg	1450	1220	1170	--	--	1280	1180	1250
Antimony	mg/kg	0.226 J Q	0.0992 J Q, E, Z	0.116 J Q, E, Z	--	--	0.141 J Q, Z	0.220 UJ Q, E	0.172 J Q, Z
Arsenic	mg/kg	5.87 J Q	6.43 J E	6.17 J E	--	--	5.23 J Q	7.39 J E	5.15 J Q
Beryllium	mg/kg	0.669	0.806 J E	0.748 J E	--	--	0.723	0.872 J E	0.711
Barium	mg/kg	107	128 J E	112 J E	--	--	99.0 J *#	131 J E	102 J *#
Boron	mg/kg	5.45 U F, Z	13.3	12.9	--	--	10.3	12.4	10.6
Cadmium	mg/kg	0.259	0.284 J Q	0.487 J Q	--	--	0.226 J Q, E	0.460 J Q	0.270 J Q, E
Chromium	mg/kg	31.1 J *#	34.1 J E, Q	28.6 J E, Q	--	--	31.3 J E, *#	36.8 J E, Q	31.8 J E, *#
Cobalt	mg/kg	10.7 J *#	12.0 J E, Q	11.1 J E, Q	--	--	10.3 J *#	13.6 J E, Q	9.63 J *#
Copper	mg/kg	17.8 J *#	18.8 J E, Q	18.1 J E, Q	--	--	16.4 J Q, *#	22.1 J E, Q	16.5 J Q, *#
Vanadium	mg/kg	59.9 J Q, *#	68.8 J E	61.3 J E	--	--	59.6 J *#	75.8 J E	59.3 J *#
Zinc	mg/kg	80	74.2 J E	68.2 J E	--	--	75.9 J *#	85.4 J E	72.9 J *#
Zirconium	mg/kg	2.22 J Z	1.35 J Z	1.77 J Z	--	--	3.42 J Z	1.75 J Z	3.37 J Z
Calcium	mg/kg	39100	68200	117000	--	--	36100	113000	51800
Phosphorus	mg/kg	696	584	511	--	--	645	585	633
Selenium	mg/kg	0.376 J Z	0.292 J Z	0.277 J Z	--	--	0.275 J Z	0.325 J Z	0.298 J Z
Chromium VI	mg/kg	1.1 U	1.2 U	0.35 J Z	--	--	0.48 J Z	1.2 U	0.43 J Z
Perchlorate (314.0)	ug/kg	33.7 U	34.7 U	33.0 U	--	--	34.1 U	34.7 U	36.7 U
Perchlorate (6850)	ug/kg	--	--	5.5 U	--	--	--	--	--
Percent Moisture	%	11	13.6	9.1	10	18.8	11.9	7.6	18.3
pH	pH unit	8.01	8.09	8.18	--	--	8.26	8.1	8.13

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-067-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-071-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-071-SA8N-SB-2.0-3.0 06/07/2011 DE175 2 3	SL-075-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-076-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-076-SA8N-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-076-SA8N-SB-7.5-8.5 06/08/2011 DE176 7.5 8.5
Chemical Name	Unit							
Nitrate	mg/kg	15.2	3.4	1.2 J Z	30.1	1.2 J Z	1.5 J Z	1.5 J Z
Fluoride	mg/kg	2.2 J Q	1.7 J Q	1.1 UJ Q	2.9 J Q	2.6 J Q	2.5 J Q	1.5 J Q
Cyanide	mg/kg	0.60 U	0.23 J Z	0.54 U	0.56 U	0.57 U	0.54 U	0.57 U
Aluminum	mg/kg	26100	14400	18200	22500	19900	24500	25600
Iron	mg/kg	32100	19400	21300	29600	24700	23200	20900
Lead	mg/kg	11.0 J E	12.6 J *#	9.46 J Q	10.8	8.49	7.66 J E, Q	8.54 J E, Q
Lithium	mg/kg	26.8	25.8	29.4	28.2	25.9	31.3	23.8
Magnesium	mg/kg	7630	4380	4410	8090	4890	4360	4140
Manganese	mg/kg	347	402	267 J E	378	330	280 J E	156 J E
Mercury	mg/kg	0.118 U	0.0449 J Z	0.0117 J Z	0.0139 J Z	0.0303 J Z	0.107 U F	0.109 U
Molybdenum	mg/kg	0.360 J E	0.722	0.962 J Q	0.519	0.868	1.18 J Q	1.18 J Q
Nickel	mg/kg	26.4 J E, Q	10.5 J *#	14.4 J Q, E	22.2 J Q, *#	17.0 J Q, *#	16.0 J Q	15.0 J Q
Potassium	mg/kg	4720 J Q	3630 J Q	3050 J Q	6100	3840	2160	1510
Silver	mg/kg	0.0517 J Q, Z	0.0362 J Z	0.0615 J Q, Z	0.0324 J Z	0.0497 J Z	0.0697 J Q, Z	0.130 J Q
Sodium	mg/kg	127	82.1 J Z	69.6 J Z	162	166	122	156
Strontium	mg/kg	40.2	22.6	10.7	86.2	23.6	16.8	24
Thallium	mg/kg	0.398	0.269	0.386 J Q	0.393	0.375	0.333 J Q	0.295 J Q
Tin	mg/kg	12.1 U B	11.6 U B	10.7 U B	11.6 U B	11.1 U B	11.1 U B	11.2 U B
Titanium	mg/kg	1450	1110	1260	1260	1190	1210	1240
Antimony	mg/kg	0.145 J Q, E, Z	0.111 J Q, Z	0.135 J Q, Z	0.0702 J Q, E, Z	0.128 J Q, E, Z	0.275 J Q	0.169 J Q, Z
Arsenic	mg/kg	6.59 J E	4.32 J Q	6.79 J Q, E	7.13	6.9	9.52 J E	11.6 J E
Beryllium	mg/kg	0.977 J E	0.428	0.786 J Q	0.797	0.844	0.872 J Q	0.791 J Q
Barium	mg/kg	166 J E	106	128	127 J E, *#	123 J E, *#	119	114
Boron	mg/kg	11.8	5.80 U F	6.69	5.82 U F, Z	5.57 U F	4.48 J Z	3.81 J Z
Cadmium	mg/kg	0.294 J E, Q	0.263	0.168 J Q	0.350 J Q	0.213 J Q	0.0781 J Q, Z	0.0512 J Q, Z
Chromium	mg/kg	35.5 J E, Q	14.3 J *#	19.6 J Q, A	35	26.4	18.8 J Q, A	20.0 J Q, A
Cobalt	mg/kg	14.3 J E, Q	5.44 J *#	7.01 J E, Q	12.5 J Q	9.36 J Q	6.63 J Q	7.48 J Q
Copper	mg/kg	20.2 J E, Q	8.95 J *#	8.79 J Q	19.1 J Q	14.4 J Q	10.2 J Q, A	8.54 J Q, A
Vanadium	mg/kg	79.3 J E	29.6 J Q, *#	41.7 J E, A	68.6	49.9	40.1 J Q, A	42.8 J Q, A
Zinc	mg/kg	90.9 J E	71.6	88.2	87.9	75.4	62.6	69.3
Zirconium	mg/kg	3.21 J Z	5.80 U	5.35 U	3.10 J Z	2.78 J Z	3.47 J Z	3.24 J Z
Calcium	mg/kg	14700	3450	1420 J E	46000	3380	2430	1990
Phosphorus	mg/kg	482	644	526	619	307	238	234
Selenium	mg/kg	0.183 J Z	0.224 J Z	0.432	0.315 J Z	0.250 J Z	0.127 J Q, Z	0.273 J Q, Z
Chromium VI	mg/kg	0.41 J Z	0.48 J Z	0.30 J Z	0.50 J Z	0.50 J Z	0.51 J Z	1.5
Perchlorate (314.0)	ug/kg	36.2 U	35.1 U	32.4 U	34.9 U	33.7 U	33.9 U	34.5 U
Perchlorate (6850)	ug/kg	6.0 U	--	--	--	--	--	--
Percent Moisture	%	17.2	14.6	7.4	14.1	11.1	11.4	13.1
pH	pH unit	7.85	6.58	5.41	6.45	6.46	6.9	6.36

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-077-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-078-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-078-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5	SL-079-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-079-SA8N-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-079-SA8N-SB-9.0-10.0 06/06/2011 DE174 9 10	SL-080-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	1.9 U	51.6 J Q	1.3 J Z	9.4 J Q	2	2.8	4.2
Fluoride	mg/kg	2.1 J Q	1.3 J Q	2.7 J Q	1.9 J Q	2.8 J E, Q	3.6 J E, Q	2.4 J Q
Cyanide	mg/kg	0.65 U	0.57 U	0.56 U	0.30 J Z	0.57 U	0.58 U	0.60 U
Aluminum	mg/kg	19200	25000	19500	18300	27300	27300	24800
Iron	mg/kg	25400	28800	24900	20000	27700	28100	28800
Lead	mg/kg	17.2	9.26 J E, *#	5.42 J E, A	17.2 J E, *#	8.14 J E, Q	6.41 J E, Q	9.10 J *#
Lithium	mg/kg	24.9	29.5	25.1	18	27.1	16.9	26.7
Magnesium	mg/kg	5790	8400	5360	4230	5170	4330	7770
Manganese	mg/kg	439	386	213	423	628 J E	175 J E	458
Mercury	mg/kg	0.0977 J Z	0.109 U	0.109 U	0.0202 J Q, Z	0.111 U	0.110 U	0.0249 J Z
Molybdenum	mg/kg	0.778	0.472 J E	1.29	0.596 J E	0.547	0.311	0.672
Nickel	mg/kg	21.5 J Q, *#	17.7 J Q, *#	13.0 J E, A	13.6 J Q, *#	16	9.31	17.3 J *#
Potassium	mg/kg	4750	6380	1930	4360	2580 J Q	2140 J Q	5910 J Q
Silver	mg/kg	0.0695 J Z	0.0243 J Z	0.0734 J Z	0.0384 J Z	0.0579 J Z	0.0280 J Z	0.0269 J Z
Sodium	mg/kg	131	216	448	75.2 J Z	199	183	129
Strontium	mg/kg	30.6	110	28.1	28.9	31.1	32.6	105
Thallium	mg/kg	0.422	0.328 J Q	0.219	0.278 J Q	0.335	0.193	0.282
Tin	mg/kg	12.7 U B	11.3 U B, Z	11.2 U B	11.7 U B, Z	11.4 U B	11.4 U B	12.0 U B
Titanium	mg/kg	1380	1290	1400	1100	1380	1210	1310
Antimony	mg/kg	0.250 UJ Q, E	0.0753 J Q, Z	0.206 J Q, Z	0.130 J Q, Z	0.155 J Q, Z	0.135 J Q, Z	0.136 J Q, Z
Arsenic	mg/kg	6.57	5.51 J Q	6.01 J E	3.52 J Q	5.33	3.95	5.83 J Q
Beryllium	mg/kg	0.866	0.686	0.555 J E	0.611	0.871 J Q	0.673 J Q	0.616
Barium	mg/kg	198 J E, *#	99.8 J *#	104 J E, A	114 J *#	127	78.4	110
Boron	mg/kg	6.37 U F	10.9	4.02 J Z	4.83 J Z	12.3	12.8	6.01 U F, Z
Cadmium	mg/kg	0.390 J Q	0.238 J Q, E	0.0500 J Z	0.225 J Q, E	0.0801 J Z	0.115 U	0.316
Chromium	mg/kg	31.9	30.5 J E, *#	20.3 J E, Q, A	19.5 J E, *#	21.1 J A	21.7 J A	27.7 J *#
Cobalt	mg/kg	11.4 J Q	9.51 J *#	7.45 J E, A	7.20 J *#	16.4	4.23	8.71 J *#
Copper	mg/kg	18.9 J Q	15.5 J Q, *#	10.3 J E, A	12.1 J Q, *#	9.96	8.46	16.1 J *#
Vanadium	mg/kg	59.6	56.4 J *#	55.2 J E, A	35.8 J *#	44.9 J A	42.5 J A	52.2 J Q, *#
Zinc	mg/kg	103	64.9 J *#	46.1 J E, A	58.8 J *#	57	41.7	72.6
Zirconium	mg/kg	3.17 J Z	3.26 J Z	5.16 J Z	2.71 J Z	2.88 J Z	2.62 J Z	3.01 J Z
Calcium	mg/kg	6600	55900	6880 J E	4270	3190 J E	3660 J E	59500
Phosphorus	mg/kg	616	642	225	438	209	161	1020
Selenium	mg/kg	0.490 J Z	0.425 J Z	0.132 J Z	0.182 J Z	0.0560 J Z	0.0621 J Z	0.683
Chromium VI	mg/kg	1.3 U	0.40 J Z	1.1 U	1.2	0.40 J Z	1.0 J Z	1.2 U
Perchlorate (314.0)	ug/kg	38.6 U	34.7 U	17.3 J Z	36.3 U	34.4 U	35.2 U	36.4 U
Perchlorate (6850)	ug/kg	--	--	9.5	--	--	--	--
Percent Moisture	%	22.3	13.5	11.8	17.3	12.9	14.8	17.6
pH	pH unit	7.46	7.77	8.13	6.7	6.87	6.98	8.01

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Sample Name Sample Date SDG Start Depth End Depth		SL-080-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-082-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-085-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-086-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-086-SA8N-SB-6.5-7.5 05/06/2011 DE145 6.5 7.5	SL-087-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5	SL-087-SA8N-SB-9.0-10.0 05/09/2011 DE146 9 10
Chemical Name	Unit							
Nitrate	mg/kg	21.9	5.5 J Q	7.2	--	--	3.8	1.5 J Z
Fluoride	mg/kg	2.1 J Q	1.5 J Q	2.1 J Q	1.5 J Q	1.7	3.8 J Q	2.5 J Q
Cyanide	mg/kg	0.57 U	0.56 U	0.57 U	--	--	0.57 U	0.56 U
Aluminum	mg/kg	23900	19000	17500	24800	22100	22900	22100
Iron	mg/kg	26800	26800	21300	29400	28500	25200	26000
Lead	mg/kg	10.6 J E	26.9 J E, *#	14.4 J *#	10.8 J *#	12.4 J E	5.51 J E, A	6.87 J E, A
Lithium	mg/kg	21.3	19.7	22.5	30.4	28.9	23.1	27.9
Magnesium	mg/kg	5310	3990	4580	8630	7570	4760	4720
Manganese	mg/kg	406	368	379	408	343 J E	320	299
Mercury	mg/kg	0.106 U	0.167 J Q	0.659	0.0106 J Z	0.103 U	0.0042 J Z	0.115 U
Molybdenum	mg/kg	0.665 J E	0.736 J E	0.816	0.477	0.249 J E	0.587	0.618
Nickel	mg/kg	23.6 J E, Q	14.6 J Q, *#	13.4 J *#	19.6 J *#	27.7 J E, Q	12.4 J E, A	17.6 J E, A
Potassium	mg/kg	4060 J Q	3680	4160 J Q	7200 J Q	5020 J E	2690	2170
Silver	mg/kg	0.0473 J Q, Z	0.172	0.127	0.0278 J Z	0.0452 J Q, Z	0.0363 J Z	0.0538 J Z
Sodium	mg/kg	138	80.0 J Z	85.5 J Z	118	200	193	225
Strontium	mg/kg	22.6	19.6	22.5	82.1	114	24.7	23
Thallium	mg/kg	0.374	0.374 J Q	0.276	0.312	0.449 J Q	0.286	0.374
Tin	mg/kg	11.1 U B	11.0 U B, Z	11.4 U B	11.3 U B	11.0 U B, Z	11.2 U B	11.8 U B
Titanium	mg/kg	1300	1020	1180	1390	1380	1280	1400
Antimony	mg/kg	0.170 J Q, E, Z	0.0985 J Q, Z	0.136 J Q, Z	0.205 J Q, Z	0.0924 J Q, E, Z	0.184 J Q, Z	0.212 J Q, Z
Arsenic	mg/kg	6.59 J E	4.77 J Q	4.88 J Q	5.81 J Q	8.18 J E	4.46 J E	6.23 J E
Beryllium	mg/kg	1.01 J E	0.766	0.575	0.682	1.01 J E	0.578 J E	0.754 J E
Barium	mg/kg	149 J E	116 J *#	102	97.2	157 J E	102 J E, A	134 J E, A
Boron	mg/kg	9.44	2.22 J Z	5.72 U F	5.66 U F, Z	12	2.27 J Z	1.49 J Z
Cadmium	mg/kg	0.404 J E, Q	0.289 J Q, E	1.35	0.253	0.387 J Q	0.126	0.0908 J Z
Chromium	mg/kg	32.0 J E, Q	22.9 J E, *#	19.0 J *#	30.2 J *#	38.6 J E, Q	20.1 J E, Q, A	27.6 J E, Q, A
Cobalt	mg/kg	12.9 J E, Q	7.11 J *#	6.61 J *#	9.89 J *#	14.5 J E, Q	6.96 J E, A	9.77 J E, A
Copper	mg/kg	19.6 J E, Q	12.8 J Q, *#	12.6 J *#	17.3 J *#	23.5 J E, Q	9.40 J E, A	11.9 J E, A
Vanadium	mg/kg	61.8 J E	43.8 J *#	35.3 J Q, *#	58.9 J Q, *#	85.1 J E	45.1 J E, A	59.6 J E, A
Zinc	mg/kg	74.0 J E	93.5 J *#	67.5	76.7	95.1 J E	43.2 J E, A	57.2 J E, A
Zirconium	mg/kg	2.28 J Z	5.51 U	1.44 J Z	2.07 J Z	2.00 J Z	5.14 J Z	5.96
Calcium	mg/kg	5750	3220	4370	37300	69700	3200 J E	3520 J E
Phosphorus	mg/kg	276	488	523	700	550	214	161
Selenium	mg/kg	0.167 J Z	0.236 J Z	0.202 J Z	0.323 J Z	0.333 J Z	0.141 J Z	0.107 J Z
Chromium VI	mg/kg	0.40 J Z	0.57 J Z	0.61 J Z	0.45 J Z	1.1 U	0.36 J Z	0.34 J Z
Perchlorate (314.0)	ug/kg	34.4 U	33.4 U	34.6 U	35.3 U	32.9 U	34.6 U	35.4 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	12.9	10.2	13.4	15	8.9	13.4	15.2
pH	pH unit	7.79	6.39	7.54	7.98	8.22	6.93	7.53

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-088-SA8N-SB-3.0-4.0 05/09/2011 DE146 3 4	SL-089-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-090-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-091-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-092-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-093-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-094-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	1.2 J Z	3.3 J Q	--	--	9.6	5.1	--
Fluoride	mg/kg	1.3 J Q	2.1 J Q	1.2 UJ Q	1.2 J Q	1.1 J Q	1.6 J Q	1.1 J Q
Cyanide	mg/kg	0.56 U	0.59 U	--	--	0.57 U	0.56 U	--
Aluminum	mg/kg	19300	22400	18000	15300	15000	14200	26700
Iron	mg/kg	21800	23900	19200	19000	21100	19700	28100
Lead	mg/kg	6.30 J E, A	11.5 J E, *#	9.93 J E, *#	14.3 J E, *#	12.3	22.1	14.4
Lithium	mg/kg	24.8	20.8	20.4	22.7	24.6	24.3	24.2
Magnesium	mg/kg	4630	5150	3980	4470	4430	4250	5770
Manganese	mg/kg	273	434	333	293	423	414	347
Mercury	mg/kg	0.0056 J Z	0.118 U	0.0185 J Q, Z	0.0235 J Q, Z	0.182	3.77	0.0323 J Z
Molybdenum	mg/kg	0.664	0.573 J E	0.680 J E	0.670 J E	0.632	0.915	0.551
Nickel	mg/kg	14.3 J E, A	16.6 J Q, *#	11.4 J Q, *#	11.4 J Q, *#	12.9 J Q, *#	16.3 J Q, *#	25.8 J Q, *#
Potassium	mg/kg	3010	4170	3500	3230	3910	3440	4330
Silver	mg/kg	0.0304 J Z	0.0491 J Z	0.0293 J Z	0.0488 J Z	0.0490 J Z	0.123	0.0569 J Z
Sodium	mg/kg	91.0 J Z	98.3 J Z	71.7 J Z	73.5 J Z	85.5 J Z	76.2 J Z	84.0 J Z
Strontium	mg/kg	18.2	26.3	21.5	17	22.3	22.4	32.5
Thallium	mg/kg	0.32	0.313 J Q	0.265 J Q	0.345 J Q	0.298	0.334	0.443
Tin	mg/kg	11.2 U B	11.8 U B, Z	11.5 U B, Z	11.6 U B, Z	11.2 U B	11.2 U B	10.7 U B
Titanium	mg/kg	1200	1240	1090	1110	1060	1010	1300
Antimony	mg/kg	0.347 J Q	0.127 J Q, Z	0.0875 J Q, Z	0.136 J Q, Z	0.127 J Q, E, Z	0.0947 J Q, E, Z	0.144 J Q, E, Z
Arsenic	mg/kg	5.76 J E	4.61 J Q	3.60 J Q	3.51 J Q	5.72	5.75	7.05
Beryllium	mg/kg	0.688 J E	0.749	0.589	0.551	0.67	0.72	1.08
Barium	mg/kg	106 J E, A	126 J *#	98.4 J *#	84.0 J *#	129 J E, *#	146 J E, *#	134 J E, *#
Boron	mg/kg	1.78 J Z	4.39 J Z	2.73 J Z	2.16 J Z	5.58 U	5.60 U F	5.34 U F
Cadmium	mg/kg	0.138	0.302 J Q, E	0.189 J Q, E	0.134 J Q, E	0.257 J Q	0.518 J Q	0.355 J Q
Chromium	mg/kg	22.6 J E, Q, A	26.0 J E, *#	17.6 J E, *#	17.5 J E, *#	17.3	20.8	36.4
Cobalt	mg/kg	6.93 J E, A	9.44 J *#	6.31 J *#	5.88 J *#	6.80 J Q	7.76 J Q	13.3 J Q
Copper	mg/kg	11.6 J E, A	14.7 J Q, *#	9.77 J Q, *#	9.14 J Q, *#	11.3 J Q	15.4 J Q	19.7 J Q
Vanadium	mg/kg	51.7 J E, A	48.4 J *#	34.2 J *#	34.7 J *#	35.4	40.2	68.9
Zinc	mg/kg	65.6 J E, A	63.6 J *#	56.9 J *#	61.5 J *#	78.2	94.3	87.8
Zirconium	mg/kg	2.14 J Z	2.36 J Z	5.74 U	5.78 U	1.80 J Z	1.24 J Z	3.61 J Z
Calcium	mg/kg	2270 J E	4200	2470	2620	3180	3980	5120
Phosphorus	mg/kg	450	283	397	476	524	544	276
Selenium	mg/kg	0.342 J Z	0.217 J Z	0.153 J Z	0.155 J Z	0.174 J Z	0.223 J Z	0.202 J Z
Chromium VI	mg/kg	1.1 U	1.2 U	1.2 U	0.54 J Z	1.1 U	1.1 U	0.67 J Z
Perchlorate (314.0)	ug/kg	34.4 U	35.5 U	35.5 U	35.7 U	33.5 U	34.3 U	32.4 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	12.7	15.6	15.5	16	10.4	12.5	7.3
pH	pH unit	5.39	6.4	6.44	6.28	5.97	6.8	6.79

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-094-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-094-SA8N-SB-7.5-8.5 05/13/2011 DE150 7.5 8.5	SL-095-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-095-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-096-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-096-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-096-SA8N-SB-9.0-10.0 05/13/2011 DE150 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	2.5 J Q	1.9 J Q	1.3 J Q	4.4 J Q	1.8 J Q	2.2 J Q	1.2 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	28100	20200	20600	30600	23800	31600	15100
Iron	mg/kg	30700	21300	24000	32400	25400	36200	19600
Lead	mg/kg	12.5	7.24	12.5	12	11.6	11.7	5.94
Lithium	mg/kg	22.9	24.8	21.9	25.7	21.8	28.1	20.6
Magnesium	mg/kg	6330	3950	5050	6710	5320	7510	3610
Manganese	mg/kg	434	344	294	415	325	453	380
Mercury	mg/kg	0.119 U	0.109 U	0.0151 J Z	0.0135 J Z	0.0149 J Z	0.114 U	0.0078 J Z
Molybdenum	mg/kg	0.721	0.96	0.545	0.438	0.398	0.48	0.764
Nickel	mg/kg	25.2	12.8	21.2 J Q, *#	24.1	19.9 J Q, *#	26	11.9
Potassium	mg/kg	5620	2880	3510	2590	3990	4290	3460
Silver	mg/kg	0.0479 J Z	0.0560 J Z	0.0523 J Z	0.0440 J Z	0.0370 J Z	0.0746 J Z	0.0401 J Z
Sodium	mg/kg	258	151	77.9 J Z	116	85.0 J Z	122	133
Strontium	mg/kg	38.7	22.2	25.4	45.7	28.1	47	18
Thallium	mg/kg	0.47	0.318	0.396	0.351	0.385	0.406	0.295
Tin	mg/kg	11.5 U B, Z	11.3 U B, Z	11.3 U B	11.3 U B, Z	10.5 U B	11.6 U B, Z	11.4 U B, Z
Titanium	mg/kg	1480	1060	1210	1030	1150	1260	1020
Antimony	mg/kg	0.311	0.0689 J Z	0.0666 J Q, E, Z	0.314	0.119 J Q, E, Z	0.303	0.104 J Z
Arsenic	mg/kg	7.22	5.74	7.49	7.55	5.71	7.05	4.6
Beryllium	mg/kg	1.05	0.873	0.921	1.05	0.89	1.03	0.685
Barium	mg/kg	171	106	163 J E, *#	157	141 J E, *#	185	119
Boron	mg/kg	9.45	5.78	5.66 U F	7.55	5.27 U F	8.72	5.00 J Z
Cadmium	mg/kg	0.419	0.0740 J Z	0.236 J Q	0.236	0.329 J Q	0.313	0.177
Chromium	mg/kg	37.8	17.3	30.1	32.9	29.4	37.3	16.9
Cobalt	mg/kg	13.2	7.43	12.5 J Q	15.2	10.2 J Q	13.5	6.09
Copper	mg/kg	22.1	9.06	16.9 J Q	15.6	15.6 J Q	19.9	10.2
Vanadium	mg/kg	71.1	35	59	58.8	57.1	65.6	33.3
Zinc	mg/kg	82.8	58.3	84.3	61.9	66.6	78.2	68.2
Zirconium	mg/kg	6.54	3.19 J Z	2.88 J Z	6.6	3.50 J Z	7.18	2.65 J Z
Calcium	mg/kg	5730	2010	4640	8840	4700	10100	2200
Phosphorus	mg/kg	272	449	356	125	265	223	502
Selenium	mg/kg	0.248 J Z	0.0988 J Z	0.153 J Z	0.0518 J Z	0.150 J Z	0.157 J Z	0.177 J Z
Chromium VI	mg/kg	0.46 J Z	1.1 U	1.1 U	1.2 U	1.1 U	0.47 J Z	1.2 U
Perchlorate (314.0)	ug/kg	35.9 U	34.0 U	33.9 U	35.0 U	32.2 U	35.6 U	34.6 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	16.4	11.7	11.6	14.3	6.9	15.8	13.3
pH	pH unit	7.35	6.82	7.07	7.21	6.88	6.57	6.8

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-097-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-097-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-098-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-098-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-098-SA8N-SB-9.0-10.0 05/12/2011 DE149 9 10	SL-099-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-101-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	3.5	3.3
Fluoride	mg/kg	1.7 J Q	9.5 J Q	2.9	11.0 J Q	2.0 J Q	2.2 J Q	1.9
Cyanide	mg/kg	--	--	--	--	--	0.57 U	0.58 U
Aluminum	mg/kg	26600	21400	22500	30200	14900	21600	21000
Iron	mg/kg	29100	23600	20900	33200	16500	20700	20000
Lead	mg/kg	13.2	7.65 J Q	9.23 J E, A	11.9 J Q	7.01 J Q	8.10 J Q	16.9 J E, A
Lithium	mg/kg	23.7	23.4	21.1	28.1	15.2	20.1	21.2
Magnesium	mg/kg	6160	4960	4440	6920	3020	3660	4130
Manganese	mg/kg	410	321	322 J E	540	130	169	395 J E
Mercury	mg/kg	0.0149 J Z	0.113 U	0.113 U	0.115 U	0.113 U	0.110 U	0.114 U
Molybdenum	mg/kg	0.547	0.422	0.533	0.629	0.596	0.722	0.563
Nickel	mg/kg	23.4 J Q, *#	16.0 J Q	13.1 J E, Q	23.3 J Q	8.52 J Q	12.2 J Q	12.3 J E, Q
Potassium	mg/kg	4630	3140	3210 J E	3420	2130	1790	4030 J E
Silver	mg/kg	0.0580 J Z	0.0246 J Z	0.0280 J Q, Z	0.0538 J Z	0.0306 J Z	0.0401 J Z	0.0376 J Q, Z
Sodium	mg/kg	94.9 J Z	320	101 J Z	521	97.6 J Z	221	86.1 J Z
Strontium	mg/kg	35.4	30.3	28	44.4	18	23.2	25.6
Thallium	mg/kg	0.406	0.365 J Q	0.238	0.354 J Q	0.358 J Q	0.313 J Q	0.236
Tin	mg/kg	11.4 U B	11.4 U B	11.6 U B	11.6 U B	11.2 U B	11.0 U B	11.6 U B
Titanium	mg/kg	1200	1280	1220	1260	986	1070	1210
Antimony	mg/kg	0.222 UJ Q, E	0.259 J E	0.175 J Q, Z	0.272 J E	0.0909 J E, Z	0.126 J E, Z	0.142 J Q, Z
Arsenic	mg/kg	6.61	7.06 J Q	5.04 J E, Q	8.30 J Q	5.41 J Q	5.67 J Q	4.24 J E, Q
Beryllium	mg/kg	0.987	0.808	0.707 J Q	0.984	0.739	0.938	0.631 J Q
Barium	mg/kg	166 J E, *#	101	109 J E	135	97.1	117	105 J E
Boron	mg/kg	5.71 U F	6.59	7.96	9.8	3.34 J Z	4.50 J Z	8.29
Cadmium	mg/kg	0.308 J Q	0.146	0.255 J Q	0.165	0.113 U	0.111 U	0.230 J Q
Chromium	mg/kg	33.8	25.4 J Q, *#	20.8 J E, A	35.9 J Q, *#	16.3 J Q, *#	22.8 J Q, *#	17.8 J E, A
Cobalt	mg/kg	11.8 J Q	9.16	6.68 J E, Q	12	3.94	5.2	6.05 J E, Q
Copper	mg/kg	19.5 J Q	12.3 J Q	10.2 J Q, A	18.8 J Q	7.34 J Q	7.44 J Q	10.4 J Q, A
Vanadium	mg/kg	64.9	50.3 J *#	40.8 J A	67.1 J *#	36.6 J *#	49.7 J *#	33.6 J A
Zinc	mg/kg	85.7	62.9 J *#	76.9 J A	75.4 J *#	52.1 J *#	47.1 J *#	71.8 J A
Zirconium	mg/kg	3.77 J Z	5.55 J Z	0.979 J Z	6.97	2.79 J Z	3.95 J Z	5.78 U
Calcium	mg/kg	5560	10300	5530	13200	1530	2090	3570
Phosphorus	mg/kg	302	244	312 J E	234	160	201	456 J E
Selenium	mg/kg	0.177 J Z	0.0666 J Z	0.139 J Z	0.0905 J Z	0.139 J Z	0.153 J Z	0.127 J Z
Chromium VI	mg/kg	1.2 U	0.32 J Z	0.70 J Z	1.2 U	1.2 U	1.4	1.1 J Z
Perchlorate (314.0)	ug/kg	34.6 U	34.8 U	36.2 U	35.3 U	35.0 U	34.4 U	35.0 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	13.3	13.8	17.1	14.9	14.4	12.7	14.3
pH	pH unit	6.89	7.83	7.16	8	6.94	7.21	7.32

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-101-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-101-SA8N-SB-7.0-8.0 05/12/2011 DE149 7 8	SL-102-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-103-SA8N-SB-3.0-4.0 05/12/2011 DE149 3 4	SL-104-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-104-SA8N-SB-9.0-10.0 05/13/2011 DE150 9 10	SL-105-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5
Chemical Name	Unit							
Nitrate	mg/kg	1.9	1.3 J Z	4	1.2 J Z	--	--	1.5 J Z
Fluoride	mg/kg	1.5 J Q	1.4 J Q	1.7	1.2 UJ Q	2.3 J Q	3.6 J Q	3.1
Cyanide	mg/kg	0.59 U	0.57 U	0.58 U	0.58 U	--	--	0.59 U
Aluminum	mg/kg	19300	16000	18800	29100	20800	27200	28200
Iron	mg/kg	22500	18100	18500	31700	21800	22600	30300
Lead	mg/kg	9.51 J Q	5.09 J Q	17.2 J E, A	7.23 J Q	6.86	6.17	10.6 J Q
Lithium	mg/kg	18.8	15.7	19.6	30.2	24.9	17.7	22.2
Magnesium	mg/kg	3720	2990	3890	4860	4090	3320	6050
Manganese	mg/kg	241	137	258 J E	233	314	116	496
Mercury	mg/kg	0.115 U	0.113 U	0.0058 J Q, Z	0.116 U	0.112 U	0.115 U	0.112 U
Molybdenum	mg/kg	0.849	0.507	0.553	0.887	0.639	0.388	1.08
Nickel	mg/kg	13.3 J Q	5.61 J Q	14.6 J E, Q	10.0 J Q	13.9	6.29	22.8 J Q
Potassium	mg/kg	2530	1590	3010 J E	3730	2600	1990	5290
Silver	mg/kg	0.0352 J Z	0.0167 J Z	0.0460 J Q, Z	0.118 U	0.0509 J Z	0.0203 J Z	0.0409 J Z
Sodium	mg/kg	86.3 J Z	85.5 J Z	85.9 J Z	90.2 J Z	381	224	151
Strontium	mg/kg	21.5	18.6	20.3	10.3	26.8	24.9	36.1
Thallium	mg/kg	0.300 J Q	0.208 J Q	0.317	0.261 J Q	0.291	0.233	0.453 J Q
Tin	mg/kg	11.6 U B	11.7 U B	11.5 U B	11.8 U B	11.3 U B, Z	11.5 U B, Z	11.8 U B
Titanium	mg/kg	1170	1070	1100	1400	1220	1220	1440
Antimony	mg/kg	0.257 J E	0.229 UJ E	0.224 J Q, Z	0.109 J E, Z	0.141 J Z	0.237 U	0.474 J E
Arsenic	mg/kg	6.45 J Q	4.00 J Q	4.94 J E, Q	5.42 J Q	4.25	3.16	6.42 J Q
Beryllium	mg/kg	0.871	0.548	0.794 J Q	0.782	0.783	0.503	1.02
Barium	mg/kg	128	53.3	110 J E	83	123	49.6	155
Boron	mg/kg	5.27 J Z	3.05 J Z	5.46 J Z	6.39	6.32	4.77 J Z	5.91 U F, Z
Cadmium	mg/kg	0.117	0.114 U	0.469 J Q	0.118 U	0.0892 J Z	0.118 U	0.362
Chromium	mg/kg	22.3 J Q, *#	12.5 J Q, *#	21.7 J E, A	18.6 J Q, *#	19.9	18	35.6 J Q, A
Cobalt	mg/kg	7.68	3.3	7.38 J E, Q	4.86	7.21	2.75	11.9
Copper	mg/kg	13.4 J Q	4.96 J Q	12.5 J Q, A	6.05 J Q	8.5	5.35	21.2 J Q
Vanadium	mg/kg	45.9 J *#	29.6 J *#	41.9 J A	41.5 J *#	39.8	30	65.4 J A
Zinc	mg/kg	58.5 J *#	37.9 J *#	115 J A	65.2 J *#	62.6	39.4	79.8 J A
Zirconium	mg/kg	4.38 J Z	3.23 J Z	5.73 U	4.29 J Z	4.38 J Z	4.51 J Z	6.7
Calcium	mg/kg	2420	1670	2950	1080	2550	2100	5230
Phosphorus	mg/kg	247	125	372 J E	629	433	163	210
Selenium	mg/kg	0.118 J Z	0.0605 J Z	0.145 J Z	0.493	0.0680 J Z	0.0526 J Z	0.273 J Z
Chromium VI	mg/kg	1.2 U	1.2 U	0.50 J Z	0.64 J Z	0.38 J Z	0.37 J Z	1.2 U
Perchlorate (314.0)	ug/kg	35.6 U	35.3 U	34.7 U	35.7 U	34.2 U	35.5 U	35.5 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	15.8	15.1	13.6	15.9	12.4	15.5	15.4
pH	pH unit	6.65	6.83	6.86	5.48	7.59	7.31	6.96

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-106-SA8N-SB-2.5-3.5 06/08/2011 DE176 2.5 3.5	SL-108-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-109-SA8N-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-109-SA8N-SB-9.0-10.0 06/08/2011 DE176 9 10	SL-111-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-111-SA8N-SB-3.0-4.0 06/10/2011 DE178 3 4	SL-112-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	3.9 J Q	3	1.3 J Q, Z	1.3 J Q, Z	1.9	1.5 J Z	2.9
Fluoride	mg/kg	5.1 J Q	1.7	3.1 J Q	6.0 J Q	1.5 J Q	1.7 J Q	2.1 J Q
Cyanide	mg/kg	0.57 U	0.50 U	0.56 U	0.58 U	0.56 U	0.54 U	0.57 U
Aluminum	mg/kg	24200	13100	18600	20700	19500	14800 J E	18500
Iron	mg/kg	29100	20500	25100	27500	25000	18300	20900
Lead	mg/kg	7.72 J E, Q	57.6 J A	7.63 J E, Q	11.2 J E, Q	17.8 J Q	5.90 J Q, A	8.26 J Q
Lithium	mg/kg	21.6	13.6	22.3	24.6	27.9	19.5	23.7
Magnesium	mg/kg	4550	4810	5110	5620	4690	3370	4130
Manganese	mg/kg	137 J E	259 J E	276 J E	298 J E	448	115 J E	343
Mercury	mg/kg	0.115 U	0.0294 J Q, Z	0.114 U	0.114 U	0.0178 J Z	0.0125 J Z	0.0066 J Z
Molybdenum	mg/kg	0.436 J Q	2.4	0.409 J Q	0.476 J Q	0.505	0.485	0.52
Nickel	mg/kg	12.0 J Q	23.7 J A	19.3 J Q	21.8 J Q	13.9	8.58 J Q	15.1
Potassium	mg/kg	1590	3040 J E	3180	3190	4990 J Q	1960 J Q	4220 J Q
Silver	mg/kg	0.0210 J Q, Z	0.11	0.0258 J Q, Z	0.0633 J Q, Z	0.0394 J Z	0.0400 J Z	0.0473 J Z
Sodium	mg/kg	268	266	85.2 J Z	185	80.4 J Z	81.9 J Z	73.1 J Z
Strontium	mg/kg	30.4	30.8	24.1	32.6	25	18.7	25.4
Thallium	mg/kg	0.288 J Q	0.204	0.336 J Q	0.386 J Q	0.308	0.222	0.369
Tin	mg/kg	11.2 U B	10.1 U B	11.5 U B	11.4 U B	11.1 U B	10.7 U B	11.1 U B
Titanium	mg/kg	1120	1030	1260	1360	1160	873	1010
Antimony	mg/kg	0.177 J Q, Z	1.15 J Q	0.214 J Q, Z	0.216 J Q, Z	0.225 UJ B, Q	0.141 J Z	0.221 UJ B, Q
Arsenic	mg/kg	5.72 J E	3.3	7.38 J E	9.47 J E	4.26	3.69 J Q	4.73
Beryllium	mg/kg	0.690 J Q	0.331 J Q	0.765 J Q	0.870 J Q	0.629	0.522 J Q	0.715
Barium	mg/kg	86.3	126 J A	96.9	127	127	75.2	133
Boron	mg/kg	4.39 J Z	6.71	5.38 J Z	5.53 J Z	5.62	5.37 U B	5.43 J Z
Cadmium	mg/kg	0.0653 J Q, Z	1.47	0.161 J Q	0.175 J Q	0.375	0.0584 J Z	0.289
Chromium	mg/kg	21.6 J Q, A	24.7 J A	23.3 J Q, A	26.1 J Q, A	21.0 J Q, A	16.9 J Q	23.9 J Q, A
Cobalt	mg/kg	5.25 J Q	6.91 J A	8.83 J Q	10.7 J Q	7.22	3.72	7.59
Copper	mg/kg	10.5 J Q, A	29.2 J A	14.5 J Q, A	16.3 J Q, A	12.2 J A	6.05 J Q	12.4 J A
Vanadium	mg/kg	36.0 J Q, A	40.4 J A	45.3 J Q, A	50.8 J Q, A	33.8 J A	31.2	37.3 J A
Zinc	mg/kg	58.9	649 J A	75.5	92.4	101	41.4 J Q, A	88.8
Zirconium	mg/kg	2.94 J Z	5.06 U	3.42 J Z	3.38 J Z	5.53 U	1.55 J Z	5.54 U
Calcium	mg/kg	3750	4860	4210	7420	3460	2090	3430
Phosphorus	mg/kg	126	813 J E	342	356	614	250 J Q	447
Selenium	mg/kg	0.462 U	0.279 J Q, Z	0.459 U	0.445 U	0.144 J Z	0.175 J Z	0.226 J Z
Chromium VI	mg/kg	0.73 J Z	1	0.54 J Z	0.77 J Z	1.1 U	0.62 J Z	1.1 U
Perchlorate (314.0)	ug/kg	34.6 U	30.3 U	34.4 U	34.7 U	33.8 U	32.9 U	34.2 U
Perchlorate (6850)	ug/kg	--	--	--	--	5.6 U	--	--
Percent Moisture	%	13.4	1.1	12.8	13.5	11.3	8.7	12.3
pH	pH unit	7.62	6.61	8.1	8.57	7.35	5.63	6.76

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-115-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-116-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-116-SA8N-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-117-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-118-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-119-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-120-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	3.5	11.3	1.7	1.6	2.5	1.5 J Z	3.6
Fluoride	mg/kg	1.1 UJ Q	1.8 J Q	1.8	1.4 J Q	1.3 J Q	1.4 J Q	1.6
Cyanide	mg/kg	0.21 J Z	0.40 J Z	0.54 U	0.52 U	0.58 U	0.53 U	0.53 U
Aluminum	mg/kg	14500	12100	17400 J E	16600	15800	15200	24500
Iron	mg/kg	19500	17700	22400	23700	23300	22400	26600
Lead	mg/kg	19.2 J Q	19.6 J Q	12.5 J Q, A	11.5 J Q	12.9 J Q	7.08 J Q	20.4 J E, A
Lithium	mg/kg	20.4	18	26.4	24.3	27.3	27.5	26.1
Magnesium	mg/kg	4030	4590	5620	5480	5680	6160	6290
Manganese	mg/kg	260	288	212 J E	295	306	311	371 J E
Mercury	mg/kg	0.0172 J Z	0.0755 J Z	0.113 U	0.0181 J Z	0.0315 J Z	0.0190 J Z	0.0277 J FD, Q, Z
Molybdenum	mg/kg	0.377	0.365	0.639	0.454	0.424	0.452	0.603
Nickel	mg/kg	11.8	11.9	16.8 J Q	15.5	15.1	13.9	18.3 J E, Q
Potassium	mg/kg	3710 J Q	2690 J Q	3240 J Q	4030 J Q	3630 J Q	3760 J Q	4980 J E
Silver	mg/kg	0.264	0.0525 J Z	0.0783 J Z	0.0795 J Z	0.0411 J Z	0.0481 J Z	0.0736 J Q, Z
Sodium	mg/kg	80.0 J Z	104 J Z	101 J Z	85.3 J Z	119	89.8 J Z	120
Strontium	mg/kg	22.6	23	20.6	19.5	26.4	16.8	32.7
Thallium	mg/kg	0.212	0.211	0.345	0.295	0.257	0.266	0.324
Tin	mg/kg	10.9 U B	12.0 U B	11.3 U B	10.5 U B	11.6 U B	10.5 U B	10.2 U B
Titanium	mg/kg	958	948	1140	1190	1070	1220	1270
Antimony	mg/kg	0.222 UJ B, Q	0.238 UJ B, Q	0.112 J Z	0.201 UJ B, Q	0.233 UJ B, Q	0.209 UJ B, Q	0.308 J Q
Arsenic	mg/kg	3.95	3.29	5.22 J Q	5.01	4.83	5.13	6.25 J E, Q
Beryllium	mg/kg	0.485	0.423	0.690 J Q	0.61	0.611	0.519	0.758 J Q
Barium	mg/kg	81.8	92.7	109	113	104	95.2	129 J E
Boron	mg/kg	5.06 J Z	5.32 J Z	5.65 U B	4.32 J Z	6.52	3.66 J Z	9.27
Cadmium	mg/kg	0.322	0.474	0.213	0.24	0.276	0.128	0.466 J Q
Chromium	mg/kg	19.0 J Q, A	15.5 J Q, A	25.4 J Q	25.8 J Q, A	21.0 J Q, A	23.5 J Q, A	28.3 J E, A
Cobalt	mg/kg	5.45	5.05	7.31	8.05	6.74	6.61	9.63 J E, Q
Copper	mg/kg	10.1 J A	10.6 J A	14.3 J Q	12.9 J A	12.0 J A	10.1 J A	17.8 J Q, A
Vanadium	mg/kg	29.7 J A	29.5 J A	48.3	41.6 J A	40.6 J A	39.4 J A	50.4 J A
Zinc	mg/kg	81.8	133	78.5 J Q, A	177	121	61.1	121 J A
Zirconium	mg/kg	5.45 U	6.02 U	2.73 J Z	5.26 U	5.82 U	5.24 U	5.12 U
Calcium	mg/kg	4330	4910	3400	3740	5080	3370	6510
Phosphorus	mg/kg	408	623	490 J Q	529	525	485	467 J E
Selenium	mg/kg	0.0910 J Z	0.150 J Z	0.144 J Z	0.144 J Z	0.176 J Z	0.171 J Z	0.165 J Z
Chromium VI	mg/kg	0.37 J Q, Z	1.4 J Q	0.43 J Z	1.1 U	1.2 U	0.43 J FD, Q, Z	0.89 J Z
Perchlorate (314.0)	ug/kg	33.7 U	36.1 U	34.6 U	31.6 U	35.3 U	32.1 U	31.9 U
Perchlorate (6850)	ug/kg	5.6 U	6.0 U	--	--	5.9 U	--	--
Percent Moisture	%	11	16.9	13.3	5	14.9	6.4	6.1
pH	pH unit	8.27	7.07	6.59	6.99	7.89	6.83	7.8

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-120-SA8N-SB-4.0-5.0 05/11/2011 DE148 4 5	SL-120-SA8N-SB-9.0-10.0 05/11/2011 DE148 9 10	SL-122-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-122-SA8N-SB-2.0-3.0 06/07/2011 DE175 2 3	SL-125-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-126-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-127-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	1.3 J Z	2.4	2.6	2.8	5.2	3.1	--
Fluoride	mg/kg	3	5.8	1.0 UJ Q	1.6 J Q	2.0 J Q	1.9 J Q	1.1 U
Cyanide	mg/kg	0.54 U	0.58 U	0.51 U	0.53 U	0.24 J Z	0.21 J Z	--
Aluminum	mg/kg	15800	21100	12100	12700	15100	13200	17300
Iron	mg/kg	21800	24800	20000	21000	20800	20700	19000
Lead	mg/kg	14.1 J E	7.47 J E	13.1	9.15 J Q	17.0 J Q	23.0 J Q	16.8 J E, A
Lithium	mg/kg	18.9	24.6	27.7	29.6	22.4	24.9	21.5
Magnesium	mg/kg	4470	5010	4790	4770	4010	5360	4400
Manganese	mg/kg	254	300	353	298 J E	481	294	344 J E
Mercury	mg/kg	0.108 U	0.110 U	0.0209 J Z	0.0070 J Z	0.0288 J Z	0.0347 J Z	0.0188 J Q, Z
Molybdenum	mg/kg	0.568	0.33	0.364	0.426 J Q	0.677	0.658	0.802
Nickel	mg/kg	14.0 J Q	12.1 J Q	12.7 J Q, *#	15.3 J Q, E	12.9	16.5	14.0 J E, Q
Potassium	mg/kg	2310 J Q	2480 J Q	3960	3520 J Q	3640 J Q	3850 J Q	3750 J E
Silver	mg/kg	0.0374 J Q, Z	0.0466 J Q, Z	0.0520 J Z	0.0650 J Q, Z	0.0510 J Z	0.0760 J Z	0.0470 J Q, Z
Sodium	mg/kg	84.4 J Z	281	65.8 J Z	61.0 J Z	88.0 J Z	74.1 J Z	114
Strontium	mg/kg	27.7	31.9	18.4	14.1	26.4	19	22.6
Thallium	mg/kg	0.299 J Q	0.238 J Q	0.255	0.336 J Q	0.266	0.293	0.312
Tin	mg/kg	10.8 U B	11.2 U B	10.2 U B	10.4 U B	11.9 U B	11.1 U B	10.5 U B
Titanium	mg/kg	986	1090	1180	1290	937	1010	1220
Antimony	mg/kg	0.185 J Q, E, Z	0.127 J Q, E, Z	0.0862 J Q, E, Z	0.0967 J Q, Z	0.238 UJ B, Q	0.216 UJ B, Q	0.206 J Q, Z
Arsenic	mg/kg	4.45 J Q	5.32 J Q	4.72	6.03 J Q, E	3.84	5.17	4.64 J E, Q
Beryllium	mg/kg	0.630 J Q	0.630 J Q	0.544	0.655 J Q	0.543	0.583	0.638 J Q
Barium	mg/kg	120	94.3	113 J E, *#	121	111	117	108 J E
Boron	mg/kg	13.3	18.2	5.12 U F	6.37	5.34 J Z	5.02 J Z	6.44
Cadmium	mg/kg	0.251 J Q	0.0959 J Q, Z	0.310 J Q	0.191 J Q	0.281	0.253	0.301 J Q
Chromium	mg/kg	20.5 J Q	19.4 J Q	16.5	18.9 J Q, A	19.0 J Q, A	26.6 J Q, A	19.4 J E, A
Cobalt	mg/kg	7.36 J Q	6.22 J Q	6.73 J Q	7.05 J E, Q	9.11	7.3	7.15 J E, Q
Copper	mg/kg	12.5 J Q	9.29 J Q	11.0 J Q	10.4 J Q	11.5 J A	13.8 J A	11.8 J Q, A
Vanadium	mg/kg	36.7 J Q	38.0 J Q	32.8	37.6 J E, A	32.1 J A	44.9 J A	36.7 J A
Zinc	mg/kg	63.4	46.3	82.7	97.7	86.1	90.6	103 J A
Zirconium	mg/kg	1.06 J Z	2.15 J Z	2.53 J Z	2.16 J Z	5.95 U	5.55 U	5.25 U
Calcium	mg/kg	3940 J E	4710 J E	3860	2890 J E	3800	4080	3240
Phosphorus	mg/kg	277 J Q, E	227 J Q, E	621	552	551	609	407 J E
Selenium	mg/kg	0.160 J Z	0.113 J Z	0.147 J Z	0.159 J Z	0.226 J Z	0.244 J Z	0.186 J Z
Chromium VI	mg/kg	0.33 J Z	0.42 J Z	1.0 U	1.1 U	1.2 U	1.1 U	0.57 J Z
Perchlorate (314.0)	ug/kg	32.6 U	34.6 U	31.3 U	32.3 U	36.8 U	33.3 U	32.2 U
Perchlorate (6850)	ug/kg	3.1 J Z	--	--	--	6.1 U	--	--
Percent Moisture	%	8	13.2	4.3	7.1	18.4	9.9	6.7
pH	pH unit	7.6	7.9	7.07	7.11	6.39	6.95	5.78

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Sample Name Sample Date SDG Start Depth End Depth		SL-127-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-128-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-128-SA8N-SB-2.5-3.5 05/10/2011 DE147 2.5 3.5	SL-129-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-129-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-130-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-131-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	3.2	1.3	3.6	3.7	1.5	1.9 J Q	1.5
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	28800	17500	27200	19700	21500	27800	26100
Iron	mg/kg	34900	19700	26800	21500	25300	31300	28600
Lead	mg/kg	8.35 J Q	17.7 J E, A	7.39 J Q	9.59 J E, A	6.50 J Q	14.0 J E, *#	17.7 J *#
Lithium	mg/kg	31.1	20.8	28.1	23.2	28.1	27.2	24
Magnesium	mg/kg	6520	4260	5180	4810	5270	7400	7110
Manganese	mg/kg	459	378 J E	234	335 J E	229	444	452 J *#
Mercury	mg/kg	0.112 U	0.0148 J Q, Z	0.107 U	0.0049 J Q, Z	0.108 U	0.139 J Q	0.0326 J Z
Molybdenum	mg/kg	0.303	0.805	0.481	0.505	0.393	0.837 J E	0.889
Nickel	mg/kg	19.3 J Q	19.8 J E, Q	16.5 J Q	14.7 J E, Q	17.4 J Q	20.1 J Q, *#	17.4 J *#
Potassium	mg/kg	3230	3140 J E	2980	3590 J E	2240	6490	5830
Silver	mg/kg	0.0561 J Z	0.0511 J Q, Z	0.0743 J Z	0.0305 J Q, Z	0.0451 J Z	0.0500 J Z	0.0658 J Z
Sodium	mg/kg	187	107 J Z	138	114	166	108 J Z	93.2 J Z
Strontium	mg/kg	43.2	21.7	29.3	20.6	26.1	35.1	31.7 J *#
Thallium	mg/kg	0.323 J Q	0.366	0.294 J Q	0.308	0.370 J Q	0.327 J Q	0.334
Tin	mg/kg	10.9 U B	11.7 U B	10.9 U B	10.7 U B	11.1 U B	11.6 U B, Z	11.3 U B
Titanium	mg/kg	1110	1350	1280	1300	1330	1440	1320
Antimony	mg/kg	0.221 J E	0.109 J Q, Z	0.214 J E, Z	0.129 J Q, Z	0.186 J E, Z	0.0973 J Q, Z	0.155 J Q, E, Z
Arsenic	mg/kg	5.46 J Q	5.97 J E, Q	5.49 J Q	5.47 J E, Q	5.51 J Q	5.19 J Q	5.95 J Q
Beryllium	mg/kg	0.861	0.845 J Q	0.855	0.713 J Q	0.805	0.771	0.76
Barium	mg/kg	175	153 J E	131	119 J E	126	130 J *#	135
Boron	mg/kg	5.45 U F, Z	6.19	5.45 U F, Z	6.07	5.53 U F	7.19	16.7
Cadmium	mg/kg	0.249	0.350 J Q	0.118	0.189 J Q	0.0695 J Z	0.393 J Q, E	0.421
Chromium	mg/kg	28.1 J Q, A	27.0 J E, A	26.4 J Q, A	21.0 J E, A	28.2 J Q, A	31.8 J E, *#	29.6 J *#
Cobalt	mg/kg	10.1	9.50 J E, Q	7.98	7.43 J E, Q	7.76	10.2 J *#	11
Copper	mg/kg	13.6 J Q	14.9 J Q, A	9.81 J Q	11.6 J Q, A	11.3 J Q	17.5 J Q, *#	16.1 J *#
Vanadium	mg/kg	49.6 J A	48.5 J A	50.6 J A	41.1 J A	52.5 J A	58.9 J *#	52.8 J *#
Zinc	mg/kg	66.0 J A	109 J A	59.8 J A	74.2 J A	58.0 J A	84.5 J *#	90.8 J *#
Zirconium	mg/kg	5.77	5.83 U	5.19 J Z	5.35 U	4.89 J Z	4.15 J Z	2.98 J Z
Calcium	mg/kg	5670	2980	3750	3300	4050	7390	7320
Phosphorus	mg/kg	177	278 J E	259	281 J E	208	571	501
Selenium	mg/kg	0.135 J Z	0.167 J Z	0.143 J Z	0.149 J Z	0.0572 J Z	0.273 J Z	0.221 J Z
Chromium VI	mg/kg	0.46 J Z	0.43 J Z	0.45 J Z	0.44 J Z	1.1 U	0.72 J Z	0.44 J Z
Perchlorate (314.0)	ug/kg	33.7 U	36.1 U	32.7 U	32.4 U	33.5 U	35.2 U	34.6 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	10.9	16.8	8.2	7.5	10.5	14.7	13.3
pH	pH unit	6.93	6	7.1	7.54	6.84	6.48	7.75

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Sample Name Sample Date SDG Start Depth End Depth		SL-132-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-133-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-133-SA8N-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-133-SA8N-SB-7.0-8.0 06/06/2011 DE175 7 8	SL-134-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-135-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-135-SA8N-SB-2.0-3.0 05/09/2011 DE146 2 3
Chemical Name	Unit							
Nitrate	mg/kg	1.6	9.0 J FD, Q	1.5 J Z	1.4 J Z	4.7	2	2.8
Fluoride	mg/kg	2.5 J Q	2.8 J Q	3.5 J E, Q	3.4 J Q	1.9 J Q	1.4 J Q	1.5 J Q
Cyanide	mg/kg	0.53 U	0.59 U	0.58 U	0.57 U	0.54 U	0.53 U	0.54 U
Aluminum	mg/kg	23700	23000	34100	21100	21500	12000	14700
Iron	mg/kg	29500	27400	35900	25300	24600	16300	20600
Lead	mg/kg	8.70 J *#	166 J E, *#	9.15 J E, Q	10.0 J Q	11.9 J E, *#	8.62	8.31 J E, A
Lithium	mg/kg	21.9	22.8	26.3	21.1	24.8	16.8	20
Magnesium	mg/kg	7170	6190	8130	4640	5710	3470	4390
Manganese	mg/kg	455	418	685 J E	254 J E	369	236	290
Mercury	mg/kg	0.0896 J Z	0.313 J Q	0.0159 J Z	0.0108 J Z	0.0527 J Q, Z	0.0158 J Z	0.110 U
Molybdenum	mg/kg	0.678	0.901 J E	0.261	0.238 J Q	0.462 J E	0.476	0.606
Nickel	mg/kg	15.6 J *#	44.8 J Q, *#	22.6	15.4 J Q, E	17.3 J Q, *#	11.4 J Q, *#	10.7 J E, A
Potassium	mg/kg	5620 J Q	5220	2780 J Q	1960 J Q	4430	2810	3120
Silver	mg/kg	0.0462 J Z	0.289	0.0337 J Z	0.130 J Q	0.0573 J Z	0.0146 J Z	0.110 U
Sodium	mg/kg	172	108 J Z	201	135	90.6 J Z	65.0 J Z	78.7 J Z
Strontium	mg/kg	39	27.6	41.5	26.7	23	18.7	13.9
Thallium	mg/kg	0.311	0.253 J Q	0.281	0.346 J Q	0.274 J Q	0.259	0.336
Tin	mg/kg	10.8 U B	11.6 U B, Z	11.3 U B	11.3 U B	10.8 U B, Z	10.6 U B	11.0 U B
Titanium	mg/kg	1480	1280	1560	1240	1260	956	1230
Antimony	mg/kg	0.255 J Q	0.117 J Q, Z	0.209 J Q, Z	0.198 J Q, Z	0.294 J Q	0.0727 J Q, E, Z	0.100 J Q, Z
Arsenic	mg/kg	5.17 J Q	5.37 J Q	6.77	7.56 J Q, E	5.08 J Q	4.4	5.36 J E
Beryllium	mg/kg	0.677	0.697	0.835 J Q	0.873 J Q	0.707	0.615	0.698 J E
Barium	mg/kg	213	132 J *#	142	109	119 J *#	94.4 J E, *#	106 J E, A
Boron	mg/kg	5.40 U F	6.92	20.2	8.57	4.17 J Z	5.31 U F	5.48 U
Cadmium	mg/kg	0.244	0.559 J Q, E	0.106 J Z	0.0793 J Q, Z	0.278 J Q, E	0.128 J Q	0.157
Chromium	mg/kg	24.8 J *#	57.1 J E, *#	32.9 J A	21.6 J Q, A	27.7 J E, *#	17.8	19.3 J E, Q, A
Cobalt	mg/kg	9.31 J *#	9.52 J *#	9.09	6.64 J E, Q	8.27 J *#	6.21 J Q	8.68 J E, A
Copper	mg/kg	16.2 J *#	20.3 J Q, *#	15.4	10.6 J Q	14.1 J Q, *#	8.84 J Q	8.60 J E, A
Vanadium	mg/kg	48.2 J Q, *#	48.4 J *#	63.7 J A	45.9 J E, A	49.1 J *#	35.6	45.1 J E, A
Zinc	mg/kg	99.2	211 J *#	67.1	66	72.4 J *#	57.6	65.3 J E, A
Zirconium	mg/kg	3.97 J Z	4.34 J Z	4.96 J Z	2.76 J Z	3.52 J Z	1.61 J Z	3.29 J Z
Calcium	mg/kg	13700	7990	10200 J E	5510 J E	4930	2350	2580 J E
Phosphorus	mg/kg	1080	561	277	177	456	304	346
Selenium	mg/kg	0.397 J Z	0.169 J Z	0.0498 J Z	0.0507 J Z	0.166 J Z	0.184 J Z	0.135 J Z
Chromium VI	mg/kg	1.1 U	0.67 J Z	0.39 J Z	0.33 J Z	0.68 J Z	1.1 U	1.1 U
Perchlorate (314.0)	ug/kg	32.8 U	35.1 U	35.3 U	34.6 U	34.1 U	32.8 U	33.2 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	8.4	14.6	15.1	13.3	12.1	8.6	9.6
pH	pH unit	7.9	7.2	8.28	8.09	7.21	7.02	6.24

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-136-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-136-SA8N-SB-4.0-5.0 05/11/2011 DE148 4 5	SL-136-SA8N-SB-9.0-10.0 05/11/2011 DE148 9 10	SL-137-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-137-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-137-SA8N-SB-9.0-10.0 05/10/2011 DE147 9 10	SL-139-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	2
Fluoride	mg/kg	2.3	1.7	2.7	1.5	7.2	3.3	1.0 UJ Q
Cyanide	mg/kg	--	--	--	--	--	--	0.51 U
Aluminum	mg/kg	22000	9400	13600	13400	20400	19100	12200
Iron	mg/kg	26100	18600	20100	20400	24100	27400	18900
Lead	mg/kg	8.98 J E, A	10.8 J E	6.93 J E	29.7 J E, A	6.66 J Q	12.6 J Q	10.9
Lithium	mg/kg	28.9	31.8	19.3	19.8	25.9	26.9	25.5
Magnesium	mg/kg	5960	4450	3920	4710	4660	5600	4150
Manganese	mg/kg	302 J E	270	263	270 J E	195	315	295
Mercury	mg/kg	0.0093 J Q, Z	0.105 U	0.0973 U	0.267 J Q	0.108 U	0.108 U	0.0089 J Z
Molybdenum	mg/kg	0.385	0.246	0.762	0.586	0.472	0.759	0.548
Nickel	mg/kg	17.1 J E, Q	5.73 J Q	11.1 J Q	14.3 J E, Q	14.9 J Q	15.9 J Q	12.1 J Q, *#
Potassium	mg/kg	2540 J E	3240 J Q	1940 J Q	3350 J E	1920	3040	3480
Silver	mg/kg	0.0360 J Q, Z	0.107 U	0.0435 J Q, Z	0.0667 J Q, Z	0.0508 J Z	0.0428 J Z	0.0434 J Z
Sodium	mg/kg	108 J Z	89.1 J Z	213	140	83.1 J Z	305	70.2 J Z
Strontium	mg/kg	28.4	12.4	19.1	23	27.4	28.1	15
Thallium	mg/kg	0.363	0.220 J Q	0.310 J Q	0.24	0.337 J Q	0.335 J Q	0.281
Tin	mg/kg	11.5 U B	10.6 U B	10.4 U B	10.0 U B	10.9 U B	11.0 U B	10.3 U B
Titanium	mg/kg	1360	1040	1040	1150	1140	1260	1080
Antimony	mg/kg	0.108 J Q, Z	0.215 UJ Q, E	0.129 J Q, E, Z	0.105 J Q, Z	0.165 J E, Z	0.664 J E	0.206 UJ Q, E
Arsenic	mg/kg	6.93 J E, Q	2.54 J Q	5.84 J Q	4.70 J E, Q	6.39 J Q	6.40 J Q	4.93
Beryllium	mg/kg	0.826 J Q	0.321 J Q	0.767 J Q	0.489 J Q	0.831	0.841	0.571
Barium	mg/kg	124 J E	60.6	90.3	95.1 J E	120	127	109 J E, *#
Boron	mg/kg	5.67 J Z	9.97	11.3	6.46	5.43 U F	5.51 U F, Z	5.14 U
Cadmium	mg/kg	0.119 J Q	0.0808 J Q, Z	0.0588 J Q, Z	0.362 J Q	0.0857 J Z	0.264	0.239 J Q
Chromium	mg/kg	25.2 J E, A	8.73 J Q	18.4 J Q	21.3 J E, A	25.6 J Q, A	26.1 J Q, A	16.6
Cobalt	mg/kg	8.15 J E, Q	3.65 J Q	8.03 J Q	6.95 J E, Q	7.29	8.05	6.51 J Q
Copper	mg/kg	14.8 J Q, A	3.91 J Q	6.72 J Q	12.2 J Q, A	12.0 J Q	16.6 J Q	9.55 J Q
Vanadium	mg/kg	45.1 J A	21.1 J Q	40.5 J Q	37.5 J A	47.0 J A	47.5 J A	33.9
Zinc	mg/kg	65.7 J A	53.7	46.8	84.5 J A	61.8 J A	69.3 J A	72.2
Zirconium	mg/kg	5.76 U	5.31 U	0.930 J Z	5.01 U	3.46 J Z	4.25 J Z	1.50 J Z
Calcium	mg/kg	4190	5730 J E	1690 J E	6340	3400	3400	2380
Phosphorus	mg/kg	345 J E	342 J Q, E	163 J Q, E	503 J E	165	339	464
Selenium	mg/kg	0.143 J Z	0.133 J Z	0.144 J Z	0.106 J Z	0.0827 J Z	0.200 J Z	0.106 J Z
Chromium VI	mg/kg	1.2 U	1.1 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U
Perchlorate (314.0)	ug/kg	35.9 U	32.2 U	31.3 U	31.3 U	33.3 U	34.4 U	31.4 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	16.5	6.8	4.2	4.1	9.8	12.7	4.6
pH	pH unit	7.17	7.85	6.21	7.41	7.21	7.42	5.75

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-138-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-140-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-140-SA8N-SB-3.0-4.0 06/07/2011 DE175 3 4	SL-141-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5	SL-141-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5
Chemical Name	Unit					
Nitrate	mg/kg	3.5	4.7	4.2	1.7 U	2.0 J FD
Fluoride	mg/kg	1.1 UJ Q	1.1 UJ Q	2.8 J Q	3.2 J Q	3.5 J FD, Q
Cyanide	mg/kg	0.53 U	0.58 U	0.57 U	0.58 U	0.58 U
Aluminum	mg/kg	12500	13600	17500	24300	22300
Iron	mg/kg	18600	19400	22900	33500	30800
Lead	mg/kg	12.9	18	7.61 J Q	8.63 J E, *#	7.39 J E, A
Lithium	mg/kg	25.5	22.5	28.8	31.1	32.1
Magnesium	mg/kg	4060	4300	4520	8500	7970
Manganese	mg/kg	309	362	275 J E	372	362
Mercury	mg/kg	0.0181 J Z	0.0268 J Z	0.108 U	0.0166 J Q, Z	0.118 U
Molybdenum	mg/kg	0.502	0.6	0.803 J Q	0.297 J E	0.398
Nickel	mg/kg	13.2 J Q, *#	15.1 J Q, *#	14.8 J Q, E	15.8 J Q, *#	16.9 J E, A
Potassium	mg/kg	3530	3690	2680 J Q	6630	5720
Silver	mg/kg	0.0257 J FD, Z	0.0531 J Z	0.0370 J Q, Z	0.0311 J Z	0.0290 J Z
Sodium	mg/kg	69.8 J Z	77.7 J Z	75.3 J Z	121	303
Strontium	mg/kg	14.7	23	18.1	87	58.4
Thallium	mg/kg	0.3	0.314	0.328 J Q	0.290 J Q	0.281
Tin	mg/kg	10.8 U B	11.1 U B	10.9 U B	11.0 U B, Z	11.9 U B
Titanium	mg/kg	1080	1030	1170	1270	1350
Antimony	mg/kg	0.218 UJ FD, Q, E	0.279 J Q, E	0.146 J Q, Z	0.227 UJ Q	0.236 J Q
Arsenic	mg/kg	5.92	6.08	6.96 J Q, E	4.73 J Q	6.00 J E
Beryllium	mg/kg	0.629	0.633	0.669 J Q	0.612	0.594 J E
Barium	mg/kg	116 J E, *#	133 J E, *#	118	82.4 J *#	92.9 J E, A
Boron	mg/kg	5.39 UJ F, FD	5.55 U F	7.14	9.73	7.5
Cadmium	mg/kg	0.150 J Q	0.283 J Q	0.133 J Q	0.173 J Q, E	0.162
Chromium	mg/kg	18.2	19.9	21.1 J Q, A	26.7 J E, *#	27.7 J E, Q, A
Cobalt	mg/kg	6.90 J Q	7.32 J Q	7.26 J E, Q	8.46 J *#	9.29 J E, A
Copper	mg/kg	10.1 J Q	14.0 J Q	7.98 J Q	13.9 J Q, *#	14.7 J E, A
Vanadium	mg/kg	37	38.2	42.8 J E, A	50.3 J *#	62.3 J E, A
Zinc	mg/kg	79.3	79.7	67	64.1 J *#	69.4 J E, A
Zirconium	mg/kg	1.84 J Z	2.13 J Z	2.19 J Z	3.49 J Z	5.89 J Z
Calcium	mg/kg	2180	3990	2690 J E	40500	30800 J E
Phosphorus	mg/kg	431	494	393	642	647
Selenium	mg/kg	0.122 J Z	0.204 J Z	0.295 J Z	0.262 J Z	0.289 J Z
Chromium VI	mg/kg	1.1 U	0.49 J Z	0.54 J Z	0.85 J Z	1.2 U
Perchlorate (314.0)	ug/kg	32.7 U	34.3 U	34.1 U	34.3 U	36.1 U
Perchlorate (6850)	ug/kg	--	--	--	--	--
Percent Moisture	%	8.2	12.6	11.9	12.6	16.8
pH	pH unit	5.92	6.68	6.74	8.34	8.05

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-001-SA8N-SB-4.0-5.0 05/26/2011 DE165 4 5	SL-001-SA8N-SB-9.0-10.0 05/26/2011 DE165 9 10	SL-002-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-002-SA8N-SB-4.0-5.0 05/26/2011 DE166 4 5	SL-002-SA8N-SB-9.0-10.0 05/26/2011 DE166 9 10	SL-003-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	--	--	--	--	--	--	--
Methanol	ug/kg	--	--	--	--	--	--	--
2-Propanol	ug/kg	--	--	--	--	--	--	--
Ethylene Glycol	mg/kg	16 U	12 U	11 U	15 U	12 U	12 U	16 U
Diethylene Glycol	mg/kg	16 U	12 U	11 U	15 U	12 UJ Q	12 U	16 U
Propylene glycol	mg/kg	16 U	12 U	11 U	15 U	12 U	12 U	16 U
o-Terphenyl	mg/kg	--	--	--	--	--	--	--
m-Terphenyl	mg/kg	--	--	--	--	--	--	--
p-Terphenyl	mg/kg	--	--	--	--	--	--	--
Formaldehyde	ug/kg	--	--	--	--	--	--	--
2,6-Dinitrotoluene	ug/kg	--	--	--	--	--	--	--
2,4,6-Trinitrotoluene	ug/kg	--	--	--	--	--	--	--
RDX	ug/kg	--	--	--	--	--	--	--
4-Amino-2,6-Dinitrotoluene	ug/kg	--	--	--	--	--	--	--
HMX	ug/kg	--	--	--	--	--	--	--
2-Amino-4,6-Dinitrotoluene	ug/kg	--	--	--	--	--	--	--
Tetryl	ug/kg	--	--	--	--	--	--	--
Nitroglycerin	ug/kg	--	--	--	--	--	--	--
2,6-Diamino-4-nitrotoluene	ug/kg	--	--	--	--	--	--	--
2,4-Diamino-6-nitrotoluene	ug/kg	--	--	--	--	--	--	--
PETN	ug/kg	--	--	--	--	--	--	--
2-Nitrotoluene	ug/kg	--	--	--	--	--	--	--
3-Nitrotoluene	ug/kg	--	--	--	--	--	--	--
1,3,5-Trinitrobenzene	ug/kg	--	--	--	--	--	--	--
4-Nitrotoluene	ug/kg	--	--	--	--	--	--	--
2,4-Dinitrotoluene	ug/kg	--	--	--	--	--	--	--
Nitrobenzene	ug/kg	--	--	--	--	--	--	--
m-Dinitrobenzene	ug/kg	--	--	--	--	--	--	--

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J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-003-SA8N-SB-4.0-5.0 05/27/2011 DE167 4 5	SL-003-SA8N-SB-9.0-10.0 05/27/2011 DE167 9 10	SL-004-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-004-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5	SL-004-SA8N-SB-9.0-10.0 04/21/2011 DE134 9 10	SL-005-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-005-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5
Chemical Name	Unit							
Ethanol	ug/kg	--	--	--	--	--	--	--
Methanol	ug/kg	--	--	--	--	--	--	--
2-Propanol	ug/kg	--	--	--	--	--	--	--
Ethylene Glycol	mg/kg	12 U	12 U	14 U	15 U	14 U	13 U	14 U
Diethylene Glycol	mg/kg	12 U	12 U	14 U	15 U	14 U	13 U	14 U
Propylene glycol	mg/kg	12 U	12 U	14 U	15 U	14 U	13 U	14 U
o-Terphenyl	mg/kg	--	--	--	--	--	--	--
m-Terphenyl	mg/kg	--	--	--	--	--	--	--
p-Terphenyl	mg/kg	--	--	--	--	--	--	--
Formaldehyde	ug/kg	--	--	--	--	--	--	--
2,6-Dinitrotoluene	ug/kg	--	--	140 U	140 U	140 U	130 U	140 U
2,4,6-Trinitrotoluene	ug/kg	--	--	140 U	140 U	140 U	130 U	140 U
RDX	ug/kg	--	--	140 U	140 U	140 U	130 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	--	--	140 U	140 U	140 U	130 U	140 U
HMX	ug/kg	--	--	350 U	340 U	340 U	320 U	340 U
2-Amino-4,6-Dinitrotoluene	ug/kg	--	--	140 U	140 U	140 U	130 U	140 U
Tetryl	ug/kg	--	--	140 U	140 U	140 U	130 U	140 U
Nitroglycerin	ug/kg	--	--	2800 U	2700 U	2700 U	2500 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	--	--	280 U	270 U	270 U	250 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	--	--	280 U	270 U	270 U	250 U	270 U
PETN	ug/kg	--	--	2800 U	2700 U	2700 U	2500 U	2700 U
2-Nitrotoluene	ug/kg	--	--	140 U	140 U	140 U	130 U	140 U
3-Nitrotoluene	ug/kg	--	--	140 U	140 U	140 U	130 U	140 U
1,3,5-Trinitrobenzene	ug/kg	--	--	140 U	140 U	140 U	130 U	140 U
4-Nitrotoluene	ug/kg	--	--	140 U	140 U	140 U	130 U	140 U
2,4-Dinitrotoluene	ug/kg	--	--	140 U	140 U	140 U	130 U	140 U
Nitrobenzene	ug/kg	--	--	140 U	140 U	140 U	130 U	140 U
m-Dinitrobenzene	ug/kg	--	--	140 U	140 U	140 U	130 U	140 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-005-SA8N-SB-8.0-9.0 04/21/2011 DE134 8 9	SL-006-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-006-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5	SL-006-SA8N-SB-8.0-9.0 04/21/2011 DE134 8 9	SL-007-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-007-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5	SL-007-SA8N-SB-9.0-10.0 04/22/2011 DE135 9 10
Chemical Name	Unit							
Ethanol	ug/kg	--	--	--	--	--	--	--
Methanol	ug/kg	--	--	--	--	--	--	--
2-Propanol	ug/kg	--	--	--	--	--	--	--
Ethylene Glycol	mg/kg	14 U	14 U	15 U	15 U	15 U	15 U	14 U
Diethylene Glycol	mg/kg	14 U	14 U	15 U	15 U	15 U	15 U	14 U
Propylene glycol	mg/kg	14 U	14 U	15 U	15 U	15 U	15 U	14 U
o-Terphenyl	mg/kg	--	--	--	--	--	--	--
m-Terphenyl	mg/kg	--	--	--	--	--	--	--
p-Terphenyl	mg/kg	--	--	--	--	--	--	--
Formaldehyde	ug/kg	--	--	--	--	--	--	--
2,6-Dinitrotoluene	ug/kg	130 U	140 U	140 U	140 U	--	--	--
2,4,6-Trinitrotoluene	ug/kg	130 U	140 U	140 U	140 U	--	--	--
RDX	ug/kg	130 U	140 U	140 U	140 U	--	--	--
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	140 U	140 U	140 U	--	--	--
HMX	ug/kg	340 U	350 U	350 U	350 U	--	--	--
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	140 U	140 U	140 U	--	--	--
Tetryl	ug/kg	130 U	140 U	140 U	140 U	--	--	--
Nitroglycerin	ug/kg	2700 U	2800 U	2800 U	2800 U	--	--	--
2,6-Diamino-4-nitrotoluene	ug/kg	270 U	280 U	280 U	280 U	--	--	--
2,4-Diamino-6-nitrotoluene	ug/kg	270 U	280 U	280 U	280 U	--	--	--
PETN	ug/kg	2700 U	2800 U	2800 U	2800 U	--	--	--
2-Nitrotoluene	ug/kg	130 U	140 U	140 U	140 U	--	--	--
3-Nitrotoluene	ug/kg	130 U	140 U	140 U	140 U	--	--	--
1,3,5-Trinitrobenzene	ug/kg	130 U	140 U	140 U	140 U	--	--	--
4-Nitrotoluene	ug/kg	130 U	140 U	140 U	140 U	--	--	--
2,4-Dinitrotoluene	ug/kg	130 U	140 U	140 U	140 U	--	--	--
Nitrobenzene	ug/kg	130 U	140 U	140 U	140 U	--	--	--
m-Dinitrobenzene	ug/kg	130 U	140 U	140 U	140 U	--	--	--

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Sample Name Sample Date SDG Start Depth End Depth		SL-008-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-008-SA8N-SB-4.0-5.0 05/26/2011 DE166 4 5	SL-008-SA8N-SB-9.0-10.0 05/26/2011 DE166 9 10	SL-009-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-010-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-010-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5	SL-010-SA8N-SB-9.0-10.0 04/22/2011 DE135 9 10
Chemical Name	Unit							
Ethanol	ug/kg	--	--	--	--	590 U	590 U	590 U
Methanol	ug/kg	--	--	--	--	590 U	590 U	590 U
2-Propanol	ug/kg	--	--	--	--	590 U	590 U	590 U
Ethylene Glycol	mg/kg	14 U	12 U	12 U	15 U	15 U	15 U	15 U
Diethylene Glycol	mg/kg	14 U	12 U	12 U	15 U	15 U	15 U	15 U
Propylene glycol	mg/kg	14 U	12 U	12 U	15 U	15 U	15 U	15 U
o-Terphenyl	mg/kg	--	--	--	--	4.1 U	4.1 U	4.1 U
m-Terphenyl	mg/kg	--	--	--	--	4.1 U	4.1 U	4.1 U
p-Terphenyl	mg/kg	--	--	--	--	4.1 U	4.1 U	4.1 U
Formaldehyde	ug/kg	--	--	--	--	1800 U	1700 U	1700 U
2,6-Dinitrotoluene	ug/kg	--	--	--	140 U	140 U	140 U	140 U
2,4,6-Trinitrotoluene	ug/kg	--	--	--	140 U	140 U	140 U	140 U
RDX	ug/kg	--	--	--	140 U	140 U	140 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	--	--	--	140 U	140 U	140 U	140 U
HMX	ug/kg	--	--	--	360 U	360 U	350 U	340 U
2-Amino-4,6-Dinitrotoluene	ug/kg	--	--	--	140 U	140 U	140 U	140 U
Tetryl	ug/kg	--	--	--	140 U	140 U	140 U	140 U
Nitroglycerin	ug/kg	--	--	--	2900 U	2800 U	2800 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	--	--	--	290 U	280 U	280 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	--	--	--	290 U	280 U	280 U	270 U
PETN	ug/kg	--	--	--	2900 U	2800 U	2800 U	2700 U
2-Nitrotoluene	ug/kg	--	--	--	140 U	140 U	140 U	140 U
3-Nitrotoluene	ug/kg	--	--	--	140 U	140 U	140 U	140 U
1,3,5-Trinitrobenzene	ug/kg	--	--	--	140 U	140 U	140 U	140 U
4-Nitrotoluene	ug/kg	--	--	--	140 U	140 U	140 U	140 U
2,4-Dinitrotoluene	ug/kg	--	--	--	140 U	140 U	140 U	140 U
Nitrobenzene	ug/kg	--	--	--	140 U	140 U	140 U	140 U
m-Dinitrobenzene	ug/kg	--	--	--	140 U	140 U	140 U	140 U

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J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-011-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-011-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5	SL-011-SA8N-SB-9.0-10.0 04/22/2011 DE135 9 10	SL-012-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-012-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-013-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-013-SA8N-SB-2.0-3.0 04/29/2011 DE140 2 3
Chemical Name	Unit							
Ethanol	ug/kg	590 U	590 U	590 U	570 U	590 U	--	--
Methanol	ug/kg	590 U	590 U	590 U	570 U	590 U	--	--
2-Propanol	ug/kg	590 U	590 U	590 U	570 U	590 U	--	--
Ethylene Glycol	mg/kg	15 U	15 U	15 U	14 U	12 U	15 UJ Q	14 U
Diethylene Glycol	mg/kg	15 U	15 U	15 U	14 U	12 U	15 U	14 U
Propylene glycol	mg/kg	15 U	15 U	15 U	14 U	12 U	15 UJ Q	14 U
o-Terphenyl	mg/kg	4.1 U	4.1 U	4.1 U	4.0 U	4.1 U	--	--
m-Terphenyl	mg/kg	4.1 U	4.1 U	4.1 U	4.0 U	4.1 U	--	--
p-Terphenyl	mg/kg	4.1 U	4.1 U	4.1 U	4.0 U	4.1 U	--	--
Formaldehyde	ug/kg	1800 U	1700 U	1700 U	1700 U	1800 U	--	--
2,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	--	--
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	--	--
RDX	ug/kg	130 U	130 U	140 U	140 U	140 U	--	--
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	--	--
HMX	ug/kg	330 U	330 U	350 U	340 U	360 U	--	--
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	--	--
Tetryl	ug/kg	130 U	130 U	140 U	140 U	140 U	--	--
Nitroglycerin	ug/kg	2700 U	2700 U	2800 U	2700 U	2800 U	--	--
2,6-Diamino-4-nitrotoluene	ug/kg	270 U	270 U	280 U	270 U	280 U	--	--
2,4-Diamino-6-nitrotoluene	ug/kg	270 U	270 U	280 U	270 U	280 U	--	--
PETN	ug/kg	2700 U	2700 U	2800 U	2700 U	2800 U	--	--
2-Nitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	--	--
3-Nitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	--	--
1,3,5-Trinitrobenzene	ug/kg	130 U	130 U	140 U	140 U	140 U	--	--
4-Nitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	--	--
2,4-Dinitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	--	--
Nitrobenzene	ug/kg	130 U	130 U	140 U	140 U	140 U	--	--
m-Dinitrobenzene	ug/kg	130 U	130 U	140 U	140 U	140 U	--	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-014-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-014-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-015-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-015-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-016-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-016-SA8N-SB-3.0-4.0 05/03/2011 DE142 3 4	SL-017-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	--	--	--	--	--	--	--
Methanol	ug/kg	--	--	--	--	--	--	--
2-Propanol	ug/kg	--	--	--	--	--	--	--
Ethylene Glycol	mg/kg	15 U	14 U	15 U	12 UJ Q	14 U	11 U	14 U
Diethylene Glycol	mg/kg	15 U	14 U	15 U	12 UJ Q	14 U	11 U	14 U
Propylene glycol	mg/kg	15 U	14 U	15 U	12 UJ Q	14 U	11 U	14 U
o-Terphenyl	mg/kg	--	--	--	--	--	--	--
m-Terphenyl	mg/kg	--	--	--	--	--	--	--
p-Terphenyl	mg/kg	--	--	--	--	--	--	--
Formaldehyde	ug/kg	--	--	--	--	--	--	--
2,6-Dinitrotoluene	ug/kg	--	--	--	--	--	--	--
2,4,6-Trinitrotoluene	ug/kg	--	--	--	--	--	--	--
RDX	ug/kg	--	--	--	--	--	--	--
4-Amino-2,6-Dinitrotoluene	ug/kg	--	--	--	--	--	--	--
HMX	ug/kg	--	--	--	--	--	--	--
2-Amino-4,6-Dinitrotoluene	ug/kg	--	--	--	--	--	--	--
Tetryl	ug/kg	--	--	--	--	--	--	--
Nitroglycerin	ug/kg	--	--	--	--	--	--	--
2,6-Diamino-4-nitrotoluene	ug/kg	--	--	--	--	--	--	--
2,4-Diamino-6-nitrotoluene	ug/kg	--	--	--	--	--	--	--
PETN	ug/kg	--	--	--	--	--	--	--
2-Nitrotoluene	ug/kg	--	--	--	--	--	--	--
3-Nitrotoluene	ug/kg	--	--	--	--	--	--	--
1,3,5-Trinitrobenzene	ug/kg	--	--	--	--	--	--	--
4-Nitrotoluene	ug/kg	--	--	--	--	--	--	--
2,4-Dinitrotoluene	ug/kg	--	--	--	--	--	--	--
Nitrobenzene	ug/kg	--	--	--	--	--	--	--
m-Dinitrobenzene	ug/kg	--	--	--	--	--	--	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-017-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-017-SA8N-SB-7.0-8.0 04/29/2011 DE140 7 8	SL-019-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-019-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-020-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-020-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-020-SA8N-SB-9.0-10.0 05/03/2011 DE142 9 10
Chemical Name	Unit							
Ethanol	ug/kg	--	--	600 U	580 U	580 U	590 U	610 U
Methanol	ug/kg	--	--	600 U	580 U	580 U	590 U	610 U
2-Propanol	ug/kg	--	--	600 U	580 U	580 U	590 U	610 U
Ethylene Glycol	mg/kg	14 U	15 U	15 U	12 U	14 U	12 U	12 U
Diethylene Glycol	mg/kg	14 U	15 U	15 U	12 U	14 U	12 U	12 U
Propylene glycol	mg/kg	14 U	15 U	15 U	12 U	14 U	12 U	12 U
o-Terphenyl	mg/kg	--	--	4.2 U	4.0 U	4.1 U	4.1 U	4.3 U
m-Terphenyl	mg/kg	--	--	4.2 U	4.0 U	4.1 U	4.1 U	4.3 U
p-Terphenyl	mg/kg	--	--	4.2 U	4.0 U	4.1 U	4.1 U	4.3 U
Formaldehyde	ug/kg	--	--	1800 U	1700 UJ H, S, L	1700 U	1800 UJ H, S, L	1800 UJ H, S, L
2,6-Dinitrotoluene	ug/kg	--	--	140 U	140 U	140 U	140 U	140 U
2,4,6-Trinitrotoluene	ug/kg	--	--	140 U	140 U	140 U	140 U	140 U
RDX	ug/kg	--	--	140 U	140 U	140 U	140 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	--	--	140 U	140 U	140 U	140 U	140 U
HMX	ug/kg	--	--	360 U	350 U	350 U	350 U	350 U
2-Amino-4,6-Dinitrotoluene	ug/kg	--	--	140 U	140 U	140 U	140 U	140 U
Tetryl	ug/kg	--	--	140 U	140 U	140 U	140 U	140 U
Nitroglycerin	ug/kg	--	--	2900 U	2800 U	2800 U	2800 U	2800 U
2,6-Diamino-4-nitrotoluene	ug/kg	--	--	290 U	280 U	280 U	280 U	280 U
2,4-Diamino-6-nitrotoluene	ug/kg	--	--	290 U	280 U	280 U	280 U	280 U
PETN	ug/kg	--	--	2900 U	2800 U	2800 U	2800 U	2800 U
2-Nitrotoluene	ug/kg	--	--	140 U	140 U	140 U	140 U	140 U
3-Nitrotoluene	ug/kg	--	--	140 U	140 U	140 U	140 U	140 U
1,3,5-Trinitrobenzene	ug/kg	--	--	140 U	140 U	140 U	140 U	140 U
4-Nitrotoluene	ug/kg	--	--	140 U	140 U	140 U	140 U	140 U
2,4-Dinitrotoluene	ug/kg	--	--	140 U	140 U	140 U	140 U	140 U
Nitrobenzene	ug/kg	--	--	140 U	140 U	140 U	140 U	140 U
m-Dinitrobenzene	ug/kg	--	--	140 U	140 U	140 U	140 U	140 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-021-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-021-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-021-SA8N-SB-9.0-10.0 05/04/2011 DE143 9 10	SL-022-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-022-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-022-SA8N-SB-9.0-10.0 05/02/2011 DE141 9 10	SL-047-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	560 U	580 U	590 U	590 U	580 U	600 U	590 U
Methanol	ug/kg	560 U	580 U	590 U	590 U	580 U	600 U	590 U
2-Propanol	ug/kg	560 U	580 U	590 U	590 U	580 U	600 U	590 U
Ethylene Glycol	mg/kg	14 U	12 UJ Q	12 U	15 U	12 U	12 U	15 U
Diethylene Glycol	mg/kg	14 U	12 UJ Q	12 U	15 U	12 U	12 U	15 U
Propylene glycol	mg/kg	14 U	12 UJ Q	12 U	15 U	12 U	12 U	15 U
o-Terphenyl	mg/kg	3.9 U	4.1 U	4.1 U	4.1 U	4.1 U	4.2 U	4.1 U
m-Terphenyl	mg/kg	3.9 U	4.1 U	4.1 U	4.1 U	4.1 U	4.2 U	4.1 U
p-Terphenyl	mg/kg	3.9 U	4.1 U	4.1 U	4.1 U	4.1 U	4.2 U	4.1 U
Formaldehyde	ug/kg	1700 U	1700 U	1800 U	1700 U	1700 U	1800 U	1800 U
2,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	140 U	140 U
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	140 U	140 U
RDX	ug/kg	130 U	130 U	140 U	140 U	140 U	140 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	140 U	140 U
HMX	ug/kg	330 U	330 U	350 U	340 U	350 U	340 U	350 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	140 U	140 U
Tetryl	ug/kg	130 U	130 U	140 U	140 U	140 U	140 U	140 U
Nitroglycerin	ug/kg	2700 U	2600 U	2800 U	2700 U	2800 U	2800 U	2800 U
2,6-Diamino-4-nitrotoluene	ug/kg	270 U	260 U	280 U	270 U	280 U	280 U	280 U
2,4-Diamino-6-nitrotoluene	ug/kg	270 U	260 U	280 U	270 U	280 U	280 U	280 U
PETN	ug/kg	2700 U	2600 U	2800 U	2700 U	2800 U	2800 U	2800 U
2-Nitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	140 U	140 U
3-Nitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	140 U	140 U
1,3,5-Trinitrobenzene	ug/kg	130 U	130 U	140 U	140 U	140 U	140 U	140 U
4-Nitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	140 U	140 U
2,4-Dinitrotoluene	ug/kg	130 U	130 U	140 U	140 U	140 U	140 U	140 U
Nitrobenzene	ug/kg	130 U	130 U	140 U	140 U	140 U	140 U	140 U
m-Dinitrobenzene	ug/kg	130 U	130 U	140 U	140 U	140 U	140 U	140 U

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J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-048-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-049-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-049-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-049-SA8N-SB-8.0-9.0 04/29/2011 DE140 8 9	SL-050-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-050-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-050-SA8N-SB-9.0-10.0 05/02/2011 DE141 9 10
Chemical Name	Unit							
Ethanol	ug/kg	--	560 U	560 U	590 U	--	--	--
Methanol	ug/kg	--	560 U	560 U	590 U	--	--	--
2-Propanol	ug/kg	--	560 U	560 U	590 U	--	--	--
Ethylene Glycol	mg/kg	16 U	14 U	14 U	15 U	15 U	12 U	12 U
Diethylene Glycol	mg/kg	16 U	14 U	14 U	15 U	15 U	12 U	12 U
Propylene glycol	mg/kg	16 U	14 U	14 U	15 U	15 U	12 U	12 U
o-Terphenyl	mg/kg	--	3.9 U	3.9 U	4.1 U	--	--	--
m-Terphenyl	mg/kg	--	3.9 U	3.9 U	4.1 U	--	--	--
p-Terphenyl	mg/kg	--	3.9 U	3.9 U	4.1 U	--	--	--
Formaldehyde	ug/kg	--	1700 U	1700 U	1800 U	--	--	--
2,6-Dinitrotoluene	ug/kg	--	130 U	130 U	140 U	--	--	--
2,4,6-Trinitrotoluene	ug/kg	--	130 U	130 U	140 U	--	--	--
RDX	ug/kg	--	130 U	130 U	140 U	--	--	--
4-Amino-2,6-Dinitrotoluene	ug/kg	--	130 U	130 U	140 U	--	--	--
HMX	ug/kg	--	340 U	340 U	360 U	--	--	--
2-Amino-4,6-Dinitrotoluene	ug/kg	--	130 U	130 U	140 U	--	--	--
Tetryl	ug/kg	--	130 U	130 U	140 U	--	--	--
Nitroglycerin	ug/kg	--	2700 U	2700 U	2900 U	--	--	--
2,6-Diamino-4-nitrotoluene	ug/kg	--	270 U	270 U	290 U	--	--	--
2,4-Diamino-6-nitrotoluene	ug/kg	--	270 U	270 U	290 U	--	--	--
PETN	ug/kg	--	2700 U	2700 U	2900 U	--	--	--
2-Nitrotoluene	ug/kg	--	130 U	130 U	140 U	--	--	--
3-Nitrotoluene	ug/kg	--	130 U	130 U	140 U	--	--	--
1,3,5-Trinitrobenzene	ug/kg	--	130 U	130 U	140 U	--	--	--
4-Nitrotoluene	ug/kg	--	130 U	130 U	140 U	--	--	--
2,4-Dinitrotoluene	ug/kg	--	130 U	130 U	140 U	--	--	--
Nitrobenzene	ug/kg	--	130 U	130 U	140 U	--	--	--
m-Dinitrobenzene	ug/kg	--	130 U	130 U	140 U	--	--	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-056-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-056-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-056-SA8N-SB-7.0-8.0 05/05/2011 DE144 7 8	SL-057-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-057-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-057-SA8N-SB-7.0-8.0 05/05/2011 DE144 7 8	SL-062-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	580 U	570 U	540 U	560 U	580 U	550 U	570 U
Methanol	ug/kg	580 U	570 U	540 U	560 U	580 U	550 U	570 U
2-Propanol	ug/kg	580 U	570 U	540 U	560 U	580 U	550 U	570 U
Ethylene Glycol	mg/kg	15 U	11 U	11 U	14 U	12 U	11 U	14 U
Diethylene Glycol	mg/kg	15 U	11 U	11 U	14 U	12 U	11 U	14 U
Propylene glycol	mg/kg	15 U	11 U	11 U	14 U	12 U	11 U	14 U
o-Terphenyl	mg/kg	4.1 U	4.0 U	3.8 U	3.9 U	4.0 U	3.8 U	4.0 U
m-Terphenyl	mg/kg	4.1 U	4.0 U	3.8 U	3.9 U	4.0 U	3.8 U	4.0 U
p-Terphenyl	mg/kg	4.1 U	4.0 U	3.8 U	3.9 U	4.0 U	3.8 U	4.0 U
Formaldehyde	ug/kg	1700 U	1700 U	1600 U	1700 U	1700 U	1700 U	1700 U
2,6-Dinitrotoluene	ug/kg	130 U	140 U	120 U	120 U	130 U	130 U	130 U
2,4,6-Trinitrotoluene	ug/kg	130 U	140 U	120 U	120 U	130 U	130 U	130 U
RDX	ug/kg	130 U	140 U	120 U	120 U	130 U	130 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	140 U	120 U	120 U	130 U	130 U	130 U
HMX	ug/kg	320 U	340 U	300 U	310 U	320 U	320 U	330 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	140 U	120 U	120 U	130 U	130 U	130 U
Tetryl	ug/kg	130 U	140 U	120 U	120 U	130 U	130 U	130 U
Nitroglycerin	ug/kg	2600 U	3600 U	2400 U	2500 U	2600 U	2600 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	260 U	270 U	240 U	250 U	260 U	260 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	260 U	270 U	240 U	250 U	260 U	260 U	270 U
PETN	ug/kg	2600 U	2700 U	2400 U	2500 U	2600 U	2600 U	2700 U
2-Nitrotoluene	ug/kg	130 U	140 U	120 U	120 U	130 U	130 U	130 U
3-Nitrotoluene	ug/kg	130 U	140 U	120 U	120 U	130 U	130 U	130 U
1,3,5-Trinitrobenzene	ug/kg	130 U	140 U	120 U	120 U	130 U	130 U	130 U
4-Nitrotoluene	ug/kg	130 U	140 U	120 U	120 U	130 U	130 U	130 U
2,4-Dinitrotoluene	ug/kg	130 U	140 U	120 U	120 U	130 U	130 U	130 U
Nitrobenzene	ug/kg	130 U	140 U	120 U	120 U	130 U	130 U	130 U
m-Dinitrobenzene	ug/kg	130 U	140 U	120 U	120 U	130 U	130 U	130 U

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J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-062-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-067-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5	SL-067-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-071-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-071-SA8N-SB-2.0-3.0 06/07/2011 DE175 2 3	SL-075-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-076-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	580 U	610 U	600 U	590 U	540 U	580 U	560 U
Methanol	ug/kg	580 U	610 U	600 U	590 U	540 U	580 U	560 U
2-Propanol	ug/kg	580 U	610 U	600 U	590 U	540 U	580 U	560 U
Ethylene Glycol	mg/kg	12 U	15 U	12 U	15 U	11 U	15 U	14 U
Diethylene Glycol	mg/kg	12 U	15 U	12 U	15 U	11 U	15 UJ Q, E	14 U
Propylene glycol	mg/kg	12 U	15 U	12 U	15 U	11 U	15 U	14 U
o-Terphenyl	mg/kg	4.0 U	4.3 U	4.2 U	4.1 U	3.8 U	4.1 U	3.9 U
m-Terphenyl	mg/kg	4.0 U	4.3 U	4.2 U	4.1 U	3.8 U	4.1 U	3.9 U
p-Terphenyl	mg/kg	4.0 U	4.3 U	4.2 U	4.1 U	3.8 U	4.1 U	3.9 U
Formaldehyde	ug/kg	1700 U	1800 U	1800 U	1700 U	1600 U	1700 U	1700 U
2,6-Dinitrotoluene	ug/kg	130 U	140 U	140 U	140 U	130 U	140 U	130 U
2,4,6-Trinitrotoluene	ug/kg	130 U	140 U	140 U	140 U	130 U	140 U	130 U
RDX	ug/kg	130 U	140 U	140 U	140 U	130 U	140 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	140 U	140 U	140 U	130 U	140 U	130 U
HMX	ug/kg	330 U	360 U	360 U	350 U	320 U	340 U	340 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	140 U	140 U	140 U	130 U	140 U	130 U
Tetryl	ug/kg	130 U	140 U	140 U	140 U	130 U	140 U	130 U
Nitroglycerin	ug/kg	2600 U	2900 U	2900 U	2800 U	2500 U	2700 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	260 U	290 U	290 U	280 U	250 U	270 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	260 U	290 U	290 U	280 U	250 U	270 U	270 U
PETN	ug/kg	2600 U	2900 U	2900 U	2800 U	2500 U	2700 U	2700 U
2-Nitrotoluene	ug/kg	130 U	140 U	140 U	140 U	130 U	140 U	130 U
3-Nitrotoluene	ug/kg	130 U	140 U	140 U	140 U	130 U	140 U	130 U
1,3,5-Trinitrobenzene	ug/kg	130 U	140 U	140 U	140 U	130 U	140 U	130 U
4-Nitrotoluene	ug/kg	130 U	140 U	140 U	140 U	130 U	140 U	130 U
2,4-Dinitrotoluene	ug/kg	130 U	140 U	140 U	140 U	130 U	140 U	130 U
Nitrobenzene	ug/kg	130 U	140 U	140 U	140 U	130 U	140 U	130 U
m-Dinitrobenzene	ug/kg	130 U	140 U	140 U	140 U	130 U	140 U	130 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-076-SA8N-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-076-SA8N-SB-7.5-8.5 06/08/2011 DE176 7.5 8.5	SL-077-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-078-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-078-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5	SL-079-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-079-SA8N-SB-4.0-5.0 06/06/2011 DE174 4 5
Chemical Name	Unit							
Ethanol	ug/kg	560 U	580 U	640 U	580 U	570 U	600 U	570 U
Methanol	ug/kg	560 U	580 U	640 U	580 U	570 U	600 U	570 U
2-Propanol	ug/kg	560 U	580 U	640 U	580 U	570 U	600 U	570 U
Ethylene Glycol	mg/kg	11 UJ Q	12 U	16 U	14 U	11 U	15 U	11 U
Diethylene Glycol	mg/kg	11 UJ Q	12 U	16 U	14 U	11 U	15 U	11 U
Propylene glycol	mg/kg	11 UJ Q	12 U	16 U	14 U	11 U	15 U	11 U
o-Terphenyl	mg/kg	4.0 U	4.0 U	4.5 U	4.0 U	3.9 U	4.2 UJ S	4.0 U
m-Terphenyl	mg/kg	4.0 UJ Q	4.0 U	4.5 U	4.0 U	3.9 U	4.2 UJ S	4.0 U
p-Terphenyl	mg/kg	4.0 U	4.0 U	4.5 U	4.0 U	3.9 U	4.2 UJ S	4.0 U
Formaldehyde	ug/kg	1700 U	1700 U	1900 U	1700 U	1700 U	1800 U	1700 U
2,6-Dinitrotoluene	ug/kg	130 U	130 U	150 U	130 U	140 U	140 U	140 U
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	150 U	130 U	140 U	140 U	140 U
RDX	ug/kg	130 U	130 U	150 U	130 U	140 U	140 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	150 U	130 U	140 U	140 U	140 U
HMX	ug/kg	330 U	320 U	380 U	330 U	340 U	360 U	340 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	150 U	130 U	140 U	140 U	140 U
Tetryl	ug/kg	130 U	130 U	150 U	130 U	140 U	140 U	140 U
Nitroglycerin	ug/kg	2700 U	2600 U	3000 U	2600 U	2700 U	2800 U	2800 U
2,6-Diamino-4-nitrotoluene	ug/kg	270 U	260 U	300 U	260 U	270 U	280 U	280 U
2,4-Diamino-6-nitrotoluene	ug/kg	270 U	260 U	300 U	260 U	270 U	280 U	280 U
PETN	ug/kg	2700 U	2600 U	3000 U	2600 U	2700 U	2800 U	2800 U
2-Nitrotoluene	ug/kg	130 U	130 U	150 U	130 U	140 U	140 U	140 U
3-Nitrotoluene	ug/kg	130 U	130 U	150 U	130 U	140 U	140 U	140 U
1,3,5-Trinitrobenzene	ug/kg	130 UJ Q	130 U	150 U	130 U	140 U	140 U	140 U
4-Nitrotoluene	ug/kg	130 U	130 U	150 U	130 U	140 U	140 U	140 U
2,4-Dinitrotoluene	ug/kg	130 U	130 U	150 U	130 U	140 U	140 U	140 U
Nitrobenzene	ug/kg	130 U	130 U	150 U	130 U	140 U	140 U	140 U
m-Dinitrobenzene	ug/kg	130 U	130 U	150 U	130 U	140 U	140 U	140 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-079-SA8N-SB-9.0-10.0 06/06/2011 DE174 9 10	SL-080-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-080-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-082-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-085-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-087-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5	SL-087-SA8N-SB-9.0-10.0 05/09/2011 DE146 9 10
Chemical Name	Unit							
Ethanol	ug/kg	590 U	610 U	570 U	560 U	580 U	580 U	590 U
Methanol	ug/kg	590 U	610 U	570 U	560 U	580 U	580 U	590 U
2-Propanol	ug/kg	590 U	610 U	570 U	560 U	580 U	580 U	590 U
Ethylene Glycol	mg/kg	12 U	15 U	11 U	14 U	14 U	12 U	12 U
Diethylene Glycol	mg/kg	12 U	15 U	11 U	14 U	14 U	12 U	12 U
Propylene glycol	mg/kg	12 U	15 U	11 U	14 U	14 U	12 U	12 U
o-Terphenyl	mg/kg	4.1 U	4.2 U	4.0 U	3.9 UJ S	4.0 U	4.0 U	4.1 U
m-Terphenyl	mg/kg	4.1 U	4.2 U	4.0 U	3.9 UJ S	4.0 U	4.0 U	4.1 U
p-Terphenyl	mg/kg	4.1 U	4.2 U	4.0 U	3.9 UJ S	4.0 U	4.0 U	4.1 U
Formaldehyde	ug/kg	1800 U	1800 U	1700 U	1700 U	1700 U	1700 U	1800 U
2,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	140 U
2,4,6-Trinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	140 U
RDX	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	140 U
HMX	ug/kg	350 U	340 U	340 U	330 U	340 U	350 U	350 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	140 U
Tetryl	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	140 U
Nitroglycerin	ug/kg	2800 U	2700 U	2800 U	2600 U	2700 U	2800 U	2800 U
2,6-Diamino-4-nitrotoluene	ug/kg	280 U	270 U	280 U	260 U	270 U	280 U	280 U
2,4-Diamino-6-nitrotoluene	ug/kg	280 U	270 U	280 U	260 U	270 U	280 U	280 U
PETN	ug/kg	2800 U	2700 U	2800 U	2600 U	2700 U	2800 U	2800 U
2-Nitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	140 U
3-Nitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	140 U
1,3,5-Trinitrobenzene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	140 U
4-Nitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	140 U
2,4-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	140 U
Nitrobenzene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	140 U
m-Dinitrobenzene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	140 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-088-SA8N-SB-3.0-4.0 05/09/2011 DE146 3 4	SL-089-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-092-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-093-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-099-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-101-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-101-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5
Chemical Name	Unit							
Ethanol	ug/kg	570 U	590 U	560 U	570 U	570 U	580 U	590 U
Methanol	ug/kg	570 U	590 U	560 U	570 U	570 U	580 U	590 U
2-Propanol	ug/kg	570 U	590 U	560 U	570 U	570 U	580 U	590 U
Ethylene Glycol	mg/kg	11 U	15 U	14 U	14 U	11 U	15 U	12 U
Diethylene Glycol	mg/kg	11 U	15 U	14 U	14 U	11 U	15 U	12 U
Propylene glycol	mg/kg	11 U	15 U	14 U	14 U	11 U	15 U	12 U
o-Terphenyl	mg/kg	4.0 U	4.1 U	3.9 U	4.0 U	4.0 U	4.1 U	4.1 U
m-Terphenyl	mg/kg	4.0 U	4.1 U	3.9 U	4.0 U	4.0 UJ Q	4.1 U	4.1 U
p-Terphenyl	mg/kg	4.0 U	4.1 U	3.9 U	4.0 U	4.0 U	4.1 U	4.1 U
Formaldehyde	ug/kg	1700 U	1800 U	3300 U	3400 U	1700 U	3400 U	1800 U
2,6-Dinitrotoluene	ug/kg	140 U	140 U	130 U	130 U	140 U	140 U	140 U
2,4,6-Trinitrotoluene	ug/kg	140 U	140 U	130 U	130 U	140 U	140 U	140 U
RDX	ug/kg	140 U	140 U	130 U	130 U	140 U	140 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	140 U	130 U	130 U	140 U	140 U	140 U
HMX	ug/kg	340 U	350 U	330 U	340 U	340 U	350 U	360 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	140 U	130 U	130 U	140 U	140 U	140 U
Tetryl	ug/kg	140 U	140 U	130 U	130 U	140 U	140 U	140 U
Nitroglycerin	ug/kg	2700 U	2800 U	2700 U	2700 U	2700 U	2800 U	2900 U
2,6-Diamino-4-nitrotoluene	ug/kg	270 U	280 U	270 U	270 U	270 U	280 U	290 U
2,4-Diamino-6-nitrotoluene	ug/kg	270 U	280 U	270 U	270 U	270 U	280 U	290 U
PETN	ug/kg	2700 U	2800 U	2700 U	2700 U	2700 U	2800 U	2900 U
2-Nitrotoluene	ug/kg	140 U	140 U	130 U	130 U	140 U	140 U	140 U
3-Nitrotoluene	ug/kg	140 U	140 U	130 U	130 U	140 U	140 U	140 U
1,3,5-Trinitrobenzene	ug/kg	140 U	140 U	130 U	130 U	140 U	140 U	140 U
4-Nitrotoluene	ug/kg	140 U	140 U	130 U	130 U	140 U	140 U	140 U
2,4-Dinitrotoluene	ug/kg	140 U	140 U	130 U	130 U	140 U	140 U	140 U
Nitrobenzene	ug/kg	140 U	140 U	130 U	130 U	140 U	140 U	140 U
m-Dinitrobenzene	ug/kg	140 U	140 U	130 U	130 U	140 U	140 U	140 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-101-SA8N-SB-7.0-8.0 05/12/2011 DE149 7 8	SL-102-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-103-SA8N-SB-3.0-4.0 05/12/2011 DE149 3 4	SL-105-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-106-SA8N-SB-2.5-3.5 06/08/2011 DE176 2.5 3.5	SL-108-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-109-SA8N-SB-4.0-5.0 06/08/2011 DE176 4 5
Chemical Name	Unit							
Ethanol	ug/kg	590 U	580 U	590 U	590 U	580 U	510 U	570 U
Methanol	ug/kg	590 U	580 U	590 U	590 U	580 U	510 U	570 U
2-Propanol	ug/kg	590 U	580 U	590 U	590 U	580 U	340 J Z	570 U
Ethylene Glycol	mg/kg	12 U	14 U	12 U	12 U	12 U	13 U	11 U
Diethylene Glycol	mg/kg	12 U	14 U	12 U	12 U	12 U	13 U	11 U
Propylene glycol	mg/kg	12 U	14 U	12 U	12 U	12 U	13 U	11 U
o-Terphenyl	mg/kg	4.1 U	4.0 U	4.2 U	4.1 U	4.0 U	7.1 U	4.0 U
m-Terphenyl	mg/kg	4.1 U	4.0 U	4.2 U	4.1 U	4.0 U	7.1 U	4.0 U
p-Terphenyl	mg/kg	4.1 U	4.0 U	4.2 U	4.1 U	4.0 U	3.0 J Z	4.0 U
Formaldehyde	ug/kg	1700 U	1700 U	1800 U	1800 U	1700 U	1500 U	2700
2,6-Dinitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	120 U	130 U
2,4,6-Trinitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	120 U	130 U
RDX	ug/kg	140 U	140 U	140 U	140 U	130 U	120 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	120 U	130 U
HMX	ug/kg	350 U	350 U	360 U	350 U	330 U	300 U	320 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	120 U	130 U
Tetryl	ug/kg	140 U	140 U	140 U	140 U	130 U	120 U	130 U
Nitroglycerin	ug/kg	2800 U	2800 U	2900 U	2800 U	2600 U	2400 U	2500 U
2,6-Diamino-4-nitrotoluene	ug/kg	280 U	280 U	290 U	280 U	260 U	240 U	250 U
2,4-Diamino-6-nitrotoluene	ug/kg	280 U	280 U	290 U	280 U	260 U	240 U	250 U
PETN	ug/kg	2800 U	2800 U	2900 U	2800 U	2600 U	2400 U	2500 U
2-Nitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	120 U	130 U
3-Nitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	120 U	130 U
1,3,5-Trinitrobenzene	ug/kg	140 U	140 U	140 U	140 U	130 U	120 U	130 U
4-Nitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	120 U	130 U
2,4-Dinitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	120 U	130 U
Nitrobenzene	ug/kg	140 U	140 U	140 U	140 U	130 U	120 U	130 U
m-Dinitrobenzene	ug/kg	140 U	140 U	140 U	140 U	130 U	120 U	130 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-109-SA8N-SB-9.0-10.0 06/08/2011 DE176 9 10	SL-111-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-111-SA8N-SB-3.0-4.0 06/10/2011 DE178 3 4	SL-112-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-115-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-116-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-116-SA8N-SB-4.0-5.0 06/09/2011 DE177 4 5
Chemical Name	Unit							
Ethanol	ug/kg	580 U	560 U	550 U	570 U	560 U	600 U	580 U
Methanol	ug/kg	580 U	560 U	550 U	570 U	560 U	600 U	580 U
2-Propanol	ug/kg	580 U	560 U	550 U	570 U	560 U	600 U	580 U
Ethylene Glycol	mg/kg	12 U	14 U	11 U	14 U	14 U	15 U	12 U
Diethylene Glycol	mg/kg	12 U	14 U	11 U	14 U	14 U	15 U	12 U
Propylene glycol	mg/kg	12 U	14 U	11 U	14 U	14 U	15 U	12 U
o-Terphenyl	mg/kg	4.0 U	3.9 U	3.8 U	4.0 U	3.9 U	4.2 U	4.0 U
m-Terphenyl	mg/kg	4.0 U	3.9 U	3.8 U	4.0 U	3.9 U	4.2 U	4.0 U
p-Terphenyl	mg/kg	4.0 U	3.9 U	3.8 U	4.0 U	3.9 U	4.2 U	4.0 U
Formaldehyde	ug/kg	3100	1500 J Z	1600 U	780 J Z	1700 U	1600 J Z	1700 U
2,6-Dinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	140 U	140 U
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	140 U	140 U
RDX	ug/kg	130 U	130 U	120 U	130 U	130 U	140 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	140 U	140 U
HMX	ug/kg	330 U	330 U	310 U	330 U	320 U	350 U	350 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	140 U	140 U
Tetryl	ug/kg	130 U	130 U	120 U	130 U	130 U	140 U	140 U
Nitroglycerin	ug/kg	2600 U	2600 U	2500 U	2600 U	2600 U	2800 U	2800 U
2,6-Diamino-4-nitrotoluene	ug/kg	260 U	260 U	250 U	260 U	260 U	280 U	280 U
2,4-Diamino-6-nitrotoluene	ug/kg	260 U	260 U	250 U	260 U	260 U	280 U	280 U
PETN	ug/kg	2600 U	2600 U	2500 U	2600 U	2600 U	2800 U	2800 U
2-Nitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	140 U	140 U
3-Nitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	140 U	140 U
1,3,5-Trinitrobenzene	ug/kg	130 U	130 U	120 U	130 U	130 U	140 U	140 U
4-Nitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	140 U	140 U
2,4-Dinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	140 U	140 U
Nitrobenzene	ug/kg	130 U	130 U	120 U	130 U	130 U	140 U	140 U
m-Dinitrobenzene	ug/kg	130 U	130 U	120 U	130 U	130 U	140 U	140 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-117-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-118-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-119-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-120-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-120-SA8N-SB-4.0-5.0 05/11/2011 DE148 4 5	SL-120-SA8N-SB-9.0-10.0 05/11/2011 DE148 9 10	SL-122-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	530 U	590 U	530 U	530 U	540 U	580 U	520 U
Methanol	ug/kg	530 U	590 U	530 U	530 U	540 U	580 U	520 U
2-Propanol	ug/kg	530 U	590 U	530 U	530 U	540 U	580 U	520 U
Ethylene Glycol	mg/kg	13 U	15 U	13 U	13 U	11 UJ Q	12 U	13 U
Diethylene Glycol	mg/kg	13 U	15 U	13 U	13 U	11 UJ Q	12 U	13 U
Propylene glycol	mg/kg	13 U	15 U	13 U	13 U	11 U	12 U	13 U
o-Terphenyl	mg/kg	3.7 U	4.1 U	3.7 U	3.7 U	3.8 U	4.0 U	3.6 U
m-Terphenyl	mg/kg	3.7 U	4.1 U	3.7 U	3.7 U	3.8 U	4.0 U	3.6 U
p-Terphenyl	mg/kg	3.7 U	4.1 U	3.7 U	3.7 U	3.8 U	4.0 U	3.6 U
Formaldehyde	ug/kg	1300 J Z	1100 J Z	1000 J Z	1600 U	1600 U	1700 U	3100 U
2,6-Dinitrotoluene	ug/kg	120 U	140 U	120 U	130 U	130 U	140 U	120 U
2,4,6-Trinitrotoluene	ug/kg	120 U	140 U	120 U	130 U	130 U	140 U	120 U
RDX	ug/kg	120 U	140 U	120 U	130 U	130 U	140 U	120 U
4-Amino-2,6-Dinitrotoluene	ug/kg	120 U	140 U	120 U	130 U	130 U	140 U	120 U
HMX	ug/kg	300 U	350 U	300 U	320 U	320 U	350 U	310 U
2-Amino-4,6-Dinitrotoluene	ug/kg	120 U	140 U	120 U	130 U	130 U	140 U	120 U
Tetryl	ug/kg	120 U	140 U	120 U	130 U	130 U	140 U	120 U
Nitroglycerin	ug/kg	2400 U	2800 U	2400 U	2600 U	2600 U	2800 U	2500 U
2,6-Diamino-4-nitrotoluene	ug/kg	240 U	280 U	240 U	260 U	260 U	280 U	250 U
2,4-Diamino-6-nitrotoluene	ug/kg	240 U	280 U	240 U	260 U	260 U	280 U	250 U
PETN	ug/kg	2400 U	2800 U	2400 U	2600 U	2600 U	2800 U	2500 U
2-Nitrotoluene	ug/kg	120 U	140 U	120 U	130 U	130 U	140 U	120 U
3-Nitrotoluene	ug/kg	120 U	140 U	120 U	130 U	130 U	140 U	120 U
1,3,5-Trinitrobenzene	ug/kg	120 U	140 U	120 U	130 U	130 U	140 U	120 U
4-Nitrotoluene	ug/kg	120 U	140 U	120 U	130 U	130 U	140 U	120 U
2,4-Dinitrotoluene	ug/kg	120 U	140 U	120 U	130 U	130 U	140 U	120 U
Nitrobenzene	ug/kg	120 U	140 U	120 U	130 U	130 U	140 U	120 U
m-Dinitrobenzene	ug/kg	120 U	140 U	120 U	130 U	130 U	140 U	120 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-122-SA8N-SB-2.0-3.0 06/07/2011 DE175 2 3	SL-125-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-126-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-132-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-133-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-133-SA8N-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-133-SA8N-SB-7.0-8.0 06/06/2011 DE175 7 8
Chemical Name	Unit							
Ethanol	ug/kg	540 U	610 U	550 U	550 U	590 U	590 U	580 U
Methanol	ug/kg	540 U	610 U	550 U	550 U	590 U	590 U	580 U
2-Propanol	ug/kg	540 U	610 U	550 U	550 U	590 U	590 U	580 U
Ethylene Glycol	mg/kg	11 U	15 U	14 U	14 U	15 U	12 U	12 U
Diethylene Glycol	mg/kg	11 U	15 U	14 U	14 U	15 U	12 U	12 U
Propylene glycol	mg/kg	11 U	15 U	14 U	14 U	15 U	12 U	12 U
o-Terphenyl	mg/kg	3.8 U	4.3 U	3.9 U	3.8 U	4.1 U	4.1 U	4.0 U
m-Terphenyl	mg/kg	3.8 U	4.3 U	3.9 U	3.8 U	4.1 U	4.1 U	4.0 U
p-Terphenyl	mg/kg	3.8 U	4.3 U	3.9 U	3.8 U	4.1 U	4.1 U	4.0 U
Formaldehyde	ug/kg	1600 U	1700 J Z	870 J Z	1600 U	1800 U	1800 U	1700 U
2,6-Dinitrotoluene	ug/kg	130 U	140 U	130 U	130 UJ C	130 U	130 U	130 U
2,4,6-Trinitrotoluene	ug/kg	130 U	140 U	130 U	130 U	130 U	130 U	130 U
RDX	ug/kg	130 U	140 U	130 U	130 U	130 U	130 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	140 U	130 U	130 U	130 U	130 U	130 U
HMX	ug/kg	320 U	350 U	310 U	320 U	330 U	330 U	330 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	140 U	130 U	130 U	130 U	130 U	130 U
Tetryl	ug/kg	130 U	140 U	130 U	130 U	130 U	130 U	130 U
Nitroglycerin	ug/kg	2500 U	2800 U	2500 U	2600 U	2700 U	2700 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	250 U	280 U	250 U	260 U	270 U	270 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	250 U	280 U	250 U	260 U	270 U	270 U	270 U
PETN	ug/kg	2500 U	2800 U	2500 U	2600 U	2700 U	2700 U	2700 U
2-Nitrotoluene	ug/kg	130 U	140 U	130 U	130 U	130 U	130 U	130 U
3-Nitrotoluene	ug/kg	130 U	140 U	130 U	130 U	130 U	130 U	130 U
1,3,5-Trinitrobenzene	ug/kg	130 U	140 U	130 U	130 U	130 U	130 U	130 U
4-Nitrotoluene	ug/kg	130 U	140 U	130 U	130 U	130 U	130 U	130 U
2,4-Dinitrotoluene	ug/kg	130 U	140 U	130 U	130 U	130 U	130 U	130 U
Nitrobenzene	ug/kg	130 U	140 U	130 U	130 U	130 U	130 U	130 U
m-Dinitrobenzene	ug/kg	130 U	140 U	130 U	130 U	130 U	130 U	130 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-134-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-135-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-135-SA8N-SB-2.0-3.0 05/09/2011 DE146 2 3	SL-139-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-138-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-140-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-140-SA8N-SB-3.0-4.0 06/07/2011 DE175 3 4
Chemical Name	Unit							
Ethanol	ug/kg	570 U	550 U	550 U	520 U	540 U	570 U	570 U
Methanol	ug/kg	570 U	550 U	550 U	520 U	540 U	570 U	570 U
2-Propanol	ug/kg	570 U	550 U	550 U	520 U	540 U	570 U	570 U
Ethylene Glycol	mg/kg	14 U	14 U	11 U	13 U	14 U	14 U	11 U
Diethylene Glycol	mg/kg	14 U	14 U	11 U	13 U	14 U	14 U	11 U
Propylene glycol	mg/kg	14 U	14 U	11 U	13 U	14 U	14 U	11 U
o-Terphenyl	mg/kg	4.0 U	3.8 U	3.9 U	3.7 U	3.8 U	4.0 U	4.0 U
m-Terphenyl	mg/kg	4.0 U	3.8 U	3.9 U	3.7 U	3.8 U	4.0 U	4.0 U
p-Terphenyl	mg/kg	4.0 U	3.8 U	3.9 U	3.7 U	3.8 U	4.0 U	4.0 U
Formaldehyde	ug/kg	1700 U	1600 U	1600 U	3100 U	3300 U	3400 U	1700 U
2,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	120 U	120 U	140 U	130 U
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	130 U	120 U	120 U	140 U	130 U
RDX	ug/kg	130 U	130 U	130 U	120 U	120 U	140 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	120 U	120 U	140 U	130 U
HMX	ug/kg	330 U	330 U	330 U	310 U	310 U	340 U	320 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	120 U	120 U	140 U	130 U
Tetryl	ug/kg	130 U	130 U	130 U	120 U	120 U	140 U	130 U
Nitroglycerin	ug/kg	2700 U	2600 U	2700 U	2500 U	2500 U	2700 U	2600 U
2,6-Diamino-4-nitrotoluene	ug/kg	270 U	260 U	270 U	250 U	250 U	270 U	260 U
2,4-Diamino-6-nitrotoluene	ug/kg	270 U	260 U	270 U	250 U	250 U	270 U	260 U
PETN	ug/kg	2700 U	2600 U	2700 U	2500 U	2500 U	2700 U	2600 U
2-Nitrotoluene	ug/kg	130 U	130 U	130 U	120 U	120 U	140 U	130 U
3-Nitrotoluene	ug/kg	130 U	130 U	130 U	120 U	120 U	140 U	130 U
1,3,5-Trinitrobenzene	ug/kg	130 U	130 U	130 U	120 U	120 U	140 U	130 U
4-Nitrotoluene	ug/kg	130 U	130 U	130 U	120 U	120 U	140 U	130 U
2,4-Dinitrotoluene	ug/kg	130 U	130 U	130 U	120 U	120 U	140 U	130 U
Nitrobenzene	ug/kg	130 U	130 U	130 U	120 U	120 U	140 U	130 U
m-Dinitrobenzene	ug/kg	130 U	130 U	130 U	120 U	120 U	140 U	130 U

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Sample Name		SL-141-SA8N-SS-0.0-0.5	SL-141-SA8N-SB-4.0-5.0
Sample Date		04/15/2011	05/09/2011
SDG		DE129	DE146
Start Depth		0	4
End Depth		0.5	5
Chemical Name	Unit		
Ethanol	ug/kg	570 U	600 U
Methanol	ug/kg	570 U	600 U
2-Propanol	ug/kg	570 U	600 U
Ethylene Glycol	mg/kg	14 U	12 UJ Q
Diethylene Glycol	mg/kg	14 U	12 UJ Q
Propylene glycol	mg/kg	14 U	12 UJ Q
o-Terphenyl	mg/kg	4.0 UJ S	4.2 U
m-Terphenyl	mg/kg	4.0 UJ S	4.2 U
p-Terphenyl	mg/kg	4.0 UJ S	4.2 U
Formaldehyde	ug/kg	1700 U	1800 U
2,6-Dinitrotoluene	ug/kg	130 U	140 UJ Q
2,4,6-Trinitrotoluene	ug/kg	130 U	140 UJ Q
RDX	ug/kg	130 U	140 UJ Q
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	140 UJ Q
HMX	ug/kg	330 U	350 UJ Q
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	140 UJ Q
Tetryl	ug/kg	130 U	140 U
Nitroglycerin	ug/kg	2600 U	2800 UJ Q
2,6-Diamino-4-nitrotoluene	ug/kg	260 U	280 U
2,4-Diamino-6-nitrotoluene	ug/kg	260 U	280 U
PETN	ug/kg	2600 U	2800 U
2-Nitrotoluene	ug/kg	130 U	140 UJ Q
3-Nitrotoluene	ug/kg	130 U	140 U
1,3,5-Trinitrobenzene	ug/kg	130 U	140 UJ Q
4-Nitrotoluene	ug/kg	130 U	140 UJ Q
2,4-Dinitrotoluene	ug/kg	130 U	140 UJ Q
Nitrobenzene	ug/kg	130 U	140 U
m-Dinitrobenzene	ug/kg	130 U	140 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5	SL-001-SA8N-SB-4.0-5.0 05/26/2011 DX091 4 5	SL-001-SA8N-SB-9.0-10.0 05/26/2011 DX091 9 10	SL-002-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5	SL-002-SA8N-SB-4.0-5.0 05/26/2011 DX093 4 5	SL-002-SA8N-SB-9.0-10.0 05/26/2011 DX093 9 10	SL-003-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0306 J Z	1.18 U	1.12 U B	1.24 U	1.17 UJ B, FD	1.17 U B	1.23 U
1,2,3,7,8,9-HxCDD	ng/kg	0.225 J Z	5.89 U B	5.59 U B	6.18 U B, Z	5.87 UJ B, FD	0.154 J Z	6.16 U B, Z
OCDD	ng/kg	30.4	11.8 U B	11.2 U B	95.4	11.7 UJ B, FD	2.00 J Z	42.1
1,2,3,4,6,7,8-HpCDD	ng/kg	4.19 J Z	5.89 U B	5.59 U B	11.3	5.87 UJ B, FD	5.84 U B	6.26
OCDF	ng/kg	1.23 J Z	11.8 U B	11.2 U B	2.03 J Z	11.7 U B	11.7 U B	12.3 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	0.101 J Z	5.89 U B	5.59 U B	6.18 U B, Z	5.87 UJ B, FD	5.84 U B	6.16 U B, Z
1,2,3,7,8-PeCDD	ng/kg	6.17 U B, Z	5.89 U B	5.59 U	6.18 U B, Z	5.87 U B	5.84 U B	6.16 U B, Z
2,3,7,8-TCDF	ng/kg	1.23 U	1.18 U	1.12 U	1.24 U B, Z	0.0368 J FD, Z	0.0223 J Z	1.23 U
1,2,3,4,7,8,9-HpCDF	ng/kg	6.17 U B, Z	5.89 U B	5.59 U B	6.18 U B, Z	5.87 U B	5.84 U B	6.16 U B, Z
2,3,4,7,8-PeCDF	ng/kg	0.791 J Z	0.0627 J Z	0.0491 J Z	6.18 U	5.87 U B	5.84 U B	6.16 U B, Z
1,2,3,7,8-PeCDF	ng/kg	6.17 U	5.89 U B	5.59 U B	6.18 U B, Z	5.87 U B	5.84 U B	6.16 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	6.17 U B, Z	5.89 U B	5.59 U B	6.18 U B, Z	5.87 U B	0.172 J Z	6.16 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	0.281 J Z	5.89 U B	5.59 U	6.18 U B, Z	5.87 U B	5.84 U B	6.16 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	6.17 U B, Z	5.89 U B	5.59 U B	6.18 U B, Z	5.87 UJ B, FD	5.84 U B	6.16 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	6.17 U B, Z	5.89 U B	5.59 U B	6.18 U B, Z	5.87 UJ B, FD	5.84 U B	6.16 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	1.34 J Z	5.89 U B	5.59 U	6.18 U B, Z	5.87 U B	0.233 J Z	6.16 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	6.17 U B, Z	5.89 U B	5.59 U B	6.18 U B, Z	5.87 U B	5.84 U B	6.16 U B, Z
Aroclor 1260	ug/kg	4.4 J Z	2.0 U	1.9 U	4.9 J Z	2.0 U	2.0 U	3.7 J Z
Aroclor 1254	ug/kg	8.0 J Z	2.0 U	1.9 U	4.7 J Z	2.0 U	2.0 U	7.1 J Z
Aroclor 1268	ug/kg	11 U	2.0 U	1.9 U	11 U	2.0 U	2.0 U	11 U
Aroclor 1221	ug/kg	11 U	2.0 U	1.9 U	11 U	2.0 U	2.0 U	11 U
Aroclor 5460	ug/kg	8.4 J Z	3.9 U	3.7 U	20 U	3.9 U	3.9 U	21 U
Aroclor 1232	ug/kg	11 U	2.0 U	1.9 U	11 U	2.0 U	2.0 U	11 U
Aroclor 5442	ug/kg	21 U	3.9 U	3.7 U	20 U	3.9 U	3.9 U	21 U
Aroclor 1248	ug/kg	11 U	2.0 U	1.9 U	11 U	2.0 U	2.0 U	11 U
Aroclor 1016	ug/kg	11 U	2.0 U	1.9 U	11 U	2.0 U	2.0 U	11 U
Aroclor 1262	ug/kg	11 U	2.0 U	1.9 U	11 U	2.0 U	2.0 U	11 U
Aroclor 1242	ug/kg	11 U	2.0 U	1.9 U	11 U	2.0 U	2.0 U	11 U
Aroclor 5432	ug/kg	21 U	3.9 U	3.7 U	20 U	3.9 U	3.9 U	21 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-003-SA8N-SB-4.0-5.0 05/27/2011 DX094 4 5	SL-003-SA8N-SB-9.0-10.0 05/27/2011 DX094 9 10	SL-004-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5	SL-004-SA8N-SB-4.0-5.0 04/21/2011 DX076 4 5	SL-004-SA8N-SB-9.0-10.0 04/21/2011 DX076 9 10	SL-005-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5	SL-005-SA8N-SB-4.0-5.0 04/21/2011 DX076 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.16 U B	1.23 U B	1.13 U	1.18 U	1.13 U	1.05 U B, Z	0.0369 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.82 U B	6.14 U B	5.67 U B, Z	5.88 U B, Z	5.63 U B, Z	12.8	0.380 J Z
OCDD	ng/kg	11.6 U B	12.3 U B	93.3	11.8 U B, Z	3.17 J Z	3720	109
1,2,3,4,6,7,8-HpCDD	ng/kg	5.82 U B	6.14 U B	10.1	5.88 U B, Z	5.63 U B, Z	497	14.2
OCDF	ng/kg	11.6 U B	12.3 U B	1.98 J Z	11.8 U B, Z	11.3 U B, Z	30.2	1.14 J Z
1,2,3,4,7,8-HxCDD	ng/kg	5.82 U	0.0515 J Z	5.67 U B, Z	5.88 U	5.63 U B, Z	5.95	5.72 U B, Z
1,2,3,7,8-PeCDD	ng/kg	5.82 U	6.14 U B	5.67 U B, Z	5.88 U	5.63 U B, Z	4.40 J Z	5.72 U B, Z
2,3,7,8-TCDF	ng/kg	1.16 U	1.23 U	1.13 U B, Z	1.18 U B, Z	1.13 U	1.46 Z	1.14 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.82 U B	6.14 U B	5.67 U B, Z	5.88 U B, Z	5.63 U B, Z	2.68 J Z	5.72 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.82 U B	6.14 U B	5.67 U B, Z	5.88 U B, Z	5.63 U B, Z	27	5.72 U B, Z
1,2,3,7,8-PeCDF	ng/kg	5.82 U	6.14 U B	5.67 U B, Z	5.88 U B, Z	5.63 U	5.24 U B, Z	5.72 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.82 U B	6.14 U B	5.67 U B, Z	5.88 U B, Z	5.63 U B, Z	12	5.72 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	5.82 U B	6.14 U B	5.67 U B, Z	5.88 U B, Z	5.63 U B, Z	31.1	0.787 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.82 U B	6.14 U B	5.67 U B, Z	5.88 U B, Z	5.63 U B, Z	21.2	5.72 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.82 U B	6.14 U B	5.67 U B, Z	5.88 U B, Z	5.63 U B, Z	43.8	1.30 J Z
1,2,3,4,7,8-HxCDF	ng/kg	5.82 U B	6.14 U B	5.67 U B, Z	5.88 U B, Z	5.63 U B, Z	4.17 J Z	5.72 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	5.82 U B	6.14 U B	5.67 U B, Z	0.0514 J Z	0.0492 J Z	2.96 J Z	0.112 J Z
Aroclor 1260	ug/kg	2.0 U	2.1 U	20 U	2.0 U	1.9 U	3.1 J Z	2.0 U
Aroclor 1254	ug/kg	2.0 U	2.1 U	9.5 J Z	2.0 U	1.9 U	1.6 J Z	2.0 U
Aroclor 1268	ug/kg	2.0 U	2.1 U	20 U	2.0 U	1.9 U	3.6 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	2.1 U	20 U	2.0 U	1.9 U	3.6 U	2.0 U
Aroclor 5460	ug/kg	3.9 U	4.1 U	38 U	3.9 U	3.7 U	4.0 J Z	3.8 U
Aroclor 1232	ug/kg	2.0 U	2.1 U	20 U	2.0 U	1.9 U	3.6 U	2.0 U
Aroclor 5442	ug/kg	3.9 U	4.1 U	38 U	3.9 U	3.7 U	7.0 U	3.8 U
Aroclor 1248	ug/kg	2.0 U	2.1 U	20 U	2.0 U	1.9 U	3.6 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	2.1 U	20 U	2.0 U	1.9 U	3.6 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	2.1 U	20 U	2.0 U	1.9 U	3.6 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	2.1 U	20 U	2.0 U	1.9 U	3.6 U	2.0 U
Aroclor 5432	ug/kg	3.9 U	4.1 U	38 U	3.9 U	3.7 U	7.0 U	3.8 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-005-SA8N-SB-8.0-9.0 04/21/2011 DX076 8 9	SL-006-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5	SL-006-SA8N-SB-4.0-5.0 04/21/2011 DX076 4 5	SL-006-SA8N-SB-8.0-9.0 04/21/2011 DX076 8 9	SL-007-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5	SL-007-SA8N-SB-4.0-5.0 04/22/2011 DX077 4 5	SL-007-SA8N-SB-9.0-10.0 04/22/2011 DX077 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.11 U	1.12 U B, Z	0.0448 J Z	1.18 U	1.20 U B, Z	1.15 U B, Z	1.14 U
1,2,3,7,8,9-HxCDD	ng/kg	1.23 J Z	2.09 J Z	5.99 U B, Z	5.89 U B, Z	6.00 U B, Z	5.73 U B, Z	5.71 U B, Z
OCDD	ng/kg	115	818	75.3	11.8 U B, Z	127	11.5 U B, Z	11.4 U B, Z
1,2,3,4,6,7,8-HpCDD	ng/kg	18.1	61.4	7.47	5.89 U B, Z	17.5	5.73 U B, Z	5.71 U B, Z
OCDF	ng/kg	1.02 J Z	1.88 J Z	12.0 U B, Z	11.8 U B, Z	2.40 J Z	11.5 U B, Z	11.4 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	0.422 J Z	5.62 U B, Z	5.99 U B, Z	5.89 U B, Z	6.00 U B, Z	5.73 U B, Z	5.71 U
1,2,3,7,8-PeCDD	ng/kg	0.366 J Z	5.62 U B, Z	5.99 U B, Z	5.89 U B, Z	6.00 U B, Z	5.73 U B, Z	5.71 U B, Z
2,3,7,8-TCDF	ng/kg	1.11 U B, Z	1.12 U B, Z	1.20 U B, Z	1.18 U B, Z	1.20 U B, Z	0.0162 J Z	1.14 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.56 U B, Z	5.62 U B, Z	5.99 U B, Z	5.89 U B, Z	6.00 U B, Z	5.73 U B, Z	5.71 U B, Z
2,3,4,7,8-PeCDF	ng/kg	1.06 J Z	5.62 U B, Z	5.99 U B, Z	5.89 U B, Z	6.00 U B, Z	5.73 U B, Z	5.71 U B, Z
1,2,3,7,8-PeCDF	ng/kg	5.56 U B, Z	5.62 U B, Z	0.114 J Z	5.89 U B, Z	6.00 U B, Z	5.73 U B, Z	5.71 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	0.545 J Z	5.62 U B, Z	5.99 U B, Z	5.89 U B, Z	6.00 U B, Z	5.73 U B, Z	5.71 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	1.46 J Z	5.73	0.402 J Z	5.89 U B, Z	1.44 J Z	5.73 U B, Z	5.71 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	1.22 J Z	5.62 U B, Z	5.99 U B, Z	5.89 U B, Z	6.00 U B, Z	5.73 U B, Z	5.71 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	1.60 J Z	3.44 J Z	5.99 U B, Z	5.89 U B, Z	2.01 J Z	5.73 U B, Z	5.71 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	5.56 U B, Z	5.62 U B, Z	5.99 U B, Z	5.89 U B, Z	6.00 U B, Z	5.73 U B, Z	5.71 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	0.227 J Z	5.62 U B, Z	0.111 J Z	0.0655 J Z	6.00 U B, Z	5.73 U B, Z	5.71 U B, Z
Aroclor 1260	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	4.1 U	2.0 U	2.0 U
Aroclor 1254	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	2.5 J Z	2.0 U	2.0 U
Aroclor 1268	ug/kg	1.9 U	0.72 J Z	2.0 U	2.0 U	3.1 J Z	2.0 U	2.0 U
Aroclor 1221	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	4.1 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	3.7 U	3.8 U	4.0 U	3.9 U	8.7	3.8 U	3.8 U
Aroclor 1232	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	4.1 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	3.7 U	3.8 U	4.0 U	3.9 U	8.0 U	3.8 U	3.8 U
Aroclor 1248	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	4.1 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	4.1 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	4.1 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	4.1 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	3.7 U	3.8 U	4.0 U	3.9 U	8.0 U	3.8 U	3.8 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-008-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5	SL-008-SA8N-SB-4.0-5.0 05/26/2011 DX093 4 5	SL-008-SA8N-SB-9.0-10.0 05/26/2011 DX093 9 10	SL-009-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5	SL-010-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5	SL-010-SA8N-SB-4.0-5.0 04/22/2011 DX077 4 5	SL-010-SA8N-SB-9.0-10.0 04/22/2011 DX077 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.08 U B, Z	1.17 U	1.14 U	1.15 U B, Z	1.14 U B, Z	1.15 U	1.16 U
1,2,3,7,8,9-HxCDD	ng/kg	5.41 U B, Z	5.85 U B	5.69 U B	5.77 U B, Z	0.373 J Z	5.76 U B, Z	5.81 U B, Z
OCDD	ng/kg	91.1	11.7 U B	11.4 U B	9.40 J Z	72.8	11.5 U B, Z	11.6 U B, Z
1,2,3,4,6,7,8-HpCDD	ng/kg	8.75	5.85 U B	5.69 U B	1.58 J Z	8.36	5.76 U B, Z	5.81 U B, Z
OCDF	ng/kg	2.40 J Z	11.7 U B	11.4 U B	11.5 U B, Z	2.55 J Z	11.5 U B, Z	11.6 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	5.41 U B, Z	0.237 J Z	5.69 U B	5.77 U B, Z	5.71 U B, Z	5.76 U B, Z	5.81 U B, Z
1,2,3,7,8-PeCDD	ng/kg	5.41 U B, Z	5.85 U B	5.69 U B	5.77 U B, Z	0.219 J Z	5.76 U	5.81 U B, Z
2,3,7,8-TCDF	ng/kg	1.08 U B, Z	0.0719 J Z	1.14 U	1.15 U B, Z	0.197 J Z	1.15 U	1.16 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.41 U B, Z	5.85 U B	5.69 U B	5.77 U B, Z	5.71 U B, Z	5.76 U B, Z	5.81 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.41 U B, Z	5.85 U B	5.69 U B	5.77 U B, Z	0.531 J Z	5.76 U B, Z	5.81 U B, Z
1,2,3,7,8-PeCDF	ng/kg	5.41 U B, Z	0.225 J Z	5.69 U B	5.77 U B, Z	5.71 U B, Z	5.76 U B, Z	5.81 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.41 U B, Z	5.85 U B	5.69 U B	5.77 U B, Z	5.71 U B, Z	5.76 U B, Z	5.81 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	5.41 U B, Z	5.85 U B	5.69 U B	5.77 U B, Z	0.473 J Z	5.76 U B, Z	5.81 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	5.41 U B, Z	0.278 J Z	5.69 U B	5.77 U B, Z	0.258 J Z	5.76 U B, Z	5.81 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	1.69 J Z	5.85 U B	5.69 U B	5.77 U B, Z	1.64 J Z	5.76 U B, Z	5.81 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	5.41 U B, Z	5.85 U B	5.69 U B	5.77 U B, Z	2.08 J Z	5.76 U B, Z	5.81 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	5.41 U B, Z	5.85 U B	5.69 U B	5.77 U B, Z	5.71 U B, Z	5.76 U	5.81 U
Aroclor 1260	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U
Aroclor 1254	ug/kg	1.0 J Z	2.0 U	2.0 U	2.0 U	4.9 J S	2.0 U	2.0 U
Aroclor 1268	ug/kg	1.6 J Z	2.0 U	2.0 U	1.4 J Z	29 J S	2.0 U	2.0 U
Aroclor 1221	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	4.7	3.9 U	3.8 U	1.7 J Z	30 J S	3.8 U	3.9 U
Aroclor 1232	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	3.6 U	3.9 U	3.8 U	3.9 U	7.8 U	3.8 U	3.9 U
Aroclor 1248	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	4.0 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	3.6 U	3.9 U	3.8 U	3.9 U	7.8 U	3.8 U	3.9 U

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J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-011-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5	SL-011-SA8N-SB-4.0-5.0 04/22/2011 DX077 4 5	SL-011-SA8N-SB-9.0-10.0 04/22/2011 DX077 9 10	SL-012-SA8N-SS-0.0-0.5 04/12/2011 DX069 0 0.5	SL-012-SA8N-SB-4.0-5.0 05/02/2011 DX077 4 5	SL-013-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5	SL-013-SA8N-SB-2.0-3.0 04/29/2011 DX078 2 3
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.18 U	1.14 U B, Z	1.12 U	1.12 U B, Z	1.17 U	1.15 UJ B, FD, Z	1.13 U
1,2,3,7,8,9-HxCDD	ng/kg	0.770 J Z	5.71 U B, Z	5.59 U B, Z	0.507 J Z	0.189 J Z	5.74 U B, Z	5.65 U B, Z
OCDD	ng/kg	267	11.4 U B, Z	11.2 U B, Z	63.3	11.7 U B, Z	672 J Q, E	49.1
1,2,3,4,6,7,8-HpCDD	ng/kg	26	5.71 U B, Z	5.59 U B, Z	8.04	5.85 U B, Z	61.6	4.59 J Z
OCDF	ng/kg	9.14 J Z	11.4 U B, Z	11.2 U B, Z	5.05 J Z	11.7 U B, Z	11.3 J Z	1.11 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.294 J Z	5.71 U B, Z	5.59 U B, Z	0.154 J Z	5.85 U B, Z	5.74 U B, Z	5.65 U
1,2,3,7,8-PeCDD	ng/kg	0.204 J Z	5.71 U B, Z	5.59 U B, Z	0.128 J Z	5.85 U B, Z	5.74 U B, Z	5.65 U B, Z
2,3,7,8-TCDF	ng/kg	2.34 Z	0.0173 J Z	0.0191 J Z	0.600 J Z	1.17 U	1.15 UJ B, FD, Z	1.13 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.90 U B, Z	5.71 U B, Z	5.59 U B, Z	5.62 U B, Z	5.85 U B, Z	5.74 U B, Z	5.65 U B, Z
2,3,4,7,8-PeCDF	ng/kg	1.02 J Z	5.71 U B, Z	5.59 U B, Z	0.475 J Z	5.85 U B, Z	5.74 U B, Z	5.65 U B, Z
1,2,3,7,8-PeCDF	ng/kg	0.322 J Z	5.71 U	5.59 U B, Z	1.89 J Z	5.85 U B, Z	5.74 U B, Z	0.380 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.416 J Z	5.71 U B, Z	5.59 U B, Z	0.290 J Z	5.85 U B, Z	5.74 U B, Z	0.0974 J Z
1,2,3,6,7,8-HxCDD	ng/kg	1.25 J Z	5.71 U B, Z	5.59 U B, Z	0.663 J Z	5.85 U B, Z	2.14 J Z	0.165 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.412 J Z	5.71 U B, Z	5.59 U B, Z	5.62 U B, Z	5.85 U B, Z	5.74 U B, Z	5.65 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	3.62 J Z	5.71 U B, Z	5.59 U B, Z	2.19 J Z	5.85 U B, Z	7.59	0.598 J Z
1,2,3,4,7,8-HxCDF	ng/kg	3.51 J Z	5.71 U B, Z	5.59 U B, Z	1.09 J Z	5.85 U B, Z	2.22 J Z	0.629 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.90 U B, Z	5.71 U	5.59 U B, Z	5.62 U B, Z	5.85 U B, Z	5.74 U B, Z	5.65 U B, Z
Aroclor 1260	ug/kg	4.0 U	2.0 U	2.0 U	3.7	2.0 U	22	0.62 J S, Z
Aroclor 1254	ug/kg	75 J S	2.0 U	2.0 U	11	2.0 U	5.7	1.9 U
Aroclor 1268	ug/kg	11 J S	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U
Aroclor 1221	ug/kg	4.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U
Aroclor 5460	ug/kg	13 J S	3.9 U	3.8 U	1.9 J Z	3.9 U	20 J FD	3.8 U
Aroclor 1232	ug/kg	4.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U
Aroclor 5442	ug/kg	7.8 U	3.9 U	3.8 U	3.7 U	3.9 U	3.8 U	3.8 U
Aroclor 1248	ug/kg	4.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 UJ FD	1.9 U
Aroclor 1016	ug/kg	4.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U
Aroclor 1262	ug/kg	4.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U
Aroclor 1242	ug/kg	4.0 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U
Aroclor 5432	ug/kg	7.8 U	3.9 U	3.8 U	3.7 U	3.9 U	3.8 U	3.8 U

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J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-014-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5	SL-014-SA8N-SB-4.0-5.0 04/29/2011 DX078 4 5	SL-015-SA8N-SS-0.0-0.5 04/12/2011 DX069 0 0.5	SL-015-SA8N-SB-4.0-5.0 05/03/2011 DX079 4 5	SL-016-SA8N-SS-0.0-0.5 04/12/2011 DX069 0 0.5	SL-016-SA8N-SB-3.0-4.0 05/03/2011 DX079 3 4	SL-017-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.14 U B, Z	1.14 U	1.14 U B, Z	1.17 U	1.13 U	1.12 U	1.09 U
1,2,3,7,8,9-HxCDD	ng/kg	5.68 U B, Z	5.69 U	0.405 J Z	0.0622 J Z	0.986 J Z	0.167 J Z	0.459 J Z
OCDD	ng/kg	11.2 J Z	11.4 U B, Z	38	11.7 U B, Z	165	11.2 U B, Z	53.4
1,2,3,4,6,7,8-HpCDD	ng/kg	1.69 J Z	5.69 U B, Z	5.02 J Z	5.84 U B, Z	18.2	5.62 U B, Z	6.43
OCDF	ng/kg	11.4 U B, Z	11.4 U B, Z	6.95 J Z	11.7 U B, Z	13.9	11.2 U B, Z	2.89 J Z
1,2,3,4,7,8-HxCDD	ng/kg	5.68 U B, Z	5.69 U B, Z	0.120 J Z	5.84 U	0.277 J Z	5.62 U B, Z	0.181 J Z
1,2,3,7,8-PeCDD	ng/kg	5.68 U B, Z	5.69 U B, Z	0.158 J Z	5.84 U	0.264 J Z	0.0649 J Z	5.45 U B, Z
2,3,7,8-TCDF	ng/kg	1.14 U B, Z	1.14 U	0.229 J Z	1.17 U	3.76 Z	1.12 U	0.588 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.68 U B, Z	5.69 U B, Z	5.71 U B, Z	5.84 U B, Z	0.455 J Z	5.62 U B, Z	5.45 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.68 U B, Z	5.69 U B, Z	0.537 J Z	5.84 U B, Z	1.62 J Z	5.62 U B, Z	1.13 J Z
1,2,3,7,8-PeCDF	ng/kg	5.68 U B, Z	5.69 U	1.83 J Z	5.84 U B, Z	11.5	5.62 U B, Z	0.235 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.68 U B, Z	0.0340 J Z	0.233 J Z	5.84 U B, Z	0.904 J Z	5.62 U B, Z	0.346 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.68 U B, Z	5.69 U B, Z	0.349 J Z	5.84 U B, Z	1.75 J Z	5.62 U B, Z	0.615 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.68 U B, Z	5.69 U B, Z	5.71 U B, Z	5.84 U B, Z	0.648 J Z	5.62 U B, Z	0.473 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.68 U B, Z	5.69 U B, Z	1.65 J Z	5.84 U B, Z	5.02 J Z	5.62 U B, Z	1.45 J Z
1,2,3,4,7,8-HxCDF	ng/kg	5.68 U B, Z	5.69 U B, Z	0.818 J Z	5.84 U B, Z	3.60 J Z	5.62 U B, Z	0.956 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.68 U B, Z	5.69 U B, Z	5.71 U B, Z	5.84 U	0.567 J Z	5.62 U B, Z	5.45 U B, Z
Aroclor 1260	ug/kg	0.56 J Z	1.9 U	3.9	2.0 U	20	1.9 U	3.7
Aroclor 1254	ug/kg	2.0 U	1.9 U	11	2.0 U	68	1.9 U	6.5
Aroclor 1268	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	9.7 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	9.7 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	3.8 U	3.8 U	2.5 J Z	3.9 U	19 U	3.8 U	9.6
Aroclor 1232	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	9.7 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	3.8 U	3.8 U	3.9 U	3.9 U	19 U	3.8 U	3.7 U
Aroclor 1248	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	9.7 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	9.7 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	9.7 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	9.7 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	3.8 U	3.8 U	3.9 U	3.9 U	19 U	3.8 U	3.7 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-017-SA8N-SB-4.0-5.0 04/29/2011 DX078 4 5	SL-017-SA8N-SB-7.0-8.0 04/29/2011 DX078 7 8	SL-018-SA8N-SS-0.0-0.5 04/12/2011 DX069 0 0.5	SL-018-SA8N-SB-4.0-5.0 05/03/2011 DX079 4 5	SL-019-SA8N-SS-0.0-0.5 04/12/2011 DX069 0 0.5	SL-019-SA8N-SB-4.0-5.0 05/03/2011 DX079 4 5	SL-020-SA8N-SS-0.0-0.5 04/12/2011 DX069 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.08 U	1.13 U	1.15 U	1.12 UJ FD	1.17 U B, Z	1.15 U	1.15 U B, Z
1,2,3,7,8,9-HxCDD	ng/kg	5.38 U B, Z	5.65 U	0.545 J Z	0.0775 J Z	0.745 J Z	0.169 J Z	0.646 J Z
OCDD	ng/kg	2.29 J Z	11.3 U B, Z	140	11.2 U B, Z	113	11.5 U B, Z	109
1,2,3,4,6,7,8-HpCDD	ng/kg	5.38 U B, Z	5.65 U B, Z	12.8	5.60 U B, Z	13	5.73 U B, Z	12.9
OCDF	ng/kg	10.8 U B, Z	11.3 U B, Z	6.40 J Z	11.2 U B, Z	12.1	11.5 U B, Z	11.6
1,2,3,4,7,8-HxCDD	ng/kg	5.38 U	5.65 U	0.137 J Z	5.60 UJ B, FD, Z	0.291 J Z	5.73 U B, Z	0.186 J Z
1,2,3,7,8-PeCDD	ng/kg	5.38 U	5.65 U	5.77 U B, Z	0.0338 J FD, Z	0.167 J Z	5.73 U	5.73 U B, Z
2,3,7,8-TCDF	ng/kg	1.08 U	1.13 U	0.913 J Z	1.12 UJ FD	2/7/2012	1.15 U	2/2/2012
1,2,3,4,7,8,9-HpCDF	ng/kg	5.38 U B, Z	5.65 U B, Z	5.77 U B, Z	5.60 U B, Z	5.85 U B, Z	5.73 U B, Z	0.385 J Z
2,3,4,7,8-PeCDF	ng/kg	5.38 U B, Z	5.65 U B, Z	0.614 J Z	5.60 UJ B, FD, Z	1.09 J Z	5.73 U B, Z	1.14 J Z
1,2,3,7,8-PeCDF	ng/kg	5.38 U B, Z	5.65 U B, Z	2.32 J Z	5.60 UJ B, FD, Z	5.83 J Z	5.73 U B, Z	5.14 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.0214 J Z	0.0293 J Z	0.296 J Z	5.60 UJ B, FD, Z	0.586 J Z	5.73 U B, Z	0.467 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.38 U B, Z	5.65 U	0.687 J Z	5.60 UJ B, FD, Z	1.22 J Z	5.73 U B, Z	1.02 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.38 U B, Z	5.65 U B, Z	5.77 U B, Z	5.60 U B, Z	0.373 J Z	5.73 U B, Z	0.310 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.38 U B, Z	5.65 U B, Z	2.35 J Z	5.60 U B, Z	3.88 J Z	5.73 U B, Z	3.67 J Z
1,2,3,4,7,8-HxCDF	ng/kg	5.38 U B, Z	5.65 U B, Z	1.16 J Z	5.60 UJ B, FD, Z	2.49 J Z	5.73 U B, Z	1.83 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.38 U B, Z	5.65 U B, Z	5.77 U B, Z	5.60 U B, Z	5.85 U B, Z	5.73 U B, Z	5.73 U B, Z
Aroclor 1260	ug/kg	1.9 U	0.72 J S, Z	4.3	1.9 U	11	2.0 U	7.9
Aroclor 1254	ug/kg	1.9 U	1.2 J S, Z	16	1.9 U	36	2.0 U	33
Aroclor 1268	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	10 U	2.0 U	3.9 U
Aroclor 1221	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	10 U	2.0 U	3.9 U
Aroclor 5460	ug/kg	3.7 U	3.9 U	2.2 J Z	3.7 U	20 U	3.8 U	7.6 U
Aroclor 1232	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	10 U	2.0 U	3.9 U
Aroclor 5442	ug/kg	3.7 U	3.9 U	3.9 U	3.7 U	20 U	3.8 U	7.6 U
Aroclor 1248	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	10 U	2.0 U	3.9 U
Aroclor 1016	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	10 U	2.0 U	3.9 U
Aroclor 1262	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	10 U	2.0 U	3.9 U
Aroclor 1242	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	10 U	2.0 U	3.9 U
Aroclor 5432	ug/kg	3.7 U	3.9 U	3.9 U	3.7 U	20 U	3.8 U	7.6 U

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J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-020-SA8N-SB-4.0-5.0 05/03/2011 DX079 4 5	SL-020-SA8N-SB-9.0-10.0 05/03/2011 DX079 9 10	SL-021-SA8N-SS-0.0-0.5 04/12/2011 DX069 0 0.5	SL-021-SA8N-SB-4.0-5.0 05/04/2011 DX076 4 5	SL-021-SA8N-SB-9.0-10.0 05/04/2011 DX076 9 10	SL-022-SA8N-SS-0.0-0.5 04/12/2011 DX069 0 0.5	SL-022-SA8N-SB-4.0-5.0 05/02/2011 DX077 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.111 J Z	0.118 J Z	1.09 U	1.15 U	0.0408 J Z	1.15 U B, Z	1.11 U
1,2,3,7,8,9-HxCDD	ng/kg	0.248 J Z	0.105 J Z	0.509 J Z	0.157 J Z	0.527 J Z	0.775 J Z	0.163 J Z
OCDD	ng/kg	3.82 J Z	5.88 J Z	149	11.5 U B, Z	33.6	225	11.1 U B, Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.85 U B, Z	6.09 U B, Z	14.9	5.73 U B, Z	3.39 J Z	18.6	5.56 U B, Z
OCDF	ng/kg	11.7 U B, Z	1.09 J Z	11.5	11.5 U B, Z	1.59 J Z	15.7	11.1 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	5.85 U B, Z	6.09 U B, Z	0.159 J Z	5.73 U B, Z	0.253 J Z	0.369 J Z	5.56 U
1,2,3,7,8-PeCDD	ng/kg	0.215 J Z	0.244 J Z	0.139 J Z	0.108 J Z	0.355 J Z	0.237 J Z	5.56 U B, Z
2,3,7,8-TCDF	ng/kg	1.17 U	0.124 J Z	1.00 J Z	0.0475 J Z	1.15 U	1.32 Z	1.11 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.85 U B, Z	6.09 U B, Z	5.44 U B, Z	5.73 U B, Z	0.614 J Z	0.412 J Z	5.56 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.85 U B, Z	6.09 U B, Z	0.564 J Z	5.73 U B, Z	5.75 U B, Z	0.699 J Z	5.56 U B, Z
1,2,3,7,8-PeCDF	ng/kg	0.341 J Z	0.484 J Z	1.46 J Z	5.73 U B, Z	0.399 J Z	2.59 J Z	5.56 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.85 U B, Z	6.09 U B, Z	0.234 J Z	5.73 U B, Z	0.384 J Z	0.390 J Z	5.56 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	5.85 U B, Z	6.09 U B, Z	0.829 J Z	5.73 U B, Z	0.349 J Z	0.973 J Z	5.56 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	5.85 U B, Z	6.09 U B, Z	0.296 J Z	5.73 U B, Z	5.75 U B, Z	0.365 J Z	5.56 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.85 U B, Z	6.09 U B, Z	3.56 J Z	5.73 U B, Z	1.12 J Z	5.13 J Z	5.56 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	5.85 U B, Z	0.306 J Z	1.31 J Z	5.73 U B, Z	0.432 J Z	1.72 J Z	5.56 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	5.85 U B, Z	6.09 U B, Z	5.44 U B, Z	5.73 U B, Z	0.887 J Z	5.74 U B, Z	5.56 U B, Z
Aroclor 1260	ug/kg	2.0 U	2.1 U	6.1	2.0 U	2.0 U	11	2.0 U
Aroclor 1254	ug/kg	2.0 U	2.1 U	24	2.0 U	2.0 U	28	2.0 U
Aroclor 1268	ug/kg	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U	4.0 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U	4.0 U	2.0 U
Aroclor 5460	ug/kg	3.8 U	4.0 U	3.7 U	3.8 U	3.9 U	3.7 J Z	3.8 U
Aroclor 1232	ug/kg	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U	4.0 U	2.0 U
Aroclor 5442	ug/kg	3.8 U	4.0 U	3.7 U	3.8 U	3.9 U	7.7 U	3.8 U
Aroclor 1248	ug/kg	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U	4.0 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U	4.0 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U	4.0 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U	4.0 U	2.0 U
Aroclor 5432	ug/kg	3.8 U	4.0 U	3.7 U	3.8 U	3.9 U	7.7 U	3.8 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-022-SA8N-SB-9.0-10.0 05/02/2011 DX077 9 10	SL-023-SA8N-SS-0.0-0.5 04/12/2011 DX069 0 0.5	SL-023-SA8N-SB-4.0-5.0 05/02/2011 DX077 4 5	SL-023-SA8N-SB-9.0-10.0 05/02/2011 DX077 9 10	SL-027-SA8N-SS-0.0-0.5 04/13/2011 DX070 0 0.5	SL-027-SA8N-SB-4.0-5.0 04/26/2011 DX073 4 5	SL-027-SA8N-SB-9.0-10.0 04/26/2011 DX073 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.17 U	1.16 U B, Z	1.18 U B, Z	1.18 U B, Z	0.434 J Z	1.15 U B, Z	1.14 U
1,2,3,7,8,9-HxCDD	ng/kg	5.85 U B, Z	1.82 J Z	0.224 J Z	5.90 U B, Z	2.45 J Z	5.74 U B, Z	5.69 U B, Z
OCDD	ng/kg	3.07 J Z	681	11.8 U B, Z	29.5	866 J Q	11.5 U B, Z	16.2
1,2,3,4,6,7,8-HpCDD	ng/kg	5.85 U B, Z	74.2	5.89 U B, Z	3.65 J Z	104	5.74 U B, Z	1.27 J Z
OCDF	ng/kg	11.7 U B, Z	19.7	11.8 U B, Z	11.8 U B, Z	72.7 J FD	11.5 U B, Z	11.4 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	5.85 U B, Z	0.916 J Z	5.89 U B, Z	0.0923 J Z	0.989 J Z	5.74 U B, Z	5.69 U B, Z
1,2,3,7,8-PeCDD	ng/kg	5.85 U B, Z	0.531 J Z	5.89 U B, Z	5.90 U B, Z	1.27 J Z	5.74 U B, Z	5.69 U B, Z
2,3,7,8-TCDF	ng/kg	1.17 U	0.797 J Z	0.0180 J Z	1.18 U	1.43 Z	1.15 U	0.0188 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.85 U B, Z	0.647 J Z	5.89 U B, Z	5.90 U B, Z	1.65 J FD, Z	5.74 U B, Z	5.69 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.85 U B, Z	0.815 J Z	5.89 U B, Z	5.90 U B, Z	0.993 J Z	5.74 U B, Z	5.69 U B, Z
1,2,3,7,8-PeCDF	ng/kg	5.85 U B, Z	1.05 J Z	5.89 U B, Z	5.90 U B, Z	0.493 J FD, Z	5.74 U B, Z	5.69 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.85 U B, Z	0.723 J Z	5.89 U B, Z	5.90 U B, Z	1.09 J Z	5.74 U B, Z	5.69 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	5.85 U B, Z	3.07 J Z	5.89 U B, Z	0.211 J Z	4.59 J Z	5.74 U B, Z	5.69 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	5.85 U B, Z	0.911 J Z	5.89 U B, Z	5.90 U B, Z	0.966 J Z	5.74 U B, Z	5.69 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.85 U B, Z	9.37	5.89 U B, Z	5.90 U B, Z	24.4 J FD	5.74 U B, Z	5.69 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	5.85 U B, Z	1.25 J Z	5.89 U B, Z	5.90 U B, Z	2.17 J Z	5.74 U B, Z	5.69 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	5.85 U B, Z	0.553 J Z	5.89 U B, Z	5.90 U B, Z	5.77 U B, Z	5.74 U B, Z	5.69 U B, Z
Aroclor 1260	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	100 U	2.0 U	1.9 U
Aroclor 1254	ug/kg	2.0 U	1.8 J Z	2.0 U	2.0 U	100 U	2.0 U	1.9 U
Aroclor 1268	ug/kg	2.0 U	0.61 J Z	2.0 U	2.0 U	100 U	2.0 U	1.9 U
Aroclor 1221	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	100 U	2.0 U	1.9 U
Aroclor 5460	ug/kg	3.9 U	3.9 UJ C	3.9 U	4.0 U	190 U	3.8 U	3.8 U
Aroclor 1232	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	100 U	2.0 U	1.9 U
Aroclor 5442	ug/kg	3.9 U	3.9 U	3.9 U	4.0 U	190 U	3.8 U	3.8 U
Aroclor 1248	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	100 U	2.0 U	1.9 U
Aroclor 1016	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	100 U	2.0 U	1.9 U
Aroclor 1262	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	100 U	2.0 U	1.9 U
Aroclor 1242	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	100 U	2.0 U	1.9 U
Aroclor 5432	ug/kg	3.9 U	3.9 U	3.9 U	4.0 U	190 U	3.8 U	3.8 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-028-SA8N-SS-0.0-0.5 04/13/2011 DX070 0 0.5	SL-028-SA8N-SB-4.0-5.0 04/26/2011 DX073 4 5	SL-028-SA8N-SB-9.0-10.0 04/26/2011 DX073 9 10	SL-032-SA8N-SS-0.0-0.5 04/13/2011 DX070 0 0.5	SL-032-SA8N-SB-4.0-5.0 04/27/2011 DX073 4 5	SL-032-SA8N-SB-9.0-10.0 04/27/2011 DX073 9 10	SL-036-SA8N-SS-0.0-0.5 04/12/2011 DX069 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	3.11	1.16 U	1.10 U B, Z	0.448 J Z	1.18 U B, Z	1.19 U B, Z	0.0397 J Z
1,2,3,7,8,9-HxCDD	ng/kg	14.5	5.80 U B, Z	5.51 U B, Z	8.29	5.91 U B, Z	0.243 J Z	0.480 J Z
OCDD	ng/kg	5190 J *#	11.6 U B, Z	11.0 U B, Z	3680	22.9	67.8	111
1,2,3,4,6,7,8-HpCDD	ng/kg	465	5.80 U B, Z	5.51 U B, Z	636	3.10 J Z	9.77	12.8
OCDF	ng/kg	64.8	11.6 U B, Z	11.0 U B, Z	75.9	1.21 J Z	3.30 J Z	5.47 J Z
1,2,3,4,7,8-HxCDD	ng/kg	5.22 J Z	5.80 U B, Z	5.51 U B, Z	3.11 J Z	5.91 U B, Z	0.149 J Z	0.226 J Z
1,2,3,7,8-PeCDD	ng/kg	7.19	5.80 U B, Z	5.51 U B, Z	2.09 J Z	5.91 U B, Z	5.97 U B, Z	0.179 J Z
2,3,7,8-TCDF	ng/kg	2.45 Z	0.0203 J Z	0.0244 J Z	0.963 J Z	0.0172 J Z	0.0386 J Z	0.316 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	2.36 J Z	5.80 U B, Z	5.51 U B, Z	3.08 J Z	5.91 U B, Z	5.97 U B, Z	5.93 U B, Z
2,3,4,7,8-PeCDF	ng/kg	3.43 J Z	5.80 U B, Z	5.51 U B, Z	1.16 J Z	5.91 U B, Z	5.97 U B, Z	0.475 J Z
1,2,3,7,8-PeCDF	ng/kg	2.68 J Z	5.80 U B, Z	5.51 U B, Z	1.98 J Z	5.91 U B, Z	0.323 J Z	0.162 J Z
1,2,3,6,7,8-HxCDF	ng/kg	2.95 J Z	5.80 U B, Z	5.51 U B, Z	1.88 J Z	5.91 U B, Z	5.97 U B, Z	0.212 J Z
1,2,3,6,7,8-HxCDD	ng/kg	17	5.80 U B, Z	5.51 U B, Z	17.7	5.91 U B, Z	0.487 J Z	0.739 J Z
2,3,4,6,7,8-HxCDF	ng/kg	2.59 J Z	5.80 U B, Z	5.51 U B, Z	2.35 J Z	5.91 U B, Z	5.97 U B, Z	5.93 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	26.9	5.80 U B, Z	5.51 U B, Z	32.8	0.539 J Z	1.37 J Z	2.64 J Z
1,2,3,4,7,8-HxCDF	ng/kg	4.62 J Z	5.80 U B, Z	5.51 U B, Z	1.90 J Z	5.91 U B, Z	5.97 U B, Z	0.418 J Z
1,2,3,7,8,9-HxCDF	ng/kg	1.34 J Z	5.80 U B, Z	5.51 U B, Z	0.625 J Z	5.91 U B, Z	5.97 U B, Z	5.93 U B, Z
Aroclor 1260	ug/kg	2100 U	2.0 U	1.9 U	180 U	2.0 U	2.0 U	1.1 J Z
Aroclor 1254	ug/kg	2100 U	2.0 U	1.9 U	180 U	2.0 U	2.0 U	1.5 J Z, *#
Aroclor 1268	ug/kg	2100 U	2.0 U	1.9 U	180 U	2.0 U	2.0 U	2.1 U
Aroclor 1221	ug/kg	2100 U	2.0 U	1.9 U	180 U	2.0 U	2.0 U	2.1 U
Aroclor 5460	ug/kg	4000 U	3.9 U	3.7 U	360 U	3.9 U	4.0 U	3.6 J Z, C
Aroclor 1232	ug/kg	2100 U	2.0 U	1.9 U	180 U	2.0 U	2.0 U	2.1 U
Aroclor 5442	ug/kg	4000 U	3.9 U	3.7 U	360 U	3.9 U	4.0 U	4.0 U
Aroclor 1248	ug/kg	2100 U	2.0 U	1.9 U	180 U	2.0 U	2.0 U	2.1 U
Aroclor 1016	ug/kg	2100 U	2.0 U	1.9 U	180 U	2.0 U	2.0 U	2.1 U
Aroclor 1262	ug/kg	2100 U	2.0 U	1.9 U	180 U	2.0 U	2.0 U	2.1 U
Aroclor 1242	ug/kg	2100 U	2.0 U	1.9 U	180 U	2.0 U	2.0 U	2.1 U
Aroclor 5432	ug/kg	4000 U	3.9 U	3.7 U	360 U	3.9 U	4.0 U	4.0 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-036-SA8N-SB-4.0-5.0 04/25/2011 DX073 4 5	SL-036-SA8N-SB-9.0-10.0 04/25/2011 DX073 9 10	SL-040-SA8N-SS-0.0-0.5 04/14/2011 DX071 0 0.5	SL-040-SA8N-SB-4.0-5.0 04/29/2011 DX078 4 5	SL-040-SA8N-SB-9.0-10.0 04/29/2011 DX078 9 10	SL-041-SA8N-SB-4.0-5.0 04/28/2011 DX074 4 5	SL-041-SA8N-SB-9.0-10.0 04/28/2011 DX074 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.17 U B, Z	1.22 U	0.0349 J Z	1.19 UJ B, FD, Z	1.21 U B, Z	1.18 U	1.15 U B, Z
1,2,3,7,8,9-HxCDD	ng/kg	5.85 U B, Z	6.10 U B, Z	0.769 J Z	0.303 J Z	6.05 U B, Z	0.272 J Z	5.75 U B, Z
OCDD	ng/kg	11.7 U B, Z	12.2 U B, Z	220	2.43 J Z	3.80 J Z	11.8 U B, Z	11.5 U B, Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.85 U B, Z	6.10 U B, Z	20.7	5.94 U B, Z	6.05 U B, Z	5.89 U B, Z	5.75 U B, Z
OCDF	ng/kg	11.7 U B, Z	12.2 U B, Z	7.48 J Z	11.9 U B, Z	12.1 U B, Z	11.8 U B, Z	11.5 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	5.85 U B, Z	6.10 U B, Z	0.183 J Z	0.138 J FD, Z	0.178 J Z	5.89 U B, Z	5.75 U B, Z
1,2,3,7,8-PeCDD	ng/kg	5.85 U B, Z	6.10 U B, Z	0.157 J Z	0.269 J FD, Z	0.328 J Z	5.89 U B, Z	5.75 U B, Z
2,3,7,8-TCDF	ng/kg	1.17 U	1.22 U	0.109 J Z	1.19 UJ B, FD, Z	1.21 U B, Z	1.18 U	0.0267 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.85 U B, Z	6.10 U B, Z	0.264 J Z	5.94 UJ B, FD, Z	6.05 U B, Z	5.89 U B, Z	5.75 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.85 U B, Z	6.10 U B, Z	0.624 J Z	5.94 UJ B, FD, Z	6.05 U B, Z	5.89 U B, Z	5.75 U B, Z
1,2,3,7,8-PeCDF	ng/kg	5.85 U B, Z	6.10 U B, Z	0.374 J Z	0.299 J FD, Z	0.351 J Z	5.89 U B, Z	5.75 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.85 U B, Z	6.10 U B, Z	0.279 J Z	0.196 J FD, Z	0.207 J Z	5.89 U B, Z	5.75 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	5.85 U B, Z	6.10 U B, Z	1.03 J Z	0.180 J FD, Z	0.157 J Z	5.89 U B, Z	5.75 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	5.85 U B, Z	6.10 U B, Z	0.379 J Z	5.94 UJ B, FD, Z	6.05 U B, Z	5.89 U B, Z	5.75 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.85 U B, Z	6.10 U B, Z	2.67 J Z	5.94 UJ B, FD, Z	6.05 U B, Z	5.89 U B, Z	5.75 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	5.85 U B, Z	6.10 U B, Z	5.38 U B, Z	5.94 UJ B, FD, Z	6.05 U B, Z	5.89 U B, Z	5.75 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	5.85 U B, Z	6.10 U B, Z	0.442 J Z	0.457 J Z	6.05 U B, Z	5.89 U B, Z	5.75 U B, Z
Aroclor 1260	ug/kg	2.0 U	2.1 U	0.65 J Z	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 1254	ug/kg	2.0 U	2.1 U	1.3 J Z	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 1268	ug/kg	2.0 U	2.1 U	1.8 U	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	2.1 U	1.8 U	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	3.9 U	4.1 U	3.6 U	4.0 U	4.0 U	3.9 U	3.9 U
Aroclor 1232	ug/kg	2.0 U	2.1 U	1.8 U	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	3.9 U	4.1 U	3.6 U	4.0 U	4.0 U	3.9 U	3.9 U
Aroclor 1248	ug/kg	2.0 U	2.1 U	1.8 U	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	2.1 U	1.8 U	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	2.1 U	1.8 U	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	2.1 U	1.8 U	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	3.9 U	4.1 U	3.6 U	4.0 U	4.0 U	3.9 U	3.9 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-046-SA8N-SS-0.0-0.5 04/13/2011 DX070 0 0.5	SL-047-SA8N-SS-0.0-0.5 04/12/2011 DX069 0 0.5	SL-048-SA8N-SS-0.0-0.5 04/12/2011 DX069 0 0.5	SL-049-SA8N-SS-0.0-0.5 04/11/2011 DX068 0 0.5	SL-049-SA8N-SB-4.0-5.0 04/29/2011 DX078 4 5	SL-049-SA8N-SB-8.0-9.0 04/29/2011 DX078 8 9	SL-050-SA8N-SS-0.0-0.5 04/12/2011 DX069 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0715 J Z	1.17 U	1.26 U	1.07 U	1.12 U B, Z	1.16 U B, Z	1.17 U
1,2,3,7,8,9-HxCDD	ng/kg	1.01 J Z	0.374 J Z	0.370 J Z	0.176 J Z	5.58 U B, Z	5.80 U B, Z	0.329 J Z
OCDD	ng/kg	284	132	42	32	11.2 U B, Z	11.6 U B, Z	56
1,2,3,4,6,7,8-HpCDD	ng/kg	32.9	14.5	4.14 J Z	3.03 J Z	5.58 U B, Z	5.80 U B, Z	6.63
OCDF	ng/kg	19.4	10.2 J Z	7.83 J Z	2.30 J Z	11.2 U B, Z	11.6 U B, Z	6.61 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.458 J Z	0.151 J Z	6.29 U B, Z	0.108 J Z	5.58 U B, Z	5.80 U B, Z	0.118 J Z
1,2,3,7,8-PeCDD	ng/kg	0.342 J Z	0.101 J Z	0.0929 J Z	5.36 U B, Z	5.58 U B, Z	5.80 U B, Z	5.84 U B, Z
2,3,7,8-TCDF	ng/kg	0.233 J Z	0.658 J Z	0.669 J Z	0.216 J Z	1.12 U B, Z	1.16 U B, Z	0.499 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	0.499 J Z	5.83 U B, Z	6.29 U B, Z	5.36 U B, Z	5.58 U B, Z	5.80 U B, Z	5.84 U B, Z
2,3,4,7,8-PeCDF	ng/kg	0.500 J Z	0.552 J Z	0.431 J Z	5.36 U B, Z	5.58 U B, Z	5.80 U B, Z	0.404 J Z
1,2,3,7,8-PeCDF	ng/kg	0.628 J Z	0.145 J Z	0.378 J Z	5.36 U	5.58 U B, Z	5.80 U B, Z	0.727 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.454 J Z	5.83 U B, Z	6.29 U B, Z	5.36 U B, Z	0.0713 J Z	0.0484 J Z	5.84 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	1.14 J Z	0.485 J Z	0.351 J Z	5.36 U B, Z	5.58 U B, Z	5.80 U B, Z	0.391 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.561 J Z	5.83 U B, Z	6.29 U B, Z	5.36 U B, Z	5.58 U B, Z	5.80 U B, Z	5.84 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	8.55	2.85 J Z	1.77 J Z	5.36 U B, Z	5.58 U B, Z	5.80 U B, Z	1.83 J Z
1,2,3,4,7,8-HxCDF	ng/kg	0.623 J Z	1.04 J Z	0.718 J Z	0.527 J Z	5.58 U B, Z	5.80 U B, Z	0.684 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.285 J Z	5.83 U B, Z	6.29 U B, Z	5.36 U B, Z	5.58 U B, Z	5.80 U B, Z	5.84 U B, Z
Aroclor 1260	ug/kg	1.5 J Z	3.2	2.2 U	0.99 J Z	1.9 U	2.0 U	1.7 J Z
Aroclor 1254	ug/kg	1.8 J Z	13	1.1 J Z	1.7 J Z	1.9 U	2.0 U	3.2
Aroclor 1268	ug/kg	1.9 U	2.0 U	2.2 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 1221	ug/kg	1.9 U	2.0 U	2.2 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 5460	ug/kg	2.2 J Z	1.6 J Z, C	4.2 UJ C	3.7 U	3.7 U	3.9 U	2.7 J Z, C
Aroclor 1232	ug/kg	1.9 U	2.0 U	2.2 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 5442	ug/kg	3.6 U	3.9 U	4.2 U	3.7 U	3.7 U	3.9 U	4.0 U
Aroclor 1248	ug/kg	1.9 U	2.0 U	2.2 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 1016	ug/kg	1.9 U	2.0 U	2.2 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 1262	ug/kg	1.9 U	2.0 U	2.2 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 1242	ug/kg	1.9 U	2.0 U	2.2 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 5432	ug/kg	3.6 U	3.9 U	4.2 U	3.7 U	3.7 U	3.9 U	4.0 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-050-SA8N-SB-4.0-5.0 05/02/2011 DX077 4 5	SL-050-SA8N-SB-9.0-10.0 05/02/2011 DX077 9 10	SL-051-SA8N-SB-7.5-8.5 06/17/2011 DX103 7.5 8.5	SL-056-SA8N-SS-0.0-0.5 04/18/2011 DX070 0 0.5	SL-056-SA8N-SB-4.0-5.0 05/05/2011 DX079 4 5	SL-056-SA8N-SB-7.0-8.0 05/05/2011 DX079 7 8	SL-057-SA8N-SS-0.0-0.5 04/18/2011 DX070 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.14 U B, Z	1.18 U B, Z	0.0618 J Z	1.16 U B, Z	1.14 U	1.06 U	1.11 U B, Z
1,2,3,7,8,9-HxCDD	ng/kg	0.261 J Z	5.90 U B, Z	0.812 J Z	0.280 J Z	0.395 J Z	0.0394 J Z	5.57 U B, Z
OCDD	ng/kg	11.4 U B, Z	11.8 U B, Z	264	82.5	2.06 J Z	10.6 U B, Z	15.7
1,2,3,4,6,7,8-HpCDD	ng/kg	5.72 U B, Z	5.90 U B, Z	12.1	5.67 J Z	5.71 U B, Z	5.32 U B, Z	1.24 J Z
OCDF	ng/kg	11.4 U B, Z	11.8 U B, Z	8.55 J Z	14.1	11.4 U B, Z	10.6 U B, Z	6.38 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.0825 J Z	5.90 U B, Z	0.170 J Z	5.79 U B, Z	5.71 U	5.32 U B, Z	5.57 U B, Z
1,2,3,7,8-PeCDD	ng/kg	5.72 U B, Z	5.90 U B, Z	0.317 J Z	5.79 U B, Z	0.0647 J Z	0.0348 J Z	5.57 U B, Z
2,3,7,8-TCDF	ng/kg	0.0521 J Z	0.0575 J Z	1/16/2012	0.335 J Z	1.14 U	1.06 U	0.133 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.72 U B, Z	5.90 U B, Z	0.404 J Z	5.79 U B, Z	5.71 U B, Z	5.32 U B, Z	5.57 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.72 U B, Z	5.90 U B, Z	0.950 J Z	0.383 J Z	5.71 U B, Z	5.32 U B, Z	5.57 U B, Z
1,2,3,7,8-PeCDF	ng/kg	0.222 J Z	0.214 J Z	0.610 J Z	1.60 J Z	5.71 U B, Z	5.32 U B, Z	1.18 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.72 U B, Z	5.90 U B, Z	0.441 J Z	0.209 J Z	5.71 U B, Z	5.32 U B, Z	5.57 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	0.192 J Z	5.90 U B, Z	1.14 J Z	0.335 J Z	5.71 U B, Z	5.32 U B, Z	5.57 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	5.72 U B, Z	5.90 U B, Z	5.32 U B	5.79 U B, Z	5.71 U B, Z	5.32 U B, Z	5.57 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.72 U B, Z	5.90 U B, Z	4.15 J Z	2.67 J Z	5.71 U B, Z	5.32 U B, Z	1.12 J Z
1,2,3,4,7,8-HxCDF	ng/kg	5.72 U B, Z	5.90 U B, Z	0.770 J Z	0.487 J Z	5.71 U B, Z	5.32 U B, Z	0.388 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.72 U B, Z	5.90 U B, Z	0.718 J Z	5.79 U B, Z	0.437 J Z	5.32 U B, Z	5.57 U B, Z
Aroclor 1260	ug/kg	2.0 U	2.0 U	4.2	2.0 U	9.7 U	1.8 U	1.9 U
Aroclor 1254	ug/kg	2.0 U	2.0 U	16	3.3 J *#	37	1.8 U	4.3
Aroclor 1268	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	9.7 U	1.8 U	1.9 U
Aroclor 1221	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	9.7 U	1.8 U	1.9 U
Aroclor 5460	ug/kg	3.9 U	3.9 U	3.6 U	2.7 J Z	19 U	3.5 U	3.7 U
Aroclor 1232	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	9.7 U	1.8 U	1.9 U
Aroclor 5442	ug/kg	3.9 U	3.9 U	3.6 U	3.8 U	19 U	3.5 U	3.7 U
Aroclor 1248	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	9.7 U	1.8 U	1.9 U
Aroclor 1016	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	9.7 U	1.8 U	1.9 U
Aroclor 1262	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	9.7 U	1.8 U	1.9 U
Aroclor 1242	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	9.7 U	1.8 U	1.9 U
Aroclor 5432	ug/kg	3.9 U	3.9 U	3.6 U	3.8 UJ C	19 U	3.5 U	3.7 UJ C

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Sample Name Sample Date SDG Start Depth End Depth		SL-057-SA8N-SB-4.0-5.0 05/05/2011 DX079 4 5	SL-057-SA8N-SB-7.0-8.0 05/05/2011 DX079 7 8	SL-062-SA8N-SS-0.0-0.5 04/15/2011 DX072 0 0.5	SL-062-SA8N-SB-4.0-5.0 05/05/2011 DX079 4 5	SL-067-SA8N-SS-0.0-0.5 04/15/2011 DX072 0 0.5	SL-067-SA8N-SB-4.0-5.0 05/04/2011 DX076 4 5	SL-071-SA8N-SS-0.0-0.5 04/18/2011 DX070 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0423 J Z	0.0501 J Z	1.13 U	0.0395 J Z	1.20 U	1.19 U	1.17 U B, Z
1,2,3,7,8,9-HxCDD	ng/kg	0.0589 J Z	0.0355 J Z	5.67 U B, Z	0.0610 J Z	5.98 U B, Z	0.0996 J Z	1.24 J Z
OCDD	ng/kg	11.5 U B, Z	10.9 U B, Z	17.7	3.94 J Z	48.2	4.13 J Z	26.5
1,2,3,4,6,7,8-HpCDD	ng/kg	5.77 U B, Z	5.44 U B, Z	1.56 J Z	5.74 U B, Z	4.73 J Z	5.96 U B, Z	3.76 J Z
OCDF	ng/kg	11.5 U B, Z	10.9 U B, Z	6.87 J Z	11.5 U B, Z	9.02 J Z	11.9 U B, Z	1.93 J Z
1,2,3,4,7,8-HxCDD	ng/kg	5.77 U B, Z	5.44 U	5.67 U B, Z	5.74 U B, Z	5.98 U B, Z	5.96 U	5.84 U B, Z
1,2,3,7,8-PeCDD	ng/kg	0.168 J Z	0.131 J Z	5.67 U B, Z	0.0525 J Z	5.98 U B, Z	5.96 U	5.84 U B, Z
2,3,7,8-TCDF	ng/kg	1.15 U	0.0728 J Z	0.120 J Z	1.15 U	0.198 J Z	1.19 U	0.436 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.77 U B, Z	5.44 U B, Z	5.67 U B, Z	5.74 U B, Z	5.98 U B, Z	5.96 U B, Z	5.84 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.77 U B, Z	5.44 U B, Z	5.67 U B, Z	5.74 U B, Z	5.98 U B, Z	0.520 J Z	0.813 J Z
1,2,3,7,8-PeCDF	ng/kg	0.254 J Z	5.44 U B, Z	0.331 J Z	5.74 U B, Z	0.621 J Z	1.49 J Z	0.950 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.77 U B, Z	5.44 U B, Z	5.67 U B, Z	5.74 U B, Z	5.98 U B, Z	5.96 U B, Z	0.298 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.77 U B, Z	5.44 U B, Z	5.67 U B, Z	5.74 U B, Z	0.253 J Z	5.96 U B, Z	0.872 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.77 U B, Z	5.44 U B, Z	5.67 U B, Z	5.74 U B, Z	5.98 U B, Z	5.96 U B, Z	0.326 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.77 U B, Z	5.44 U B, Z	1.60 J Z	5.74 U B, Z	2.01 J Z	5.96 U B, Z	1.10 J Z
1,2,3,4,7,8-HxCDF	ng/kg	5.77 U B, Z	5.44 U B, Z	0.445 J Z	0.390 J Z	0.584 J Z	0.457 J Z	0.342 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.77 U B, Z	5.44 U B, Z	5.67 U B, Z	5.74 U	5.98 U B, Z	5.96 U B, Z	5.84 U B, Z
Aroclor 1260	ug/kg	2.0 U	1.9 U	9.6 U	2.0 U	0.58 J Z	2.0 U	1.6 J Z
Aroclor 1254	ug/kg	0.93 J Z	1.9 U	2.5 J Z	2.2	1.4 J Z	5.1	2.4
Aroclor 1268	ug/kg	2.0 U	1.9 U	9.6 U	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	1.9 U	9.6 U	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	3.8 U	3.6 U	19 U	3.8 U	4.0 U	4.0 U	2.0 J Z
Aroclor 1232	ug/kg	2.0 U	1.9 U	9.6 U	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	3.8 U	3.6 U	19 U	3.8 U	4.0 U	4.0 U	3.9 U
Aroclor 1248	ug/kg	2.0 U	1.9 U	9.6 U	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	1.9 U	9.6 U	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	1.9 U	9.6 U	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	1.9 U	9.6 U	2.0 U	2.1 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	3.8 U	3.6 U	19 U	3.8 U	4.0 U	4.0 U	3.9 UJ C

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Sample Name Sample Date SDG Start Depth End Depth		SL-071-SA8N-SB-2.0-3.0 06/07/2011 DX099 2 3	SL-075-SA8N-SS-0.0-0.5 04/19/2011 DX071 0 0.5	SL-076-SA8N-SS-0.0-0.5 04/19/2011 DX071 0 0.5	SL-076-SA8N-SB-4.0-5.0 06/08/2011 DX100 4 5	SL-076-SA8N-SB-7.5-8.5 06/08/2011 DX100 7.5 8.5	SL-077-SA8N-SS-0.0-0.5 04/19/2011 DX071 0 0.5	SL-078-SA8N-SS-0.0-0.5 04/14/2011 DX071 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0498 J Z	1.16 U	1.12 U	1.11 UJ B, FD	0.0146 J Z	1.27 U B, Z	1.15 U
1,2,3,7,8,9-HxCDD	ng/kg	1.68 J Z	5.81 U B, Z	0.722 J Z	5.54 U B	5.64 U B	1.87 J Z	5.75 U B, Z
OCDD	ng/kg	10.5 U B	24	97.1	12.7	11.3 U B	849	10.6 J Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.27 U B	2.06 J Z	9.11	5.54 U B	5.64 U B	75.3	5.75 U B, Z
OCDF	ng/kg	10.5 U B	2.31 J Z	1.60 J Z	11.1 U B	11.3 U B	24.3	11.5 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	0.0738 J Z	5.81 U B, Z	5.58 U B, Z	5.54 UJ B, FD	5.64 U	1.13 J Z	5.75 U
1,2,3,7,8-PeCDD	ng/kg	0.286 J Z	5.81 U B, Z	5.58 U B, Z	0.0871 J FD, Z	5.64 U B	0.537 J Z	5.75 U B, Z
2,3,7,8-TCDF	ng/kg	0.0758 J Z	1.16 U B, Z	1/14/2012	0.118 J FD, Z	1.13 U	1.44 Z	0.130 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.27 U B	5.81 U B, Z	5.58 U B, Z	5.54 U B	5.64 U B	1.38 J Z	5.75 U
2,3,4,7,8-PeCDF	ng/kg	5.27 U B	5.81 U B, Z	1.06 J Z	0.369 J FD, Z	5.64 U B	1.12 J Z	5.75 U B, Z
1,2,3,7,8-PeCDF	ng/kg	0.311 J Z	1.31 J Z	0.936 J Z	0.167 J FD, Z	5.64 U B	0.290 J Z	0.746 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.186 J Z	5.81 U B, Z	5.58 U B, Z	0.0805 J FD, Z	5.64 U B	0.781 J Z	0.0915 J Z
1,2,3,6,7,8-HxCDD	ng/kg	0.966 J Z	5.81 U B, Z	0.458 J Z	5.54 U B	5.64 U B	2.90 J Z	5.75 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	5.27 U B	5.81 U B, Z	5.58 U B, Z	5.54 UJ B, FD	5.64 U B	0.920 J Z	5.75 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.27 U B	0.648 J Z	0.898 J Z	5.54 U B	5.64 U B	10.9	5.75 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	5.27 U B	0.336 J Z	1.75 J Z	0.593 J Z	5.64 U B	2.35 J Z	0.376 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.391 J Z	5.81 U B, Z	0.441 J Z	5.54 U B	5.64 U B	0.553 J Z	5.75 U B, Z
Aroclor 1260	ug/kg	1.8 U	2.0 U	9.5 U	3.4 J *#	1.9 U	11 U	1.0 J Z
Aroclor 1254	ug/kg	1.8 U	1.2 J Z	28	1.9 U	1.9 U	28	2.9
Aroclor 1268	ug/kg	1.8 U	2.0 U	9.5 U	1.9 U	1.9 U	11 U	2.0 U
Aroclor 1221	ug/kg	1.8 U	2.0 U	9.5 U	1.9 UJ C	1.9 UJ C	11 U	2.0 U
Aroclor 5460	ug/kg	3.6 U	3.8 U	7.5 J Z	3.7 UJ C	3.8 UJ C	21 U	3.8 U
Aroclor 1232	ug/kg	1.8 U	2.0 U	9.5 U	1.9 UJ C	1.9 UJ C	11 U	2.0 U
Aroclor 5442	ug/kg	3.6 U	3.8 U	18 U	3.7 U	3.8 U	21 U	3.8 U
Aroclor 1248	ug/kg	1.8 U	2.0 U	9.5 U	1.9 U	1.9 U	11 U	2.0 U
Aroclor 1016	ug/kg	1.8 U	2.0 U	9.5 U	1.9 UJ C	1.9 UJ C	11 U	2.0 U
Aroclor 1262	ug/kg	1.8 U	2.0 U	9.5 U	1.9 U	1.9 U	11 U	2.0 U
Aroclor 1242	ug/kg	1.8 U	2.0 U	9.5 U	1.9 U	1.9 U	11 U	2.0 U
Aroclor 5432	ug/kg	3.6 U	3.8 U	18 U	3.7 U	3.8 U	21 U	3.8 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-078-SA8N-SB-4.0-5.0 05/09/2011 DX080 4 5	SL-079-SA8N-SS-0.0-0.5 04/14/2011 DX071 0 0.5	SL-079-SA8N-SB-4.0-5.0 06/06/2011 DX099 4 5	SL-079-SA8N-SB-9.0-10.0 06/06/2011 DX099 9 10	SL-080-SA8N-SS-0.0-0.5 04/18/2011 DX070 0 0.5	SL-080-SA8N-SB-4.0-5.0 05/04/2011 DX076 4 5	SL-082-SA8N-SS-0.0-0.5 04/14/2011 DX071 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.09 U	0.0453 J Z	1.14 U	0.0437 J Z	1.21 U	1.10 U	0.0262 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.45 U B, Z	1.44 J Z	5.69 U B	5.80 U B	6.04 U B, Z	5.51 U B, Z	2.01 J Z
OCDD	ng/kg	10.9 U B, Z	180	11.4 U B	11.6 U B	58	11.0 U B, Z	138
1,2,3,4,6,7,8-HpCDD	ng/kg	5.45 U B, Z	22.3	5.69 U B	5.80 U B	5.02 J Z	5.51 U B, Z	15.5
OCDF	ng/kg	10.9 U B, Z	6.41 J Z	11.4 U B	11.6 U B	10.0 J Z	11.0 U B, Z	4.86 J Z
1,2,3,4,7,8-HxCDD	ng/kg	5.45 U B, Z	0.401 J Z	0.0155 J Z	0.0872 J Z	6.04 U B, Z	5.51 U B, Z	0.303 J Z
1,2,3,7,8-PeCDD	ng/kg	5.45 U B, Z	0.350 J Z	0.0348 J Z	0.202 J Z	6.04 U B, Z	5.51 U B, Z	0.341 J Z
2,3,7,8-TCDF	ng/kg	1.09 U	0.733 J Z	1.14 U	0.0841 J Z	0.731 J Z	1.10 U	18.9 Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.45 U B, Z	0.324 J Z	5.69 U B	5.80 U B	6.04 U B, Z	5.51 U B, Z	0.380 J Z
2,3,4,7,8-PeCDF	ng/kg	5.45 U B, Z	1.15 J Z	5.69 U B	5.80 U B	0.781 J Z	5.51 U B, Z	1.83 J Z
1,2,3,7,8-PeCDF	ng/kg	5.45 U B, Z	0.610 J Z	5.69 U B	0.250 J Z	2.67 J Z	5.51 U B, Z	8.88
1,2,3,6,7,8-HxCDF	ng/kg	5.45 U B, Z	0.509 J Z	5.69 U B	0.139 J Z	0.316 J Z	5.51 U B, Z	0.931 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.45 U B, Z	1.48 J Z	5.69 U B	5.80 U B	0.279 J Z	5.51 U B, Z	1.65 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.45 U B, Z	0.535 J Z	5.69 U B	0.0910 J Z	0.416 J Z	5.51 U B, Z	0.571 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.45 U B, Z	3.29 J Z	5.69 U B	5.80 U B	2.29 J Z	5.51 U B, Z	3.31 J Z
1,2,3,4,7,8-HxCDF	ng/kg	5.45 U B, Z	0.901 J Z	5.69 U B	5.80 U B	0.616 J Z	5.51 U B, Z	3.63 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.45 U B, Z	0.785 J Z	5.69 U B	5.80 U B	6.04 U B, Z	5.51 U B, Z	0.927 J Z
Aroclor 1260	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	3	2.0 U	7.7
Aroclor 1254	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	8.7	2.0 U	27
Aroclor 1268	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	3.8 U
Aroclor 1221	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	3.8 U
Aroclor 5460	ug/kg	3.7 U	4.0 U	3.8 U	3.9 UJ E	2.9 J Z	3.8 U	44
Aroclor 1232	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	3.8 U
Aroclor 5442	ug/kg	3.7 U	4.0 U	3.8 U	3.9 UJ E	4.0 U	3.8 U	7.3 U
Aroclor 1248	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	3.8 U
Aroclor 1016	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	3.8 U
Aroclor 1262	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	3.8 U
Aroclor 1242	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	2.1 U	2.0 U	3.8 U
Aroclor 5432	ug/kg	3.7 U	4.0 U	3.8 U	3.9 UJ E	4.0 UJ C	3.8 U	7.3 U

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J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-085-SA8N-SS-0.0-0.5 04/18/2011 DX070 0 0.5	SL-086-SA8N-SS-0.0-0.5 04/18/2011 DX070 0 0.5	SL-086-SA8N-SB-6.5-7.5 05/06/2011 DX079 6.5 7.5	SL-087-SA8N-SB-4.0-5.0 05/09/2011 DX080 4 5	SL-087-SA8N-SB-9.0-10.0 05/09/2011 DX080 9 10	SL-088-SA8N-SB-3.0-4.0 05/09/2011 DX080 3 4	SL-089-SA8N-SS-0.0-0.5 04/14/2011 DX071 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.14 U B, Z	1.15 U	1.08 U	1.13 U	1.14 U B, Z	1.13 U B, Z	1.17 U
1,2,3,7,8,9-HxCDD	ng/kg	1.06 J Z	5.76 U B, Z	0.0609 J Z	0.211 J Z	5.72 U B, Z	0.559 J Z	1.13 J Z
OCDD	ng/kg	664	20.3	3.53 J Z	11.3 U B, Z	11.4 U B, Z	11.3 U B, Z	37.7
1,2,3,4,6,7,8-HpCDD	ng/kg	60.9	1.69 J Z	5.41 U B, Z	5.66 U B, Z	5.72 U B, Z	5.67 U B, Z	4.15 J Z
OCDF	ng/kg	25.3	4.43 J Z	2.64 J Z	11.3 U B, Z	11.4 U B, Z	11.3 U B, Z	1.18 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.494 J Z	5.76 U B, Z	5.41 U	5.66 U B, Z	5.72 U B, Z	5.67 U B, Z	5.83 U B, Z
1,2,3,7,8-PeCDD	ng/kg	5.72 U B, Z	5.76 U B, Z	5.41 U	5.66 U B, Z	5.72 U B, Z	0.218 J Z	0.127 J Z
2,3,7,8-TCDF	ng/kg	2.57 Z	1.15 U B, Z	1.08 U	1.13 U	1.14 U	1.13 U	0.0753 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	0.831 J Z	5.76 U B, Z	5.41 U B, Z	5.66 U B, Z	5.72 U B, Z	5.67 U B, Z	5.83 U B, Z
2,3,4,7,8-PeCDF	ng/kg	2.74 J Z	5.76 U B, Z	5.41 U B, Z	5.66 U B, Z	5.72 U B, Z	5.67 U B, Z	5.83 U B, Z
1,2,3,7,8-PeCDF	ng/kg	7.91	5.76 U B, Z	5.41 U B, Z	5.66 U B, Z	5.72 U B, Z	5.67 U B, Z	0.250 J Z
1,2,3,6,7,8-HxCDF	ng/kg	1.20 J Z	5.76 U B, Z	5.41 U B, Z	5.66 U B, Z	5.72 U B, Z	5.67 U B, Z	0.160 J Z
1,2,3,6,7,8-HxCDD	ng/kg	1.92 J Z	5.76 U B, Z	5.41 U B, Z	5.66 U B, Z	5.72 U B, Z	0.414 J Z	0.810 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.955 J Z	5.76 U B, Z	5.41 U B, Z	5.66 U B, Z	5.72 U B, Z	5.67 U B, Z	0.154 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	11	1.11 J Z	1.05 J Z	5.66 U B, Z	5.72 U B, Z	5.67 U B, Z	0.653 J Z
1,2,3,4,7,8-HxCDF	ng/kg	2.95 J Z	0.254 J Z	5.41 U B, Z	5.66 U B, Z	5.72 U B, Z	5.67 U B, Z	5.83 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	0.658 J Z	5.76 U B, Z	5.41 U B, Z	5.66 U B, Z	5.72 U B, Z	0.552 J Z	1.01 J Z
Aroclor 1260	ug/kg	13	0.72 J Z	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1254	ug/kg	40	0.76 J Z	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1268	ug/kg	9.8 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1221	ug/kg	9.8 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 5460	ug/kg	19 U	3.9 U	3.6 U	3.8 U	3.9 U	3.8 U	3.9 U
Aroclor 1232	ug/kg	9.8 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 5442	ug/kg	19 U	3.9 U	3.6 U	3.8 U	3.9 U	3.8 U	3.9 U
Aroclor 1248	ug/kg	9.8 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1016	ug/kg	9.8 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1262	ug/kg	9.8 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1242	ug/kg	9.8 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 5432	ug/kg	19 UJ C	3.9 UJ C	3.6 U	3.8 U	3.9 U	3.8 U	3.9 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-090-SA8N-SS-0.0-0.5 04/14/2011 DX071 0 0.5	SL-091-SA8N-SS-0.0-0.5 04/14/2011 DX071 0 0.5	SL-092-SA8N-SS-0.0-0.5 04/19/2011 DX071 0 0.5	SL-093-SA8N-SS-0.0-0.5 04/19/2011 DX071 0 0.5	SL-094-SA8N-SS-0.0-0.5 04/19/2011 DX072 0 0.5	SL-094-SA8N-SB-4.0-5.0 05/13/2011 DX081 4 5	SL-094-SA8N-SB-7.5-8.5 05/13/2011 DX081 7.5 8.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0196 J Z	1.19 U	1.11 U	1.13 U B, Z	1.07 U B, Z	1.19 U B, Z	1.10 U
1,2,3,7,8,9-HxCDD	ng/kg	1.52 J Z	0.977 J Z	0.715 J Z	0.898 J Z	0.467 J Z	1.02 J Z	5.52 U B, Z
OCDD	ng/kg	106	75.8	21.7	36.3	24.7	2.12 J Z	11.0 U B, Z
1,2,3,4,6,7,8-HpCDD	ng/kg	12.3	8.23	2.82 J Z	5.39 J Z	2.63 J Z	5.95 U B, Z	5.52 U B, Z
OCDF	ng/kg	3.33 J Z	3.22 J Z	1.25 J Z	2.52 J Z	10.7 U B, Z	11.9 U B, Z	11.0 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	0.144 J Z	0.186 J Z	5.57 U B, Z	5.65 U B, Z	5.35 U B, Z	5.95 U	5.52 U
1,2,3,7,8-PeCDD	ng/kg	0.217 J Z	0.166 J Z	5.57 U B, Z	5.65 U B, Z	5.35 U B, Z	5.95 U B, Z	5.52 U
2,3,7,8-TCDF	ng/kg	0.172 J Z	4.40 Z	0.457 J Z	1/22/2012	0.125 J Z	0.0606 J Z	0.0195 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.91 U B, Z	5.94 U B, Z	5.57 U B, Z	5.65 U B, Z	5.35 U B, Z	5.95 U B, Z	5.52 U B, Z
2,3,4,7,8-PeCDF	ng/kg	0.395 J Z	1.18 J Z	0.709 J Z	1.79 J Z	5.35 U B, Z	5.95 U	5.52 U B, Z
1,2,3,7,8-PeCDF	ng/kg	0.247 J Z	1.59 J Z	0.462 J Z	2.64 J Z	0.276 J Z	0.313 J Z	5.52 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	0.259 J Z	0.313 J Z	5.57 U B, Z	0.464 J Z	5.35 U B, Z	5.95 U B, Z	5.52 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	1.28 J Z	0.898 J Z	0.519 J Z	0.859 J Z	0.344 J Z	0.584 J Z	5.52 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	0.208 J Z	0.370 J Z	5.57 U B, Z	0.431 J Z	5.35 U B, Z	5.95 U B, Z	5.52 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	2.43 J Z	1.97 J Z	0.734 J Z	1.42 J Z	5.35 U B, Z	5.95 U B, Z	5.52 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	5.91 U B, Z	1.88 J Z	0.483 J Z	1.32 J Z	0.296 J Z	5.95 U B, Z	5.52 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	0.798 J Z	0.462 J Z	5.57 U B, Z	5.65 U B, Z	0.575 J Z	1.47 J Z	5.52 U B, Z
Aroclor 1260	ug/kg	0.65 J Z	1.8 J Z	1.9 U	6.9 J Z	0.79 J Z	2.0 U	1.9 U
Aroclor 1254	ug/kg	0.89 J Z	5.7	1.2 J Z	13	1.1 J Z	2.0 U	1.9 U
Aroclor 1268	ug/kg	2.0 U	2.0 U	1.9 U	9.7 U	1.8 U	2.0 U	1.9 U
Aroclor 1221	ug/kg	2.0 U	2.0 U	1.9 U	9.7 U	1.8 U	2.0 U	1.9 U
Aroclor 5460	ug/kg	1.3 J Z	5.7	1.4 J Z	7.6 J Z	2.7 J Z	3.9 U	3.7 U
Aroclor 1232	ug/kg	2.0 U	2.0 U	1.9 U	9.7 U	1.8 U	2.0 U	1.9 U
Aroclor 5442	ug/kg	3.9 U	3.9 U	3.7 U	19 U	3.6 U	3.9 U	3.7 U
Aroclor 1248	ug/kg	2.0 U	2.0 U	1.9 U	9.7 U	1.8 U	2.0 U	1.9 U
Aroclor 1016	ug/kg	2.0 U	2.0 U	1.9 U	9.7 U	1.8 U	2.0 U	1.9 U
Aroclor 1262	ug/kg	2.0 U	2.0 U	1.9 U	9.7 U	1.8 U	2.0 U	1.9 U
Aroclor 1242	ug/kg	2.0 U	2.0 U	1.9 U	9.7 U	1.8 U	2.0 U	1.9 U
Aroclor 5432	ug/kg	3.9 U	3.9 U	3.7 U	19 U	3.6 U	3.9 U	3.7 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-095-SA8N-SS-0.0-0.5 04/19/2011 DX072 0 0.5	SL-095-SA8N-SB-4.0-5.0 05/13/2011 DX081 4 5	SL-096-SA8N-SS-0.0-0.5 04/19/2011 DX072 0 0.5	SL-096-SA8N-SB-4.0-5.0 05/13/2011 DX081 4 5	SL-096-SA8N-SB-9.0-10.0 05/13/2011 DX081 9 10	SL-097-SA8N-SS-0.0-0.5 04/19/2011 DX072 0 0.5	SL-097-SA8N-SB-4.0-5.0 05/12/2011 DX080 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.13 U B, Z	1.13 U	1.06 U	1.17 U	1.14 U	1.14 U	1.13 U
1,2,3,7,8,9-HxCDD	ng/kg	0.388 J Z	5.65 U B, Z	0.428 J Z	0.375 J Z	0.504 J Z	0.714 J Z	5.63 U B, Z
OCDD	ng/kg	26.5	11.3 U B, Z	26	11.7 U B, Z	11.4 U B, Z	29.5	11.3 U B, Z
1,2,3,4,6,7,8-HpCDD	ng/kg	2.68 J Z	5.65 U B, Z	2.87 J Z	5.83 U B, Z	5.72 U B, Z	3.09 J Z	5.63 U B, Z
OCDF	ng/kg	11.3 U B, Z	11.3 U B, Z	1.21 J Z	11.7 U B, Z	11.4 U B, Z	1.42 J Z	11.3 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	5.63 U B, Z	5.65 U B, Z	5.32 U B, Z	5.83 U B, Z	5.72 U	5.72 U B, Z	5.63 U B, Z
1,2,3,7,8-PeCDD	ng/kg	5.63 U B, Z	5.65 U B, Z	5.32 U	5.83 U B, Z	5.72 U B, Z	5.72 U B, Z	5.63 U B, Z
2,3,7,8-TCDF	ng/kg	1.13 U B, Z	1.13 U	1.06 U B, Z	1.17 U	1.14 U	0.136 J Z	1.13 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.63 U B, Z	5.65 U B, Z	5.32 U B, Z	5.83 U B, Z	5.72 U B, Z	5.72 U B, Z	5.63 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.63 U B, Z	5.65 U B, Z	5.32 U B, Z	5.83 U B, Z	5.72 U B, Z	5.72 U B, Z	5.63 U B, Z
1,2,3,7,8-PeCDF	ng/kg	5.63 U B, Z	5.65 U B, Z	5.32 U B, Z	5.83 U B, Z	5.72 U B, Z	5.72 U B, Z	5.63 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.63 U B, Z	5.65 U B, Z	5.32 U B, Z	5.83 U B, Z	5.72 U B, Z	5.72 U B, Z	5.63 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	0.295 J Z	5.65 U B, Z	0.335 J Z	5.83 U B, Z	0.286 J Z	0.481 J Z	5.63 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	5.63 U B, Z	5.65 U B, Z	5.32 U B, Z	5.83 U B, Z	5.72 U B, Z	5.72 U B, Z	5.63 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.63 U B, Z	5.65 U B, Z	5.32 U B, Z	5.83 U B, Z	5.72 U B, Z	5.72 U B, Z	5.63 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	0.240 J Z	5.65 U B, Z	0.337 J Z	5.83 U B, Z	5.72 U B, Z	0.333 J Z	5.63 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	5.63 U B, Z	5.65 U B, Z	0.459 J Z	0.585 J Z	5.72 U B, Z	0.804 J Z	5.63 U B, Z
Aroclor 1260	ug/kg	1.9 U	2.0 U	0.65 J Z	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1254	ug/kg	1.9 U	0.94 J Z	1.8 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1268	ug/kg	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1221	ug/kg	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 5460	ug/kg	3.7 U	3.8 U	3.5 U	3.9 U	3.8 U	3.8 U	3.8 U
Aroclor 1232	ug/kg	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 5442	ug/kg	3.7 U	3.8 U	3.5 U	3.9 U	3.8 U	3.8 U	3.8 U
Aroclor 1248	ug/kg	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1016	ug/kg	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1262	ug/kg	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1242	ug/kg	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 5432	ug/kg	3.7 U	3.8 U	3.5 U	3.9 U	3.8 U	3.8 U	3.8 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-098-SA8N-SS-0.0-0.5 04/20/2011 DX074 0 0.5	SL-098-SA8N-SB-4.0-5.0 05/12/2011 DX080 4 5	SL-098-SA8N-SB-9.0-10.0 05/12/2011 DX080 9 10	SL-099-SA8N-SB-4.0-5.0 05/12/2011 DX080 4 5	SL-101-SA8N-SS-0.0-0.5 04/20/2011 DX074 0 0.5	SL-101-SA8N-SB-4.0-5.0 05/12/2011 DX080 4 5	SL-101-SA8N-SB-7.0-8.0 05/12/2011 DX080 7 8
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0429 J Z	1.16 U B, Z	1.13 U B, Z	1.13 U B, Z	0.0848 J Z	1.15 U	1.18 U B, Z
1,2,3,7,8,9-HxCDD	ng/kg	0.493 J Z	5.82 U B, Z	0.195 J Z	5.67 U B, Z	0.811 J Z	0.265 J Z	5.89 U B, Z
OCDD	ng/kg	44.7	11.6 U B, Z	11.3 U B, Z	11.3 U B, Z	101	11.5 U B, Z	11.8 U B, Z
1,2,3,4,6,7,8-HpCDD	ng/kg	4.66 J Z	5.82 U B, Z	5.67 U B, Z	5.67 U B, Z	10.3	5.73 U B, Z	5.89 U B, Z
OCDF	ng/kg	2.41 J Z	11.6 U B, Z	11.3 U B, Z	11.3 U B, Z	5.66 J Z	11.5 U B, Z	11.8 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	0.118 J Z	5.82 U B, Z	5.67 U B, Z	5.67 U B, Z	0.344 J Z	5.73 U B, Z	5.89 U B, Z
1,2,3,7,8-PeCDD	ng/kg	6.02 U B, Z	0.296 J Z	0.249 J Z	5.67 U B, Z	0.394 J Z	5.73 U B, Z	5.89 U B, Z
2,3,7,8-TCDF	ng/kg	0.177 J Z	0.0597 J Z	0.0561 J Z	0.0243 J Z	0.849 J Z	0.0248 J Z	1.18 U
1,2,3,4,7,8,9-HpCDF	ng/kg	6.02 U B, Z	5.82 U B, Z	5.67 U B, Z	5.67 U B, Z	0.241 J Z	5.73 U B, Z	5.89 U B, Z
2,3,4,7,8-PeCDF	ng/kg	6.02 U B, Z	5.82 U B, Z	5.67 U B, Z	5.67 U B, Z	1.42 J Z	5.73 U B, Z	5.89 U B, Z
1,2,3,7,8-PeCDF	ng/kg	0.251 J Z	0.325 J Z	0.282 J Z	5.67 U B, Z	0.598 J Z	5.73 U B, Z	5.89 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	6.02 U B, Z	5.82 U B, Z	5.67 U B, Z	5.67 U B, Z	0.465 J Z	5.73 U B, Z	5.89 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	0.469 J Z	5.82 U B, Z	5.67 U B, Z	5.67 U B, Z	0.874 J Z	5.73 U B, Z	5.89 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	6.02 U B, Z	5.82 U B, Z	5.67 U B, Z	5.67 U B, Z	0.570 J Z	5.73 U B, Z	5.89 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	0.993 J Z	5.82 U B, Z	5.67 U B, Z	5.67 U B, Z	3.20 J Z	0.909 J Z	5.89 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	0.315 J Z	5.82 U B, Z	5.67 U B, Z	5.67 U B, Z	1.20 J Z	5.73 U B, Z	5.89 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	0.443 J Z	5.82 U B, Z	5.67 U B, Z	5.67 U B, Z	0.453 J Z	5.73 U B, Z	5.89 U B, Z
Aroclor 1260	ug/kg	0.59 J Z	2.0 U	2.0 U	1.9 U	2.1	2.0 U	2.0 U
Aroclor 1254	ug/kg	0.92 J Z	2.0 U	2.0 U	1.9 U	1.4 J Z	2.0 U	2.0 U
Aroclor 1268	ug/kg	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 1221	ug/kg	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	4.0 U	3.9 U	3.9 U	3.8 U	3.5 J Z	3.9 U	3.9 U
Aroclor 1232	ug/kg	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	4.0 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U	3.9 U
Aroclor 1248	ug/kg	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	2.1 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	4.0 U	3.9 U	3.9 U	3.8 U	3.8 U	3.9 U	3.9 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-102-SA8N-SS-0.0-0.5 04/20/2011 DX074 0 0.5	SL-103-SA8N-SB-3.0-4.0 05/12/2011 DX080 3 4	SL-104-SA8N-SB-4.0-5.0 05/13/2011 DX081 4 5	SL-104-SA8N-SB-9.0-10.0 05/13/2011 DX081 9 10	SL-105-SA8N-SB-4.0-5.0 05/10/2011 DX079 4 5	SL-106-SA8N-SB-2.5-3.5 06/08/2011 DX100 2.5 3.5	SL-108-SA8N-SS-0.0-0.5 04/20/2011 DX074 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0521 J Z	1.15 U B, Z	1.11 U B, Z	1.16 U	1.15 U B, Z	0.0172 J Z	0.287 J Z
1,2,3,7,8,9-HxCDD	ng/kg	0.552 J Z	5.77 U B, Z	5.54 U B, Z	5.81 U B, Z	0.638 J Z	5.74 U B	8.17
OCDD	ng/kg	83.1	11.5 U B, Z	11.1 U B, Z	11.6 U B, Z	11.5 U B, Z	11.5 U B	1940
1,2,3,4,6,7,8-HpCDD	ng/kg	8.85	5.77 U B, Z	5.54 U B, Z	5.81 U B, Z	5.74 U B, Z	5.74 U B	203
OCDF	ng/kg	2.89 J Z	11.5 U B, Z	11.1 U B, Z	11.6 U B, Z	11.5 U B, Z	11.5 U B	66.5
1,2,3,4,7,8-HxCDD	ng/kg	0.215 J Z	5.77 U B, Z	5.54 U B, Z	5.81 U B, Z	5.74 U B, Z	5.74 U B	4.32 J Z
1,2,3,7,8-PeCDD	ng/kg	5.72 U B, Z	5.77 U	5.54 U B, Z	5.81 U	5.74 U B, Z	5.74 U	2.68 J Z
2,3,7,8-TCDF	ng/kg	0.679 J Z	1.15 U	1.11 U	1.16 U	1.15 U	1.15 U	0.782 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.72 U B, Z	5.77 U B, Z	5.54 U B, Z	5.81 U B, Z	5.74 U B, Z	5.74 U	2.32 J Z
2,3,4,7,8-PeCDF	ng/kg	0.656 J Z	5.77 U B, Z	5.54 U B, Z	5.81 U B, Z	5.74 U B, Z	5.74 U B	2.04 J Z
1,2,3,7,8-PeCDF	ng/kg	0.362 J Z	5.77 U B, Z	5.54 U B, Z	0.170 J Z	0.182 J Z	5.74 U B	0.700 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.72 U B, Z	5.77 U B, Z	5.54 U B, Z	5.81 U B, Z	5.74 U B, Z	5.74 U B	2.24 J Z
1,2,3,6,7,8-HxCDD	ng/kg	0.588 J Z	5.77 U B, Z	5.54 U B, Z	5.81 U B, Z	0.355 J Z	5.74 U	8.92
2,3,4,6,7,8-HxCDF	ng/kg	5.72 U B, Z	5.77 U B, Z	5.54 U B, Z	5.81 U B, Z	5.74 U B, Z	5.74 U B	2.80 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	1.38 J Z	5.77 U B, Z	5.54 U B, Z	5.81 U B, Z	5.74 U B, Z	5.74 U B	34.3
1,2,3,4,7,8-HxCDF	ng/kg	0.790 J Z	5.77 U B, Z	5.54 U B, Z	5.81 U B, Z	5.74 U B, Z	5.74 U B	2.06 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.334 J Z	5.77 U	5.54 U B, Z	5.81 U B, Z	0.781 J Z	5.74 U B	0.647 J Z
Aroclor 1260	ug/kg	2.7	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	12
Aroclor 1254	ug/kg	4.9	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	17
Aroclor 1268	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	1.7 U
Aroclor 1221	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 UJ C	1.7 U
Aroclor 5460	ug/kg	3.3 J Z	3.9 U	3.8 U	3.9 U	3.9 U	3.8 UJ C	14
Aroclor 1232	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 UJ C	1.7 U
Aroclor 5442	ug/kg	3.8 U	3.9 U	3.8 U	3.9 U	3.9 U	3.8 U	3.3 U
Aroclor 1248	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	1.7 U
Aroclor 1016	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 UJ C	1.7 U
Aroclor 1262	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	1.7 U
Aroclor 1242	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	1.7 U
Aroclor 5432	ug/kg	3.8 U	3.9 U	3.8 U	3.9 U	3.9 U	3.8 U	3.3 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-109-SA8N-SB-4.0-5.0 06/08/2011 DX100 4 5	SL-109-SA8N-SB-9.0-10.0 06/08/2011 DX100 9 10	SL-111-SA8N-SS-0.0-0.5 04/21/2011 DX076 0 0.5	SL-111-SA8N-SB-3.0-4.0 06/10/2011 DX101 3 4	SL-112-SA8N-SS-0.0-0.5 04/21/2011 DX076 0 0.5	SL-115-SA8N-SS-0.0-0.5 04/21/2011 DX076 0 0.5	SL-116-SA8N-SS-0.0-0.5 04/21/2011 DX076 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.14 U	1.15 U	1.13 U	1.06 U	0.0322 J Z	0.280 J Z	0.0806 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.71 U B	5.73 U B	1.09 J Z	5.29 U B	0.495 J Z	5.78	2.11 J Z
OCDD	ng/kg	11.4 U B	11.5 U B	267	5.17 J Z	53.4	2200	594
1,2,3,4,6,7,8-HpCDD	ng/kg	5.71 U B	5.73 U B	25.7	5.29 U B	5.60 J Z	267	78.3
OCDF	ng/kg	11.4 U B	11.5 U B	6.78 J Z	10.6 U B	1.76 J Z	55.6	12.2
1,2,3,4,7,8-HxCDD	ng/kg	5.71 U B	5.73 U	0.379 J Z	0.0523 J Z	5.67 U B, Z	3.20 J Z	0.952 J Z
1,2,3,7,8-PeCDD	ng/kg	5.71 U	5.73 U B	0.262 J Z	5.29 U B	5.67 U B, Z	1.42 J Z	0.728 J Z
2,3,7,8-TCDF	ng/kg	1.14 U	1.15 U B	0.800 J Z	0.0454 J Z	0.259 J Z	1.89 Z	1.20 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.71 U B	5.73 U B	5.63 U B, Z	5.29 U B	5.67 U B, Z	2.08 J Z	0.915 J Z
2,3,4,7,8-PeCDF	ng/kg	5.71 U B	5.73 U B	1.37 J Z	5.29 U B	0.441 J Z	2.94 J Z	2.60 J Z
1,2,3,7,8-PeCDF	ng/kg	5.71 U B	5.73 U B	0.987 J Z	5.29 U B	0.313 J Z	1.80 J Z	1.79 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.71 U B	5.73 U	0.467 J Z	5.29 U B	5.67 U B, Z	1.69 J Z	1.30 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.71 U B	5.73 U B	1.19 J Z	5.29 U B	0.434 J Z	9.62	3.45 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.71 U	5.73 U B	0.570 J Z	5.29 U B	5.67 U B, Z	2.31 J Z	1.40 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.71 U B	5.73 U B	3.37 J Z	5.29 U B	1.08 J Z	24.1	8.93
1,2,3,4,7,8-HxCDF	ng/kg	5.71 U B	5.73 U	1.09 J Z	5.29 U B	0.630 J Z	2.48 J Z	2.76 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.71 U B	5.73 U B	0.445 J Z	5.29 U B	0.357 J Z	0.418 J Z	0.477 J Z
Aroclor 1260	ug/kg	1.9 U	2.0 U	3.3 J Z	1.9 U	1.9 U	5.2	42
Aroclor 1254	ug/kg	1.9 U	2.0 U	4.5	1.9 U	1.9 U	3.8 U	20 U
Aroclor 1268	ug/kg	1.9 U	2.0 U	3.8 U	1.9 U	1.9 U	3.8 U	20 U
Aroclor 1221	ug/kg	1.9 UJ C	2.0 UJ C	3.8 U	1.9 U	1.9 U	3.8 U	20 U
Aroclor 5460	ug/kg	3.8 UJ C	3.8 UJ C	11	3.6 U	3.8 U	8.7	160
Aroclor 1232	ug/kg	1.9 UJ C	2.0 UJ C	3.8 U	1.9 U	1.9 U	3.8 U	20 U
Aroclor 5442	ug/kg	3.8 U	3.8 U	7.4 U	3.6 U	3.8 U	7.4 U	40 U
Aroclor 1248	ug/kg	1.9 U	2.0 U	3.8 U	1.9 U	1.9 U	3.8 U	20 U
Aroclor 1016	ug/kg	1.9 UJ C	2.0 UJ C	3.8 U	1.9 U	1.9 U	3.8 U	20 U
Aroclor 1262	ug/kg	1.9 U	2.0 U	3.8 U	1.9 U	1.9 U	3.8 U	20 U
Aroclor 1242	ug/kg	1.9 U	2.0 U	3.8 U	1.9 U	1.9 U	3.8 U	20 U
Aroclor 5432	ug/kg	3.8 U	3.8 U	7.4 U	3.6 U	3.8 U	7.4 U	40 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-116-SA8N-SB-4.0-5.0 06/09/2011 DX101 4 5	SL-117-SA8N-SS-0.0-0.5 04/21/2011 DX076 0 0.5	SL-118-SA8N-SS-0.0-0.5 04/21/2011 DX076 0 0.5	SL-119-SA8N-SS-0.0-0.5 04/21/2011 DX076 0 0.5	SL-120-SA8N-SS-0.0-0.5 04/20/2011 DX074 0 0.5	SL-120-SA8N-SB-4.0-5.0 05/11/2011 DX080 4 5	SL-120-SA8N-SB-9.0-10.0 05/11/2011 DX080 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.15 U	0.0533 J Z	0.102 J Z	0.0702 J FD, Z	0.0445 J Z	1.07 U B, Z	1.15 U
1,2,3,7,8,9-HxCDD	ng/kg	5.77 U B	0.661 J Z	1.13 J Z	0.358 J Z	2.05 J Z	0.763 J Z	0.519 J Z
OCDD	ng/kg	17.4	359	302	186 J Q, E	2070 J FD	503	56.1
1,2,3,4,6,7,8-HpCDD	ng/kg	2.49 J Z	31.5	37.1	14.6	166 J FD, Q	33	6.1
OCDF	ng/kg	11.5 U B	8.95 J Z	7.40 J Z	4.33 J Z	40.1	9.27 J Z	1.82 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.0311 J Z	0.289 J Z	0.493 J Z	0.204 J FD, Z	1.02 J Z	0.254 J Z	5.76 U B, Z
1,2,3,7,8-PeCDD	ng/kg	5.77 U	5.24 U B, Z	0.489 J Z	5.34 UJ B, FD, Z	0.395 J FD, Z	0.216 J Z	5.76 U B, Z
2,3,7,8-TCDF	ng/kg	0.0658 J Z	0.366 J Z	0.513 J Z	0.114 J FD, Z	0.453 J Z	0.0584 J Z	1.15 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.77 U B	0.400 J Z	5.81 U B, Z	5.34 U B, Z	1.51 J Z	5.33 U B, Z	5.76 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.77 U B	0.823 J Z	1.08 J Z	0.485 J Z	1.59 J Z	5.33 U	5.76 U B, Z
1,2,3,7,8-PeCDF	ng/kg	5.77 U B	0.133 J Z	0.418 J Z	0.262 J FD, Z	0.883 J FD, Z	0.315 J Z	5.76 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.77 U B	5.24 U B, Z	0.409 J Z	5.34 UJ B, FD, Z	0.970 J Z	0.489 J Z	5.76 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	5.77 U B	1.04 J Z	1.94 J Z	0.568 J Z	4.88 J Z	1.24 J Z	0.452 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.77 U B	5.24 U B, Z	0.637 J Z	5.34 U B, Z	0.948 J Z	0.337 J Z	5.76 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.77 U B	3.22 J Z	3.71 J Z	2.14 J Z	15	4.68 J Z	0.933 J Z
1,2,3,4,7,8-HxCDF	ng/kg	5.77 U B	1.32 J Z	0.983 J Z	0.476 J Z	2.27 J Z	0.607 J Z	0.642 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.77 U B	0.207 J Z	0.264 J Z	0.185 J Z	0.689 J Z	0.398 J Z	0.460 J Z
Aroclor 1260	ug/kg	1.1 J Z	4.8	2.8 J *#	0.96 J Z	17	1.8 U	2.0 U
Aroclor 1254	ug/kg	2.0 U	1.8 U	5.7 J *#	0.82 J Z	56	1.8 U	1.8 J Z
Aroclor 1268	ug/kg	2.0 U	1.8 U	2.0 U	1.8 U	9.0 U	1.8 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	1.8 U	2.0 U	1.8 U	9.0 U	1.8 U	2.0 U
Aroclor 5460	ug/kg	4.4	1.9 J Z	4	4.0 J FD	17 U	3.6 U	3.0 J Z
Aroclor 1232	ug/kg	2.0 U	1.8 U	2.0 U	1.8 U	9.0 U	1.8 U	2.0 U
Aroclor 5442	ug/kg	3.8 U	3.5 U	3.9 U	3.5 U	17 U	3.6 U	3.8 U
Aroclor 1248	ug/kg	2.0 U	1.8 U	2.0 U	1.8 U	9.0 U	1.8 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	1.8 U	2.0 U	1.8 U	9.0 U	1.8 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	1.8 U	2.0 U	1.8 U	9.0 U	1.8 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	1.8 U	2.0 U	1.8 U	9.0 U	1.8 U	2.0 U
Aroclor 5432	ug/kg	3.8 U	3.5 U	3.9 U	3.5 U	17 U	3.6 U	3.8 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-122-SA8N-SS-0.0-0.5 04/19/2011 DX072 0 0.5	SL-122-SA8N-SB-2.0-3.0 06/07/2011 DX099 2 3	SL-125-SA8N-SS-0.0-0.5 04/21/2011 DX076 0 0.5	SL-126-SA8N-SS-0.0-0.5 04/21/2011 DX076 0 0.5	SL-127-SA8N-SS-0.0-0.5 04/20/2011 DX074 0 0.5	SL-127-SA8N-SB-4.0-5.0 05/10/2011 DX079 4 5	SL-128-SA8N-SS-0.0-0.5 04/20/2011 DX074 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.04 U B, Z	1.08 U	0.0583 J Z	0.0441 J Z	0.135 J Z	1.11 U	0.0339 J Z
1,2,3,7,8,9-HxCDD	ng/kg	0.353 J Z	5.38 U B	0.955 J Z	0.462 J Z	1.42 J Z	0.288 J Z	1.02 J Z
OCDD	ng/kg	19.6	7.69 J Z	177	90.6	376	2.75 J Z	210
1,2,3,4,6,7,8-HpCDD	ng/kg	2.88 J Z	5.38 U B	16.1	10.7	34.1	5.56 U B, Z	19.4
OCDF	ng/kg	10.4 U B, Z	10.8 U B	5.93 J Z	4.92 J Z	6.16 J Z	11.1 U B, Z	6.06 J Z
1,2,3,4,7,8-HxCDD	ng/kg	5.19 U B, Z	0.0779 J Z	0.340 J Z	0.298 J Z	0.526 J Z	5.56 U B, Z	0.310 J Z
1,2,3,7,8-PeCDD	ng/kg	5.19 U B, Z	0.155 J Z	0.359 J Z	0.171 J Z	0.549 J Z	5.56 U B, Z	0.221 J Z
2,3,7,8-TCDF	ng/kg	0.363 J Z	0.0932 J Z	0.895 J Z	0.766 J Z	0.645 J Z	0.0324 J Z	0.346 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.19 U B, Z	5.38 U B	0.384 J Z	0.453 J Z	0.402 J Z	5.56 U B, Z	0.246 J Z
2,3,4,7,8-PeCDF	ng/kg	5.19 U B, Z	0.245 J Z	1.26 J Z	1.45 J Z	1.03 J Z	5.56 U B, Z	0.672 J Z
1,2,3,7,8-PeCDF	ng/kg	0.323 J Z	0.248 J Z	0.503 J Z	0.288 J Z	1.28 J Z	5.56 U B, Z	0.434 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.19 U B, Z	5.38 U B	0.543 J Z	0.506 J Z	0.581 J Z	5.56 U B, Z	0.226 J Z
1,2,3,6,7,8-HxCDD	ng/kg	0.236 J Z	5.38 U B	0.970 J Z	0.573 J Z	1.39 J Z	5.56 U B, Z	1.04 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.19 U B, Z	5.38 U B	0.522 J Z	1.04 J Z	0.495 J Z	5.56 U B, Z	0.248 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.19 U B, Z	5.38 U B	2.93 J Z	3.83 J Z	2.59 J Z	5.56 U B, Z	2.60 J Z
1,2,3,4,7,8-HxCDF	ng/kg	5.19 U B, Z	5.38 U B	0.972 J Z	1.30 J Z	0.767 J Z	5.56 U B, Z	0.539 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.19 U B, Z	5.38 U B	0.460 J Z	5.54 U B, Z	0.563 J Z	5.56 U B, Z	0.433 J Z
Aroclor 1260	ug/kg	1.0 J Z	1.8 U	2.0 J Z	3.8 J *#	3.7	1.9 U	1.0 J Z
Aroclor 1254	ug/kg	0.70 J Z	1.8 U	2.4	2.7	5.7	1.9 U	2
Aroclor 1268	ug/kg	1.8 U	1.8 U	2.1 U	1.9 U	1.8 U	1.9 U	2.0 U
Aroclor 1221	ug/kg	1.8 U	1.8 U	2.1 U	1.9 U	1.8 U	1.9 U	2.0 U
Aroclor 5460	ug/kg	2.3 J Z	3.6 U	4.7	5.9	15	3.7 U	4.0 U
Aroclor 1232	ug/kg	1.8 U	1.8 U	2.1 U	1.9 U	1.8 U	1.9 U	2.0 U
Aroclor 5442	ug/kg	3.4 U	3.6 U	4.0 U	3.6 U	3.5 U	3.7 U	4.0 U
Aroclor 1248	ug/kg	1.8 U	1.8 U	2.1 U	1.9 U	1.8 U	1.9 U	2.0 U
Aroclor 1016	ug/kg	1.8 U	1.8 U	2.1 U	1.9 U	1.8 U	1.9 U	2.0 U
Aroclor 1262	ug/kg	1.8 U	1.8 U	2.1 U	1.9 U	1.8 U	1.9 U	2.0 U
Aroclor 1242	ug/kg	1.8 U	1.8 U	2.1 U	1.9 U	1.8 U	1.9 U	2.0 U
Aroclor 5432	ug/kg	3.4 U	3.6 U	4.0 U	3.6 U	3.5 U	3.7 U	4.0 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-128-SA8N-SB-2.5-3.5 05/10/2011 DX079 2.5 3.5	SL-129-SA8N-SS-0.0-0.5 04/20/2011 DX074 0 0.5	SL-129-SA8N-SB-4.0-5.0 05/10/2011 DX079 4 5	SL-130-SA8N-SS-0.0-0.5 04/14/2011 DX071 0 0.5	SL-131-SA8N-SS-0.0-0.5 04/12/2011 DX069 0 0.5	SL-132-SA8N-SS-0.0-0.5 04/18/2011 DX070 0 0.5	SL-133-SA8N-SS-0.0-0.5 04/14/2011 DX071 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.09 U	1.07 U	1.09 U B, Z	0.0931 J Z	1.14 U B, Z	1.08 U	1.17 U
1,2,3,7,8,9-HxCDD	ng/kg	5.43 U B, Z	0.465 J Z	5.47 U B, Z	1.55 J Z	1.85 J Z	0.700 J Z	1.64 J Z
OCDD	ng/kg	10.9 U B, Z	65.2	2.64 J Z	1360	600	244	493 J Q, E
1,2,3,4,6,7,8-HpCDD	ng/kg	5.43 U B, Z	5.61	5.47 U B, Z	127	70.9	20.2	45.4
OCDF	ng/kg	10.9 U B, Z	1.52 J Z	10.9 U B, Z	35.9	13.2	10.6 J Z	21.1
1,2,3,4,7,8-HxCDD	ng/kg	5.43 U B, Z	0.0936 J Z	5.47 U B, Z	0.811 J Z	0.885 J Z	0.249 J Z	0.857 J Z
1,2,3,7,8-PeCDD	ng/kg	5.43 U B, Z	5.37 U B, Z	5.47 U B, Z	0.388 J Z	5.70 U	5.39 U B, Z	0.699 J Z
2,3,7,8-TCDF	ng/kg	1.09 U	1.96 Z	0.0513 J Z	1.05 J Z	0.442 J Z	1.70 Z	28.5 Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.43 U B, Z	5.37 U B, Z	5.47 U B, Z	1.92 J Z	0.503 J Z	5.39 U B, Z	1.04 J Z
2,3,4,7,8-PeCDF	ng/kg	5.43 U B, Z	2.09 J Z	5.47 U B, Z	1.02 J Z	1.27 J Z	0.505 J Z	10.6
1,2,3,7,8-PeCDF	ng/kg	5.43 U B, Z	1.17 J Z	0.168 J Z	1.95 J Z	1.66 J Z	2.65 J Z	3.96 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.43 U B, Z	0.847 J Z	5.47 U B, Z	0.782 J Z	0.619 J Z	0.300 J Z	1.36 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.43 U B, Z	0.401 J Z	5.47 U B, Z	4.32 J Z	2.92 J Z	0.916 J Z	2.13 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.43 U B, Z	0.485 J Z	5.47 U B, Z	1.08 J Z	0.697 J Z	5.39 U B, Z	1.40 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.43 U B, Z	1.54 J Z	5.47 U B, Z	16.5	6.89	3.43 J Z	10.9
1,2,3,4,7,8-HxCDF	ng/kg	5.43 U B, Z	2.72 J Z	5.47 U B, Z	2.41 J Z	1.61 J Z	0.634 J Z	4.98 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.43 U B, Z	0.376 J Z	5.47 U B, Z	1.21 J Z	0.609 J Z	5.39 U B, Z	1.17 J Z
Aroclor 1260	ug/kg	1.9 U	2.3	1.9 U	3.1	3.9 U	4.3	200 U
Aroclor 1254	ug/kg	1.9 U	4.1	1.9 U	8.2	31 J S	16	1500
Aroclor 1268	ug/kg	1.9 U	1.8 U	1.9 U	2.0 U	9.4 J S	1.9 U	200 U
Aroclor 1221	ug/kg	1.9 U	1.8 U	1.9 U	2.0 U	3.9 U	1.9 U	200 U
Aroclor 5460	ug/kg	3.6 U	14	3.7 U	3.8 U	14 J S, C	5.2	5100
Aroclor 1232	ug/kg	1.9 U	1.8 U	1.9 U	2.0 U	3.9 U	1.9 U	200 U
Aroclor 5442	ug/kg	3.6 U	3.6 U	3.7 U	3.8 U	7.6 U	3.6 U	390 U
Aroclor 1248	ug/kg	1.9 U	1.8 U	1.9 U	2.0 U	3.9 U	1.9 U	1700
Aroclor 1016	ug/kg	1.9 U	1.8 U	1.9 U	2.0 U	3.9 U	1.9 U	200 U
Aroclor 1262	ug/kg	1.9 U	1.8 U	1.9 U	2.0 U	3.9 U	1.9 U	200 U
Aroclor 1242	ug/kg	1.9 U	1.8 U	1.9 U	2.0 U	3.9 U	1.9 U	200 U
Aroclor 5432	ug/kg	3.6 U	3.6 U	3.7 U	3.8 U	7.6 UJ C	3.6 UJ C	390 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-133-SA8N-SB-4.0-5.0 06/06/2011 DX099 4 5	SL-133-SA8N-SB-7.0-8.0 06/06/2011 DX099 7 8	SL-134-SA8N-SS-0.0-0.5 04/14/2011 DX071 0 0.5	SL-135-SA8N-SS-0.0-0.5 04/19/2011 DX072 0 0.5	SL-135-SA8N-SB-2.0-3.0 05/09/2011 DX080 2 3	SL-136-SA8N-SS-0.0-0.5 04/20/2011 DX074 0 0.5	SL-136-SA8N-SB-4.0-5.0 05/11/2011 DX080 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0477 J Z	1.14 U	1.12 U	1.08 U	1.07 U	0.0161 J Z	1.02 U B, Z
1,2,3,7,8,9-HxCDD	ng/kg	5.74 U B	5.70 U B	1.89 J Z	0.543 J Z	0.844 J Z	0.341 J Z	5.11 U B, Z
OCDD	ng/kg	13.7	14.5	279	92	112	84.5	8.02 J Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.74 U B	5.70 U B	23	10.2	9.7	6.89	5.11 U B, Z
OCDF	ng/kg	11.5 U B	11.4 U B	10.1 J Z	2.80 J Z	2.44 J Z	2.14 J Z	10.2 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	0.164 J Z	0.0480 J Z	0.425 J Z	5.42 U B, Z	0.365 J Z	0.106 J Z	5.11 U B, Z
1,2,3,7,8-PeCDD	ng/kg	0.280 J Z	0.0196 J Z	0.343 J Z	5.42 U B, Z	0.500 J Z	5.97 U B, Z	5.11 U
2,3,7,8-TCDF	ng/kg	0.0914 J Z	0.244 J Z	1/20/2012	1.08 U B, Z	0.154 J Z	1.19 U B, Z	1.02 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.74 U B	5.70 U B	0.632 J Z	5.42 U B, Z	5.37 U B, Z	5.97 U B, Z	5.11 U B, Z
2,3,4,7,8-PeCDF	ng/kg	0.279 J Z	5.70 U B	0.800 J Z	5.42 U B, Z	0.616 J Z	5.97 U B, Z	5.11 U B, Z
1,2,3,7,8-PeCDF	ng/kg	0.338 J Z	0.228 J Z	1.00 J Z	0.753 J Z	0.637 J Z	5.97 U B, Z	5.11 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	0.219 J Z	5.70 U B	0.608 J Z	5.42 U B, Z	0.450 J Z	5.97 U B, Z	5.11 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	5.74 U B	5.70 U B	1.70 J Z	0.561 J Z	0.813 J Z	0.411 J Z	5.11 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	0.137 J Z	5.70 U B	0.564 J Z	5.42 U B, Z	0.335 J Z	5.97 U B, Z	5.11 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.74 U B	5.70 U B	5.58 J Z	5.42 U B, Z	1.21 J Z	1.06 J Z	5.11 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	0.227 J Z	5.70 U B	1.88 J Z	5.42 U B, Z	0.484 J Z	0.472 J Z	5.11 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	5.74 U B	5.70 U B	1.04 J Z	5.42 U B, Z	0.520 J Z	0.191 J Z	5.11 U B, Z
Aroclor 1260	ug/kg	2.0 U	2.0 U	19 U	1.2 J Z	1.9 U	3.8	1.8 U
Aroclor 1254	ug/kg	2	7.8	19 U	2.3	3.9	2.0 U	1.8 U
Aroclor 1268	ug/kg	2.0 U	2.0 U	19 U	1.8 U	1.9 U	2.0 U	1.8 U
Aroclor 1221	ug/kg	2.0 U	2.0 U	19 U	1.8 U	1.9 U	2.0 U	1.8 U
Aroclor 5460	ug/kg	3.9 UJ E	1.4 J L, Z	37 U	1.6 J Z	1.5 J Z	3.3 J Z	3.5 U
Aroclor 1232	ug/kg	2.0 U	2.0 U	19 U	1.8 U	1.9 U	2.0 U	1.8 U
Aroclor 5442	ug/kg	3.9 UJ E	3.8 U	37 U	3.6 U	3.6 U	3.9 U	3.5 U
Aroclor 1248	ug/kg	1.9 J Z	2.0 U	19 U	1.8 U	1.9 U	2.0 U	1.8 U
Aroclor 1016	ug/kg	2.0 U	2.0 U	19 U	1.8 U	1.9 U	2.0 U	1.8 U
Aroclor 1262	ug/kg	2.0 U	2.0 U	19 U	1.8 U	1.9 U	2.0 U	1.8 U
Aroclor 1242	ug/kg	2.0 U	2.0 U	19 U	1.8 U	1.9 U	2.0 U	1.8 U
Aroclor 5432	ug/kg	3.9 UJ E	3.8 U	37 U	3.6 U	3.6 U	3.9 U	3.5 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-136-SA8N-SB-9.0-10.0 05/11/2011 DX080 9 10	SL-137-SA8N-SS-0.0-0.5 04/20/2011 DX074 0 0.5	SL-137-SA8N-SB-4.0-5.0 05/10/2011 DX079 4 5	SL-137-SA8N-SB-9.0-10.0 05/10/2011 DX079 9 10	SL-139-SA8N-SS-0.0-0.5 04/19/2011 DX073 0 0.5	SL-138-SA8N-SS-0.0-0.5 04/19/2011 DX073 0 0.5	SL-140-SA8N-SS-0.0-0.5 04/19/2011 DX073 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.01 U	0.0807 J Z	1.10 U B, Z	1.12 U B, Z	1.04 U B, Z	1.08 UJ B, FD, Z	1.14 U B, Z
1,2,3,7,8,9-HxCDD	ng/kg	5.07 U B, Z	1.19 J Z	0.228 J Z	0.887 J Z	0.544 J Z	0.556 J Z	4.17 J Z
OCDD	ng/kg	10.1 U B, Z	769	12.9	92.2	29.3	28.5	736
1,2,3,4,6,7,8-HpCDD	ng/kg	5.07 U B, Z	80.2	1.34 J Z	13.3	3.17 J Z	3.55 J Z	171
OCDF	ng/kg	10.1 U B, Z	27.5	11.0 U B, Z	3.59 J Z	10.4 U B, Z	10.8 U B, Z	11.2 J Z
1,2,3,4,7,8-HxCDD	ng/kg	5.07 U	0.489 J Z	0.203 J Z	0.388 J Z	5.22 U B, Z	5.42 U B, Z	4.49 J Z
1,2,3,7,8-PeCDD	ng/kg	5.07 U B, Z	0.398 J Z	5.49 U B, Z	0.422 J Z	5.22 U B, Z	5.42 U B, Z	1.33 J Z
2,3,7,8-TCDF	ng/kg	1.01 U	0.925 J Z	1.10 U	0.743 J Z	1.04 U B, Z	0.231 J Z	0.393 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.07 U B, Z	0.702 J Z	5.49 U B, Z	5.58 U B, Z	5.22 U B, Z	5.42 UJ B, FD, Z	0.753 J Z
2,3,4,7,8-PeCDF	ng/kg	5.07 U B, Z	2.50 J Z	5.49 U B, Z	1.34 J Z	5.22 U B, Z	0.448 J Z	0.819 J Z
1,2,3,7,8-PeCDF	ng/kg	5.07 U B, Z	0.487 J Z	0.352 J Z	0.977 J Z	5.22 U B, Z	0.352 J Z	0.744 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.07 U B, Z	0.808 J Z	5.49 U B, Z	0.956 J Z	5.22 U B, Z	5.42 U B, Z	0.683 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.07 U B, Z	2.52 J Z	5.49 U B, Z	1.07 J Z	0.403 J Z	0.490 J Z	5.04 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.07 U B, Z	1.02 J Z	5.49 U B, Z	1.25 J Z	5.22 U B, Z	5.42 U B, Z	0.582 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.07 U B, Z	8.63	5.49 U B, Z	3.72 J Z	5.22 U B, Z	0.804 J Z	6.37
1,2,3,4,7,8-HxCDF	ng/kg	5.07 U B, Z	1.26 J Z	5.49 U B, Z	1.27 J Z	5.22 U B, Z	5.42 U B, Z	1.06 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.07 U B, Z	0.284 J Z	5.49 U B, Z	0.503 J Z	5.22 U B, Z	5.42 U B, Z	0.532 J Z
Aroclor 1260	ug/kg	1.8 U	8.1 J Z	1.9 U	0.50 J Z	0.68 J Z	1.2 J S, Z	1.7 J Z
Aroclor 1254	ug/kg	1.8 U	16	2.8	1.9 U	0.75 J Z	0.86 J S, Z	1.5 J Z
Aroclor 1268	ug/kg	1.8 U	8.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
Aroclor 1221	ug/kg	1.8 U	8.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
Aroclor 5460	ug/kg	3.4 U	9.4 J Z	4	3.8 U	1.7 J Z	2.2 J S, Z	2.5 J Z
Aroclor 1232	ug/kg	1.8 U	8.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
Aroclor 5442	ug/kg	3.4 U	17 U	3.7 U	3.8 U	3.5 U	3.6 U	3.8 U
Aroclor 1248	ug/kg	1.8 U	8.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
Aroclor 1016	ug/kg	1.8 U	8.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
Aroclor 1262	ug/kg	1.8 U	8.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
Aroclor 1242	ug/kg	1.8 U	8.8 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U
Aroclor 5432	ug/kg	3.4 U	17 U	3.7 U	3.8 U	3.5 U	3.6 U	3.8 U

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R - Result is rejected

Sample Name		SL-140-SA8N-SB-3.0-4.0	SL-141-SA8N-SS-0.0-0.5	SL-141-SA8N-SB-4.0-5.0
Sample Date		06/07/2011	04/15/2011	05/09/2011
SDG		DX099	DX072	DX080
Start Depth		3	0	4
End Depth		4	0.5	5
Chemical Name	Unit			
2,3,7,8-TCDD	ng/kg	0.0696 J Z	1.14 U	1.19 U B, Z
1,2,3,7,8,9-HxCDD	ng/kg	5.66 U B	5.68 U B, Z	0.336 J Z
OCDD	ng/kg	22.1	27.5	6.16 J FD, Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.03 J Z	3.01 J Z	5.95 UJ B, FD, Z
OCDF	ng/kg	11.3 U B	6.09 J Z	11.9 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	0.206 J Z	5.68 U B, Z	0.168 J FD, Z
1,2,3,7,8-PeCDD	ng/kg	0.167 J Z	5.68 U B, Z	0.332 J Z
2,3,7,8-TCDF	ng/kg	0.0629 J Z	0.144 J Z	0.0838 J FD, Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.66 U B	5.68 U B, Z	5.95 UJ B, FD, Z
2,3,4,7,8-PeCDF	ng/kg	5.66 U B	5.68 U B, Z	5.95 UJ B, FD, Z
1,2,3,7,8-PeCDF	ng/kg	0.184 J Z	0.758 J Z	5.95 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.66 U B	5.68 U B, Z	0.192 J Z
1,2,3,6,7,8-HxCDD	ng/kg	0.318 J Z	5.68 U B, Z	5.95 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	5.66 U B	5.68 U B, Z	5.95 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.66 U B	1.51 J Z	5.95 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	5.66 U B	0.485 J Z	5.95 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	5.66 U B	5.68 U B, Z	5.95 U B, Z
Aroclor 1260	ug/kg	1.9 U	1.9 U	2.0 U
Aroclor 1254	ug/kg	1.9 U	2.3	2.0 U
Aroclor 1268	ug/kg	1.9 U	1.9 U	2.0 U
Aroclor 1221	ug/kg	1.9 U	1.9 U	2.0 U
Aroclor 5460	ug/kg	3.7 U	3.8 U	4.0 U
Aroclor 1232	ug/kg	1.9 U	1.9 U	2.0 U
Aroclor 5442	ug/kg	3.7 U	3.8 U	4.0 U
Aroclor 1248	ug/kg	1.9 U	1.9 U	2.0 U
Aroclor 1016	ug/kg	1.9 U	1.9 U	2.0 U
Aroclor 1262	ug/kg	1.9 U	1.9 U	2.0 U
Aroclor 1242	ug/kg	1.9 U	1.9 U	2.0 U
Aroclor 5432	ug/kg	3.7 U	3.8 U	4.0 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-001-SA8N-SB-4.0-5.0 05/26/2011 DE165 4 5	SL-001-SA8N-SB-9.0-10.0 05/26/2011 DE165 9 10	SL-002-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-002-SA8N-SB-4.0-5.0 05/26/2011 DE166 4 5	SL-002-SA8N-SB-9.0-10.0 05/26/2011 DE166 9 10
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	2.1 U	2.0 U	1.9 U	2.1 U	2.0 U	2.0 U
2,4-Dinitrotoluene	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Nitrobenzene	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
1,4-Dichlorobenzene	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
1,2,4-Trichlorobenzene	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
1,3-Dichlorobenzene	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Hexachlorobutadiene	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
1,2-Dichlorobenzene	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
4-Nitroaniline	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
4-Nitrophenol	ug/kg	630 U	590 U	560 U	610 U	600 U	590 U
4-Bromophenyl Phenyl Ether	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
2,4-Dimethylphenol	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
4-Methylphenol	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
4-Chloroaniline	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
3,5-Dimethylphenol	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Phenol	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	25 J Z	21 J Z	--	23 J Z	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	21 U	20 U	--	22 UJ FD	21 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	23 U	21 U	20 U	22 U	22 U	21 U
Hexachlorobenzene	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	2.1 U	2.0 U	1.9 U	2.1 U	2.0 U	2.0 U
2,4-Dichlorophenol	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
1,2-Diphenylhydrazine	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.2 J Z	2.0 U	1.9 U	1.6 J Z	2.0 U	2.0 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	23 U	21 U	20 U	22 U	22 U	21 U
Dibenzofuran	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	2.1 U	2.0 U	1.9 U	2.1 U	2.0 U	2.0 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	2.1 U	2.0 U	1.9 U	2.1 U	2.0 U	2.0 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.6 J Z	2.0 U	1.9 U	1.8 J Z	2.0 U	2.0 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.3 J Z	2.0 U	1.9 U	2.1	2.0 U	2.0 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	2.1 U	2.0 U	1.9 U	2.1 U	2.0 U	2.0 U
Acenaphthylene	ug/kg	2.1 U	2.0 U	1.9 U	2.1 U	2.0 U	2.0 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-001-SA8N-SB-4.0-5.0 05/26/2011 DE165 4 5	SL-001-SA8N-SB-9.0-10.0 05/26/2011 DE165 9 10	SL-002-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-002-SA8N-SB-4.0-5.0 05/26/2011 DE166 4 5	SL-002-SA8N-SB-9.0-10.0 05/26/2011 DE166 9 10
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.4 J Z	2.0 U	1.9 U	1.5 J Z	2.0 U	2.0 U
bis(2-Chloroisopropyl) ether	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	2.1 U	2.0 U	1.9 U	2.1 U	2.0 U	2.0 U
2,4-Dinitrophenol	ug/kg	1300 U	1200 U	1100 U	1200 U	1200 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	630 U	590 U	560 U	610 U	600 U	590 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	2.1 U	2.0 U	1.9 U	2.1 U	2.0 U	2.0 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	2.1 U	2.0 U	1.9 U	2.1 U	2.0 U	2.0 U
4-Chloro-3-Methylphenol	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
N-Nitroso-Di-N-Propylamine	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Aniline	ug/kg	630 U	590 U	560 U	610 U	600 U	590 U
Benzoic Acid	ug/kg	630 U	590 U	560 U	610 U	600 U	590 U
Hexachloroethane	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
4-Chlorophenyl Phenylether	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Hexachlorocyclopentadiene	ug/kg	630 U	590 U	560 U	610 U	600 U	590 U
Isophorone	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	2.1 U	2.0 U	1.9 U	2.1 U	2.0 U	2.0 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	23 U	21 U	20 U	22 U	22 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	23 U	21 U	20 U	22 U	22 U	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	0.87 J Z	2.0 U	1.9 U	1.4 J Z	2.0 U	2.0 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	23 U	21 U	20 U	22 U	22 U	21 U
N-Nitrosodiphenylamine	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Fluorene	ug/kg	2.1 U	2.0 U	1.9 U	2.1 U	2.0 U	2.0 U
Carbazole	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Pentachlorophenol	ug/kg	630 U	590 U	560 U	610 U	600 U	590 U
2,4,6-Trichlorophenol	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
2-Nitroaniline	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
2-Nitrophenol	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
1-Methylnaphthalene	ug/kg	2.1 U	2.0 U	1.9 U	2.1 U	2.0 U	2.0 U
Naphthalene	ug/kg	0.87 J Z	2.0 U	1.9 U	1.1 J Z	2.0 U	2.0 U
2-Methylnaphthalene	ug/kg	2.1 U	2.0 U	1.9 U	2.1 U	2.0 U	2.0 U
2-Chloronaphthalene	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
3,3`-Dichlorobenzidine	ug/kg	420 U	390 U	370 U	410 U	400 U	390 U
Benidine	ug/kg	4200 U	3900 U	3700 U	4100 U	4000 U	3900 U
2-Methylphenol	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
2-Chlorophenol	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
2,4,5-Trichlorophenol	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U

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Sample Name		SL-001-SA8N-SS-0.0-0.5	SL-001-SA8N-SB-4.0-5.0	SL-001-SA8N-SB-9.0-10.0	SL-002-SA8N-SS-0.0-0.5	SL-002-SA8N-SB-4.0-5.0	SL-002-SA8N-SB-9.0-10.0
Sample Date		04/11/2011	05/26/2011	05/26/2011	04/11/2011	05/26/2011	05/26/2011
SDG		DE124	DE165	DE165	DE124	DE166	DE166
Start Depth		0	4	9	0	4	9
End Depth		0.5	5	10	0.5	5	10
3-Nitroaniline	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U
Benzyl Alcohol	ug/kg	630 U	590 U	560 U	610 U	600 U	590 U
2,6-Dinitrotoluene	ug/kg	210 U	200 U	190 U	200 U	200 U	200 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-003-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-003-SA8N-SB-4.0-5.0 05/27/2011 DE167 4 5	SL-003-SA8N-SB-9.0-10.0 05/27/2011 DE167 9 10	SL-004-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-004-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5	SL-004-SA8N-SB-9.0-10.0 04/21/2011 DE134 9 10
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U
2,4-Dinitrotoluene	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Nitrobenzene	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Hexachlorobutadiene	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
4-Nitroaniline	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
4-Nitrophenol	ug/kg	620 U	590 U	610 U	570 U	580 U	560 U
4-Bromophenyl Phenyl Ether	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
2,4-Dimethylphenol	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
4-Methylphenol	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
4-Chloroaniline	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Phenol	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	24 J Z	25 J Z	23 J Z	25 J Z	23 J Z	24 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	22 U	21 U	22 U	21 U	21 UJ C	20 UJ C
Hexachlorobenzene	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U
2,4-Dichlorophenol	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.7 J Z	2.0 U	2.0 U	1.9	2.0 U	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	22 U	21 U	22 U	21 U	21 U	20 U
Dibenzofuran	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.8 J Z	2.0 U	2.0 U	2.5	2.0 UJ C	1.9 UJ C
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	2.1	2.0 U	2.0 U	2.2	2.0 U	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U
Acenaphthylene	ug/kg	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U

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J - Result is an estimated value
R - Result is rejected

	Sample Name Sample Date SDG Start Depth End Depth	SL-003-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-003-SA8N-SB-4.0-5.0 05/27/2011 DE167 4 5	SL-003-SA8N-SB-9.0-10.0 05/27/2011 DE167 9 10	SL-004-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-004-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5	SL-004-SA8N-SB-9.0-10.0 04/21/2011 DE134 9 10
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.8 J Z	2.0 U	2.0 U	1.9	2.0 U	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.0 J Z	2.0 U	2.0 U	1.2 J Z	2.0 U	1.9 U
2,4-Dinitrophenol	ug/kg	1200 U	1200 UJ L	1200 UJ L	1100 U	1200 UJ L	1100 UJ L
4,6-Dinitro-2-Methylphenol	ug/kg	620 U	590 U	610 U	570 U	580 U	560 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	0.84 J Z	2.0 U	2.0 U	1.0 J Z	2.0 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Aniline	ug/kg	620 U	590 U	610 U	570 U	580 U	560 U
Benzoic Acid	ug/kg	620 U	590 U	610 U	570 U	580 U	560 U
Hexachloroethane	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	620 U	590 U	610 U	570 U	580 U	560 U
Isophorone	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	22 U	21 U	22 U	21 U	21 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	22 U	21 U	22 U	72	21 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.3 J Z	2.0 U	2.0 U	1.5 J Z	2.0 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	22 U	21 U	22 U	21 U	21 U	20 U
N-Nitrosodiphenylamine	ug/kg	210 U	200 U	200 U	26 J Z	190 U	190 U
Fluorene	ug/kg	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U
Carbazole	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Pentachlorophenol	ug/kg	620 U	590 U	610 U	570 U	580 U	560 U
2,4,6-Trichlorophenol	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
2-Nitroaniline	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
2-Nitrophenol	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
1-Methylnaphthalene	ug/kg	2.0 U	2.0 U	2.0 U	0.96 J Z	2.0 U	1.9 U
Naphthalene	ug/kg	2.0 U	2.0 U	2.0 U	1.2 J Z	2.0 U	1.9 U
2-Methylnaphthalene	ug/kg	2.0 U	2.0 U	2.0 U	1.4 J Z	2.0 U	1.9 U
2-Chloronaphthalene	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
3,3`-Dichlorobenzidine	ug/kg	410 U	390 U	410 U	380 U	390 U	370 U
Benidine	ug/kg	4100 U	3900 U	4100 U	3800 U	3900 U	3700 U
2-Methylphenol	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
2-Chlorophenol	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U

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J - Result is an estimated value
R - Result is rejected

Sample Name		SL-003-SA8N-SS-0.0-0.5	SL-003-SA8N-SB-4.0-5.0	SL-003-SA8N-SB-9.0-10.0	SL-004-SA8N-SS-0.0-0.5	SL-004-SA8N-SB-4.0-5.0	SL-004-SA8N-SB-9.0-10.0
Sample Date		04/11/2011	05/27/2011	05/27/2011	04/11/2011	04/21/2011	04/21/2011
SDG		DE124	DE167	DE167	DE124	DE134	DE134
Start Depth		0	4	9	0	4	9
End Depth		0.5	5	10	0.5	5	10
3-Nitroaniline	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U
Benzyl Alcohol	ug/kg	620 U	590 U	610 U	570 U	580 U	560 U
2,6-Dinitrotoluene	ug/kg	210 U	200 U	200 U	190 U	190 U	190 U

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J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-005-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-005-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5	SL-005-SA8N-SB-8.0-9.0 04/21/2011 DE134 8 9	SL-006-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-006-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5	SL-006-SA8N-SB-8.0-9.0 04/21/2011 DE134 8 9	SL-007-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5
Chemical Name	Unit							
N-Nitrosodimethylamine (1625C)	ng/kg	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.7 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U
2,4-Dinitrotoluene	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Nitrobenzene	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
1,4-Dichlorobenzene	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
1,2,4-Trichlorobenzene	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
1,3-Dichlorobenzene	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Hexachlorobutadiene	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
1,2-Dichlorobenzene	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
4-Nitroaniline	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
4-Nitrophenol	ug/kg	520 U	570 U	550 U	570 U	600 U	580 U	600 U
4-Bromophenyl Phenyl Ether	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
2,4-Dimethylphenol	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
4-Methylphenol	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
4-Chloroaniline	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
3,5-Dimethylphenol	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Phenol	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	79 J Z	21 J Z	26 J Z	20 J Z	20 J Z	24 J Z	30 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	12 J Z	21 UJ C	20 UJ C	9.5 J Z	22 UJ C	21 UJ C	10 J Z
Hexachlorobenzene	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.7 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U
2,4-Dichlorophenol	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
1,2-Diphenylhydrazine	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.4 J Z	1.9 U	1.9 U	2.9	2.0 U	2.0 U	2.9
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	19 U	21 U	20 U	21 U	22 U	21 U	22 U
Dibenzofuran	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.7 U	1.9 U	1.9 U	1.2 J Z	2.0 U	2.0 U	1.0 J Z
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.7 U	1.9 U	1.9 U	0.94 J Z	2.0 U	2.0 U	0.87 J Z
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.0 J Z	1.9 UJ C	1.9 UJ C	2.8	2.0 UJ C	2.0 UJ C	2.4
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.7	1.9 U	1.9 U	3.6	2.0 U	2.0 U	3.6
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.7 U	1.9 U	1.9 U	1.1 J Z	2.0 U	2.0 U	0.84 J Z
Acenaphthylene	ug/kg	1.7 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

	Sample Name Sample Date SDG Start Depth End Depth	SL-005-SA8N-SS-0.0-0.5	SL-005-SA8N-SB-4.0-5.0	SL-005-SA8N-SB-8.0-9.0	SL-006-SA8N-SS-0.0-0.5	SL-006-SA8N-SB-4.0-5.0	SL-006-SA8N-SB-8.0-9.0	SL-007-SA8N-SS-0.0-0.5
		04/11/2011 DE124 0 0.5	04/21/2011 DE134 4 5	04/21/2011 DE134 8 9	04/11/2011 DE124 0 0.5	04/21/2011 DE134 4 5	04/21/2011 DE134 8 9	04/11/2011 DE124 0 0.5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.0 J Z	1.9 U	1.9 U	2.5	2.0 U	2.0 U	2.7
bis(2-Chloroisopropyl) ether	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.7 U	1.9 U	1.9 U	1.5 J Z	2.0 U	2.0 U	1.1 J Z
2,4-Dinitrophenol	ug/kg	1000 U	1100 UJ L	1100 UJ L	1100 U	1200 UJ L	1200 UJ L	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	520 U	570 U	550 U	570 U	600 U	580 U	600 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.7 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.7 U	1.9 U	1.9 U	1.5 J Z	2.0 U	2.0 U	1.2 J Z
4-Chloro-3-Methylphenol	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
N-Nitroso-Di-N-Propylamine	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Aniline	ug/kg	520 U	570 U	550 U	570 U	600 U	580 U	600 U
Benzoic Acid	ug/kg	520 U	570 U	550 U	570 U	600 U	580 U	600 U
Hexachloroethane	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
4-Chlorophenyl Phenylether	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Hexachlorocyclopentadiene	ug/kg	520 U	570 U	550 U	570 U	600 U	580 U	600 U
Isophorone	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.7 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	19 U	21 U	20 U	21 U	22 U	21 U	22 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	19 U	21 U	20 U	21 U	22 U	21 U	22 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	0.92 J Z	1.9 U	1.9 U	2.2	2.0 U	2.0 U	2.3
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	19 U	21 U	20 U	21 U	22 U	21 U	22 U
N-Nitrosodiphenylamine	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Fluorene	ug/kg	1.7 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U
Carbazole	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Pentachlorophenol	ug/kg	520 U	570 U	550 U	570 U	600 U	580 U	600 U
2,4,6-Trichlorophenol	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
2-Nitroaniline	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
2-Nitrophenol	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
1-Methylnaphthalene	ug/kg	1.7 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U
Naphthalene	ug/kg	1.7 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.6 J Z
2-Methylnaphthalene	ug/kg	1.7 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.3 J Z
2-Chloronaphthalene	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
3,3`-Dichlorobenzidine	ug/kg	350 U	380 U	370 U	380 U	400 U	390 U	400 U
Benzidine	ug/kg	3500 U	3800 U	3700 U	3800 U	4000 U	3900 U	4000 U
2-Methylphenol	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
2-Chlorophenol	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
2,4,5-Trichlorophenol	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U

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Sample Name		SL-005-SA8N-SS-0.0-0.5	SL-005-SA8N-SB-4.0-5.0	SL-005-SA8N-SB-8.0-9.0	SL-006-SA8N-SS-0.0-0.5	SL-006-SA8N-SB-4.0-5.0	SL-006-SA8N-SB-8.0-9.0	SL-007-SA8N-SS-0.0-0.5
Sample Date		04/11/2011	04/21/2011	04/21/2011	04/11/2011	04/21/2011	04/21/2011	04/11/2011
SDG		DE124	DE134	DE134	DE124	DE134	DE134	DE124
Start Depth		0	4	8	0	4	8	0
End Depth		0.5	5	9	0.5	5	9	0.5
3-Nitroaniline	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U
Benzyl Alcohol	ug/kg	520 U	570 U	550 U	570 U	600 U	580 U	600 U
2,6-Dinitrotoluene	ug/kg	170 U	190 U	180 U	190 U	200 U	190 U	200 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-007-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5	SL-007-SA8N-SB-9.0-10.0 04/22/2011 DE135 9 10	SL-008-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-008-SA8N-SB-4.0-5.0 05/26/2011 DE166 4 5	SL-008-SA8N-SB-9.0-10.0 05/26/2011 DE166 9 10	SL-009-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	2.0 U
2,4-Dinitrotoluene	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
Nitrobenzene	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
Hexachlorobutadiene	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
1,2-Dichlorobenzene	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
4-Nitroaniline	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
4-Nitrophenol	ug/kg	580 U	570 U	540 U	590 U	580 U	590 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
4-Methylphenol	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
4-Chloroaniline	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
Phenol	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	31 J Z	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	21 U	21 U	--	9.8 J Z	11 J Z	21 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	21 U	20 U	21 U	21 U	21 U
Hexachlorobenzene	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	2.0 U
2,4-Dichlorophenol	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	0.96 J Z	2.0 U	1.9 U	2.0 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	21 U	20 U	21 U	21 U	21 U
Dibenzofuran	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	2.2	2.0 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	2.2	2.0 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.1 J Z	2.0 U	1.1 J Z	2.0 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.4 J Z	2.0 U	1.9 U	2.0 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	1.1 J Z	2.0 U
Acenaphthylene	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	2.0 U

U - Compound not detected above the reporting limit
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R - Result is rejected

Sample Name	Sample Date	SDG	Start Depth	End Depth	SL-007-SA8N-SB-4.0-5.0	SL-007-SA8N-SB-9.0-10.0	SL-008-SA8N-SS-0.0-0.5	SL-008-SA8N-SB-4.0-5.0	SL-008-SA8N-SB-9.0-10.0	SL-009-SA8N-SS-0.0-0.5
					04/22/2011 DE135 4 5	04/22/2011 DE135 9 10	04/11/2011 DE124 0 0.5	05/26/2011 DE166 4 5	05/26/2011 DE166 9 10	04/11/2011 DE124 0 0.5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.5 J Z	0.47 J Z	1.9 U	2.0 U			
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	2.0 U			
2,4-Dinitrophenol	ug/kg	1200 U	1100 U	1100 U	1200 U	1200 U	1200 U			
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	570 U	540 U	590 U	580 U	590 U			
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	2.2	2.0 U			
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	2.0 U			
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			
Aniline	ug/kg	580 U	570 U	540 U	590 U	580 U	590 U			
Benzoic Acid	ug/kg	580 U	570 U	540 U	590 U	580 U	590 U			
Hexachloroethane	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			
Hexachlorocyclopentadiene	ug/kg	580 U	570 U	540 U	590 U	580 U	590 U			
Isophorone	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	2.0 U			
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	21 U	20 U	21 U	21 U	21 U			
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	21 U	20 U	21 U	21 U	21 U			
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	1.9 U	0.86 J Z	2.0 U	1.9 U	2.0 U			
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	21 U	20 U	21 U	21 U	21 U			
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			
Fluorene	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	2.0 U			
Carbazole	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			
Pentachlorophenol	ug/kg	580 U	570 U	540 U	590 U	580 U	590 U			
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			
2-Nitroaniline	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			
2-Nitrophenol	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			
1-Methylnaphthalene	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	2.0 U			
Naphthalene	ug/kg	1.9 U	1.9 U	1.1 J Z	2.0 U	1.9 U	2.0 U			
2-Methylnaphthalene	ug/kg	1.9 U	1.9 U	0.90 J Z	2.0 U	1.9 U	2.0 U			
2-Chloronaphthalene	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			
3,3`-Dichlorobenzidine	ug/kg	390 U	380 U	360 U	400 U	380 U	390 U			
Benidine	ug/kg	3900 U	3800 U	3600 U	4000 U	3800 U	3900 U			
2-Methylphenol	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			
2-Chlorophenol	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			
2,4,5-Trichlorophenol	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U			

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J - Result is an estimated value
R - Result is rejected

Sample Name		SL-007-SA8N-SB-4.0-5.0	SL-007-SA8N-SB-9.0-10.0	SL-008-SA8N-SS-0.0-0.5	SL-008-SA8N-SB-4.0-5.0	SL-008-SA8N-SB-9.0-10.0	SL-009-SA8N-SS-0.0-0.5
Sample Date		04/22/2011	04/22/2011	04/11/2011	05/26/2011	05/26/2011	04/11/2011
SDG		DE135	DE135	DE124	DE166	DE166	DE124
Start Depth		4	9	0	4	9	0
End Depth		5	10	0.5	5	10	0.5
3-Nitroaniline	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U
Benzyl Alcohol	ug/kg	580 U	570 U	540 U	590 U	580 U	590 U
2,6-Dinitrotoluene	ug/kg	190 U	190 U	180 U	200 U	190 U	200 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-010-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-010-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5	SL-010-SA8N-SB-9.0-10.0 04/22/2011 DE135 9 10	SL-011-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-011-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5	SL-011-SA8N-SB-9.0-10.0 04/22/2011 DE135 9 10
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	685	88.8	58.6	380 J Z	62.9	98.2
N-Nitrosodimethylamine (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	9.7 U	2.0 U	1.9 U
2,4-Dinitrotoluene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Nitrobenzene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Hexachlorobutadiene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
4-Nitroaniline	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
4-Nitrophenol	ug/kg	590 U	580 U	590 U	580 U	580 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
2,4-Dimethylphenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
4-Methylphenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
4-Chloroaniline	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Phenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	42 J Z	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	--	9.1 J Z	21 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	190 U	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	--	21 U	21 U
Hexachlorobenzene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	9.7 U	2.0 U	1.9 U
2,4-Dichlorophenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	25 J Z	--	--
Pyrene (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	--	2.0 U	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	190 U	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	--	21 U	21 U
Dibenzofuran	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	7.9 J Z	2.0 U	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	6.7 J Z	2.0 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	25	2.0 U	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	24	2.0 U	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	9.8	2.0 U	1.9 U
Acenaphthylene	ug/kg	2.0 U	1.9 U	2.0 U	9.7 U	2.0 U	1.9 U

U - Compound not detected above the reporting limit
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R - Result is rejected

	Sample Name Sample Date SDG Start Depth End Depth	SL-010-SA8N-SS-0.0-0.5	SL-010-SA8N-SB-4.0-5.0	SL-010-SA8N-SB-9.0-10.0	SL-011-SA8N-SS-0.0-0.5	SL-011-SA8N-SB-4.0-5.0	SL-011-SA8N-SB-9.0-10.0
		04/11/2011	04/22/2011	04/22/2011	04/11/2011	04/22/2011	04/22/2011
		DE124	DE135	DE135	DE124	DE135	DE135
		0	4	9	0	4	9
		0.5	5	10	0.5	5	10
Chrysene (8270C)	ug/kg	--	--	--	28 J Z	--	--
Chrysene (8270C SIM)	ug/kg	0.87 J Z	1.9 U	2.0 U	--	2.0 U	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	14	2.0 U	1.9 U
2,4-Dinitrophenol	ug/kg	1200 U	1200 U	1200 U	1200 U	1200 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	590 U	580 U	590 U	580 U	580 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	9.7 U	2.0 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	15	2.0 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Aniline	ug/kg	590 U	580 U	590 U	580 U	580 U	580 U
Benzoic Acid	ug/kg	590 U	580 U	590 U	580 U	580 U	580 U
Hexachloroethane	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	590 U	580 U	590 U	580 U	580 U	580 U
Isophorone	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	9.7 U	2.0 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	190 U	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	--	21 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	190 U	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	--	21 U	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	7.9 J Z	2.0 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	190 U	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	--	21 U	21 U
N-Nitrosodiphenylamine	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Fluorene	ug/kg	2.0 U	1.9 U	2.0 U	9.7 U	2.0 U	1.9 U
Carbazole	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Pentachlorophenol	ug/kg	590 U	580 U	590 U	580 U	580 U	580 U
2,4,6-Trichlorophenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
2-Nitroaniline	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
2-Nitrophenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
1-Methylnaphthalene	ug/kg	2.0 U	1.9 U	2.0 U	9.7 U	2.0 U	1.9 U
Naphthalene	ug/kg	2.0 U	1.9 U	2.0 U	9.7 U	2.0 U	1.9 U
2-Methylnaphthalene	ug/kg	2.0 U	1.9 U	2.0 U	9.7 U	2.0 U	1.9 U
2-Chloronaphthalene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
3,3`-Dichlorobenzidine	ug/kg	390 U	390 U	390 U	390 U	390 U	390 U
Benidine	ug/kg	3900 U	3900 U	3900 U	3900 U	3900 U	3900 U
2-Methylphenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
2-Chlorophenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U

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Sample Name		SL-010-SA8N-SS-0.0-0.5	SL-010-SA8N-SB-4.0-5.0	SL-010-SA8N-SB-9.0-10.0	SL-011-SA8N-SS-0.0-0.5	SL-011-SA8N-SB-4.0-5.0	SL-011-SA8N-SB-9.0-10.0
Sample Date		04/11/2011	04/22/2011	04/22/2011	04/11/2011	04/22/2011	04/22/2011
SDG		DE124	DE135	DE135	DE124	DE135	DE135
Start Depth		0	4	9	0	4	9
End Depth		0.5	5	10	0.5	5	10
3-Nitroaniline	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U
Benzyl Alcohol	ug/kg	590 U	580 U	590 U	580 U	580 U	580 U
2,6-Dinitrotoluene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-012-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-012-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-013-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-013-SA8N-SB-2.0-3.0 04/29/2011 DE140 2 3	SL-014-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-014-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-015-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5
Chemical Name	Unit							
N-Nitrosodimethylamine (1625C)	ng/kg	378 U	201	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	9.6 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
Nitrobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
Hexachlorobutadiene	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	190 UJ L	200 U	190 U	190 U	190 U	190 U	190 UJ L
4-Nitroaniline	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
4-Nitrophenol	ug/kg	570 U	590 U	580 U	570 U	580 U	570 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
4-Methylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
4-Chloroaniline	ug/kg	190 UJ Q	200 U	190 U	190 U	190 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
Phenol	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	28 J Z	--	31 J Z	380 U	51 J Z	--	25 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	21 U B	--	--	--	21 U	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	190 U	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 UJ F, C	8.9 J Z	--	8.7 J Z	21 U	8.8 J Z	21 UJ F, C
Hexachlorobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	9.6 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	2.3	1.9 U	9.6 UJ FD	1.9 U	3.7	1.9 U	0.90 J Z
Dimethylphthalate (8270C)	ug/kg	--	--	190 U	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	21 U	--	20 U	21 U	21 U	21 U
Dibenzofuran	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.5 J Z	1.9 U	9.6 U	1.9 U	1.2 J Z	1.9 U	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	9.6 U	1.9 U	1.2 J Z	1.9 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	2.0 J C	1.9 U	9.6 UJ FD	0.89 J Z	3.3	1.9 U	1.0 J Z, C
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	2.5	1.9 U	9.6 UJ FD	1.9 U	4.3	1.9 U	1.1 J Z
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	0.84 J Z	1.9 U	9.6 U	1.9 U	1.2 J Z	1.9 U	1.9 U
Acenaphthylene	ug/kg	1.9 U	1.9 U	9.6 U	1.9 U	1.9 U	1.9 U	1.9 U

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Sample Name	Sample Date	SDG	Start Depth	End Depth	SL-012-SA8N-SS-0.0-0.5	SL-012-SA8N-SB-4.0-5.0	SL-013-SA8N-SS-0.0-0.5	SL-013-SA8N-SB-2.0-3.0	SL-014-SA8N-SS-0.0-0.5	SL-014-SA8N-SB-4.0-5.0	SL-015-SA8N-SS-0.0-0.5
					04/12/2011 DE125 0 0.5	05/02/2011 DE141 4 5	04/11/2011 DE124 0 0.5	04/29/2011 DE140 2 3	04/11/2011 DE124 0 0.5	04/29/2011 DE140 4 5	04/12/2011 DE125 0 0.5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	3.9	1.9 U	9.6 UJ FD	0.64 J Z	3.1	1.9 U	2.4			
bis(2-Chloroisopropyl) ether	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.1 J Z	1.9 U	9.6 UJ FD	1.9 U	1.8 J Z	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1200 U	1200 U	1100 U	1200 U	1100 U	1200 U	1100 U	1200 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	570 U	590 U	580 U	570 U	580 U	570 U	580 U	570 U	580 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	9.6 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.1 J Z	1.9 U	9.6 U	1.9 U	1.5 J Z	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
Aniline	ug/kg	570 U	590 U	580 U	570 U	580 U	570 U	580 U	570 U	580 U	580 U
Benzoic Acid	ug/kg	570 U	590 U	580 U	570 U	580 U	570 U	580 U	570 U	580 U	580 U
Hexachloroethane	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	200 U	190 UJ Q	190 U	190 U	190 U	190 U	190 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	570 U	590 U	580 U	570 U	580 U	570 U	580 U	570 U	580 U	580 U
Isophorone	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.9 U	9.6 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	190 U	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	21 U	--	20 U	21 U	21 U	21 U	21 U	21 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	190 U	--	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	21 U	--	20 U	21 U	21 U	21 U	21 U	21 U	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.1 J Z	1.9 U	9.6 U	1.9 U	1.8 J Z	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	190 U	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	21 U	--	20 U	21 U	21 U	21 U	21 U	21 U	21 U
N-Nitrosodiphenylamine	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
Fluorene	ug/kg	1.9 U	1.9 U	9.6 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Carbazole	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
Pentachlorophenol	ug/kg	570 U	590 U	580 U	570 U	580 U	570 U	580 U	570 U	580 U	580 U
2,4,6-Trichlorophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
2-Nitroaniline	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
2-Nitrophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
1-Methylnaphthalene	ug/kg	1.9 U	1.9 U	9.6 U	1.9 U	1.1 J Z	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Naphthalene	ug/kg	1.9 U	1.9 U	9.6 U	1.9 U	2.3	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Methylnaphthalene	ug/kg	1.9 U	1.9 U	9.6 U	1.9 U	2.3	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Chloronaphthalene	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
3,3`-Dichlorobenzidine	ug/kg	380 U	390 U	380 U	380 U	380 U	380 U	380 U	380 U	380 U	390 U
Benidine	ug/kg	3800 UJ Q	3900 U	3800 UJ Q	3800 U	3800 U	3800 U	3800 U	3800 U	3800 U	3900 U
2-Methylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
2-Chlorophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U

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Sample Name		SL-012-SA8N-SS-0.0-0.5	SL-012-SA8N-SB-4.0-5.0	SL-013-SA8N-SS-0.0-0.5	SL-013-SA8N-SB-2.0-3.0	SL-014-SA8N-SS-0.0-0.5	SL-014-SA8N-SB-4.0-5.0	SL-015-SA8N-SS-0.0-0.5
Sample Date		04/12/2011	05/02/2011	04/11/2011	04/29/2011	04/11/2011	04/29/2011	04/12/2011
SDG		DE125	DE141	DE124	DE140	DE124	DE140	DE125
Start Depth		0	4	0	2	0	4	0
End Depth		0.5	5	0.5	3	0.5	5	0.5
3-Nitroaniline	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U
Benzyl Alcohol	ug/kg	570 U	590 U	580 U	570 U	580 U	570 U	580 U
2,6-Dinitrotoluene	ug/kg	190 U	200 U	190 U	190 U	190 U	190 U	190 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-015-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-016-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-016-SA8N-SB-3.0-4.0 05/03/2011 DE142 3 4	SL-017-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-017-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-017-SA8N-SB-7.0-8.0 04/29/2011 DE140 7 8	SL-018-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5
Chemical Name	Unit							
N-Nitrosodimethylamine (1625C)	ng/kg	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	2.0 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Nitrobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Hexachlorobutadiene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	190 UJ L	190 U	180 U	190 U	190 U	190 UJ L
4-Nitroaniline	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
4-Nitrophenol	ug/kg	580 U	570 U	570 U	550 U	560 U	580 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
4-Methylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
4-Chloroaniline	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Phenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	880	--	--	--	390 U	21 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	8.2 J Z	--	16 J Z	20 U	20 U B	--	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	9.7 J Z	21 UJ F, C	9.2 J Z	20 U	11 J Z	9.2 J Z	21 UJ F, C
Hexachlorobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	2.0 U	0.83 J Z	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	2.0 U	6.9	1.9 U	1.8 U	1.9 U	1.9 U	2
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	20 U	20 U	21 U	21 U
Dibenzofuran	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	2.0 U	1.5 J Z	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	2.0 U	1.3 J Z	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	2.0 U	5.2 J C	1.9 U	1.8 U	1.9 U	1.9 U	1.7 J Z, C
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	2.0 U	6.3	1.9 U	1.8 U	1.9 U	1.9 U	2.2
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	2.0 U	2.8	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Acenaphthylene	ug/kg	2.0 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U

U - Compound not detected above the reporting limit
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	Sample Name Sample Date SDG Start Depth End Depth	SL-015-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-016-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-016-SA8N-SB-3.0-4.0 05/03/2011 DE142 3 4	SL-017-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-017-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-017-SA8N-SB-7.0-8.0 04/29/2011 DE140 7 8	SL-018-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	2.0 U	15	1.9 U	0.53 J Z	1.9 U	1.9 U	4.5
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	2.0 U	3.2	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	ug/kg	1200 U	1100 U	1100 U	1100 U	1100 U	1200 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	570 U	570 U	550 U	560 U	580 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	2.0 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	2.0 U	3.9	1.9 U	1.8 U	1.9 U	1.9 U	0.80 J Z
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Aniline	ug/kg	580 U	570 U	570 U	550 U	560 U	580 U	580 U
Benzoic Acid	ug/kg	580 U	570 U	570 U	550 U	560 U	580 U	580 U
Hexachloroethane	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	580 U	570 U	570 U	550 U	560 U	580 U	580 U
Isophorone	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	2.0 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	20 U	20 U	21 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	8.1 J Z	21 U	21 U	20 U	20 U	21 U	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	2.0 U	2.4	1.9 U	1.8 U	1.9 U	1.9 U	1.1 J Z
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	20 U	20 U	21 U	21 U
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Fluorene	ug/kg	2.0 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Carbazole	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Pentachlorophenol	ug/kg	580 U	570 U	570 U	550 U	560 U	580 U	580 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
2-Nitroaniline	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
2-Nitrophenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
1-Methylnaphthalene	ug/kg	2.0 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Naphthalene	ug/kg	2.0 U	1.1 J Z	1.9 U	1.5 J Z	1.9 U	1.9 U	0.96 J Z
2-Methylnaphthalene	ug/kg	2.0 U	1.9 U	1.9 U	1.3 J Z	1.9 U	1.9 U	1.9 U
2-Chloronaphthalene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
3,3`-Dichlorobenzidine	ug/kg	390 U	380 U	380 U	370 U	370 U	390 U	390 U
Benzidine	ug/kg	3900 UJ Q	3800 U	3800 U	3700 U	3700 U	3900 U	3900 U
2-Methylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
2-Chlorophenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U

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Sample Name		SL-015-SA8N-SB-4.0-5.0	SL-016-SA8N-SS-0.0-0.5	SL-016-SA8N-SB-3.0-4.0	SL-017-SA8N-SS-0.0-0.5	SL-017-SA8N-SB-4.0-5.0	SL-017-SA8N-SB-7.0-8.0	SL-018-SA8N-SS-0.0-0.5
Sample Date		05/03/2011	04/12/2011	05/03/2011	04/11/2011	04/29/2011	04/29/2011	04/12/2011
SDG		DE142	DE125	DE142	DE124	DE140	DE140	DE125
Start Depth		4	0	3	0	4	7	0
End Depth		5	0.5	4	0.5	5	8	0.5
3-Nitroaniline	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U
Benzyl Alcohol	ug/kg	580 U	570 U	570 U	550 U	560 U	580 U	580 U
2,6-Dinitrotoluene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	190 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-018-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-019-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-019-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-020-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-020-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-020-SA8N-SB-9.0-10.0 05/03/2011 DE142 9 10
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	--	398 U	23.0 J Z	368 J Z	28.5 J Z	41.4
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
2,4-Dinitrotoluene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Nitrobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
1,4-Dichlorobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
1,2,4-Trichlorobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
1,3-Dichlorobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Hexachlorobutadiene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
1,2-Dichlorobenzene	ug/kg	190 U	200 UJ L	190 U	190 UJ L	190 U	200 U
4-Nitroaniline	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
4-Nitrophenol	ug/kg	570 U	600 U	580 U	580 U	580 U	610 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
2,4-Dimethylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
4-Methylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
4-Chloroaniline	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
3,5-Dimethylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Phenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	39 J Z	--	25 J Z	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	20 U	--	10 J Z	--	21 U	9.1 J Z
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	9.0 J Z	21 UJ F, C	9.1 J Z	21 UJ F, C	21 U	9.8 J Z
Hexachlorobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	2.0 U	1.9 U	1.2 J Z	1.9 U	2.0 U
2,4-Dichlorophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
1,2-Diphenylhydrazine	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	3.1	1.9 U	56	1.9 U	2.0 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	21 U	20 U	21 U	21 U	22 U
Dibenzofuran	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	1.1 J Z	1.9 U	7.2	1.9 U	2.0 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	2.0 U	1.9 U	7.5	1.9 U	2.0 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	3.1 J C	1.9 U	60 J C	1.9 U	2.0 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	2.9	1.9 U	66	1.9 U	2.0 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.4 J Z	1.9 U	20	1.9 U	2.0 U
Acenaphthylene	ug/kg	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U

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	Sample Name Sample Date SDG Start Depth End Depth	SL-018-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-019-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-019-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-020-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-020-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-020-SA8N-SB-9.0-10.0 05/03/2011 DE142 9 10
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	11	1.9 U	45	1.9 U	2.0 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	1.4 J Z	1.9 U	30	1.9 U	2.0 U
2,4-Dinitrophenol	ug/kg	1100 U	1200 U	1200 U	1200 U	1200 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	570 U	600 U	580 U	580 U	580 U	610 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	2.0 U	1.9 U	2.3	1.9 U	2.0 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	1.4 J Z	1.9 U	40	1.9 U	2.0 U
4-Chloro-3-Methylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Aniline	ug/kg	570 U	600 U	580 U	580 U	580 U	610 U
Benzoic Acid	ug/kg	570 U	600 U	580 U	580 U	580 U	610 U
Hexachloroethane	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
4-Chlorophenyl Phenylether	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Hexachlorocyclopentadiene	ug/kg	570 U	600 U	580 U	580 U	580 U	610 U
Isophorone	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	21 U	20 U	21 U	21 U	22 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	21 U	20 U	21 U F	21 U	22 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	1.6 J Z	1.9 U	4.8	1.9 U	2.0 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	21 U	20 U	21 U	21 U	22 U
N-Nitrosodiphenylamine	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Fluorene	ug/kg	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
Carbazole	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Pentachlorophenol	ug/kg	570 U	600 U	580 U	580 U	580 U	610 U
2,4,6-Trichlorophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
2-Nitroaniline	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
2-Nitrophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
1-Methylnaphthalene	ug/kg	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
Naphthalene	ug/kg	1.9 U	1.1 J Z	1.9 U	1.2 J Z	1.9 U	2.0 U
2-Methylnaphthalene	ug/kg	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
2-Chloronaphthalene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
3,3`-Dichlorobenzidine	ug/kg	380 U	400 U	380 U	380 U	390 U	400 U
Benidine	ug/kg	3800 U	4000 U	3800 U	3800 U	3900 U	4000 U
2-Methylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
2-Chlorophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
2,4,5-Trichlorophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U

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Sample Name		SL-018-SA8N-SB-4.0-5.0	SL-019-SA8N-SS-0.0-0.5	SL-019-SA8N-SB-4.0-5.0	SL-020-SA8N-SS-0.0-0.5	SL-020-SA8N-SB-4.0-5.0	SL-020-SA8N-SB-9.0-10.0
Sample Date		05/03/2011	04/12/2011	05/03/2011	04/12/2011	05/03/2011	05/03/2011
SDG		DE142	DE125	DE142	DE125	DE142	DE142
Start Depth		4	0	4	0	4	9
End Depth		5	0.5	5	0.5	5	10
3-Nitroaniline	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Benzyl Alcohol	ug/kg	570 U	600 U	580 U	580 U	580 U	610 U
2,6-Dinitrotoluene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-021-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-021-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-021-SA8N-SB-9.0-10.0 05/04/2011 DE143 9 10	SL-022-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-022-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-022-SA8N-SB-9.0-10.0 05/02/2011 DE141 9 10
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	37.7 U	34.1 J Z	44	39.0 U	157	86
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U
2,4-Dinitrotoluene	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Nitrobenzene	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Hexachlorobutadiene	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
1,2-Dichlorobenzene	ug/kg	190 UJ L	190 U	190 U	190 UJ L	190 U	200 U
4-Nitroaniline	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
4-Nitrophenol	ug/kg	560 U	580 U	580 U	580 U	580 U	590 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
4-Methylphenol	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
4-Chloroaniline	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Phenol	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	25 J Z	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	20 U F, Z	9.6 J Z	7.1 J Z	--	21 U	21 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 UJ F, C	9.2 J Z	9.0 J Z	21 UJ F, C	9.0 J Z	8.9 J Z
Hexachlorobenzene	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	0.51 J Z	1.9 U	1.9 U	1.5 J Z	1.9 U	2.0 U
2,4-Dichlorophenol	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	11	1.9 U	1.9 U	51	1.9 U	2.0 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	21 U	21 U	21 U
Dibenzofuran	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	2.4	1.9 U	1.9 U	4.8	1.9 U	2.0 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	2.2	1.9 U	1.9 U	4.2	1.9 U	2.0 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	11 J C	1.9 U	1.9 U	34 J C	1.9 U	2.0 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	14	1.9 U	1.9 U	49	1.9 U	2.0 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	5.7	1.9 U	1.9 U	14	1.9 U	2.0 U
Acenaphthylene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

	Sample Name Sample Date SDG Start Depth End Depth	SL-021-SA8N-SS-0.0-0.5	SL-021-SA8N-SB-4.0-5.0	SL-021-SA8N-SB-9.0-10.0	SL-022-SA8N-SS-0.0-0.5	SL-022-SA8N-SB-4.0-5.0	SL-022-SA8N-SB-9.0-10.0
		04/12/2011	05/04/2011	05/04/2011	04/12/2011	05/02/2011	05/02/2011
		DE125	DE143	DE143	DE125	DE141	DE141
		0	4	9	0	4	9
		0.5	5	10	0.5	5	10
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	11	1.9 U	1.9 U	33	1.9 U	2.0 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	5.9	1.9 U	1.9 U	20	1.9 U	2.0 U
2,4-Dinitrophenol	ug/kg	1100 U	1200 U	1200 U	1200 U	1200 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	560 U	580 U	580 U	580 U	580 U	590 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	1.8 J Z	1.9 U	2.0 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	8.6	1.9 U	1.9 U	26	1.9 U	2.0 U
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Aniline	ug/kg	560 U	580 U	580 U	580 U	580 U	590 U
Benzoic Acid	ug/kg	560 U	580 U	580 U	580 U	580 U	590 U
Hexachloroethane	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Hexachlorocyclopentadiene	ug/kg	560 U	580 U	580 U	580 U	580 U	590 U
Isophorone	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	21 U	21 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	21 U	21 U	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9	1.9 U	1.9 U	7.1	1.9 U	2.0 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	21 U	19 J Z	21 U	21 U	21 U
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Fluorene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U
Carbazole	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Pentachlorophenol	ug/kg	560 U	580 U	580 U	580 U	580 U	590 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
2-Nitroaniline	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
2-Nitrophenol	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
1-Methylnaphthalene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U
Naphthalene	ug/kg	0.81 J Z	1.9 U	1.9 U	0.96 J Z	1.9 U	2.0 U
2-Methylnaphthalene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U
2-Chloronaphthalene	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
3,3`-Dichlorobenzidine	ug/kg	380 U	380 U	390 U	390 U	390 U	400 U
Benidine	ug/kg	3800 U	3800 U	3900 U	3900 U	3900 U	4000 U
2-Methylphenol	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
2-Chlorophenol	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
2,4,5-Trichlorophenol	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U

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Sample Name		SL-021-SA8N-SS-0.0-0.5	SL-021-SA8N-SB-4.0-5.0	SL-021-SA8N-SB-9.0-10.0	SL-022-SA8N-SS-0.0-0.5	SL-022-SA8N-SB-4.0-5.0	SL-022-SA8N-SB-9.0-10.0
Sample Date		04/12/2011	05/04/2011	05/04/2011	04/12/2011	05/02/2011	05/02/2011
SDG		DE125	DE143	DE143	DE125	DE141	DE141
Start Depth		0	4	9	0	4	9
End Depth		0.5	5	10	0.5	5	10
3-Nitroaniline	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U
Benzyl Alcohol	ug/kg	560 U	580 U	580 U	580 U	580 U	590 U
2,6-Dinitrotoluene	ug/kg	190 U	190 U	190 U	190 U	190 U	200 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
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Sample Name Sample Date SDG Start Depth End Depth		SL-023-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-023-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-023-SA8N-SB-9.0-10.0 05/02/2011 DE141 9 10	SL-027-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-027-SA8N-SB-4.0-5.0 04/26/2011 DE137 4 5	SL-027-SA8N-SB-9.0-10.0 04/26/2011 DE137 9 10
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Nitrobenzene	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Hexachlorobutadiene	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	190 UJ L	200 U	200 U	200 U	190 U	190 U
4-Nitroaniline	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
4-Nitrophenol	ug/kg	580 U	590 U	600 U	590 U	580 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
4-Methylphenol	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
4-Chloroaniline	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Phenol	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	22 J Z	--	--	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	21 U B	22 U B	41 J FD	21 U	20 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 UJ F, C	8.9 J Z	9.3 J Z	21 UJ FD	21 U	20 U
Hexachlorobenzene	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.1 J Z	2.0 U	2.0 U	0.82 J FD, Z	1.9 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	11	2.0 U	2.0 U	7.6	1.9 U	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	21 U	22 U	21 U	21 U	20 U
Dibenzofuran	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9	2.0 U	2.0 U	5.1	1.9 U	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.4 J Z	2.0 U	2.0 U	3.7	1.9 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	12 J C	2.0 U	2.0 U	12	1.9 U	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	13	2.0 U	2.0 U	10	1.9 U	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	3.9	2.0 U	2.0 U	3.7	1.9 U	1.9 U
Acenaphthylene	ug/kg	1.9 U	2.0 U	2.0 U	0.51 J Z	1.9 U	1.9 U

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J - Result is an estimated value
R - Result is rejected

	Sample Name Sample Date SDG Start Depth End Depth	SL-023-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-023-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-023-SA8N-SB-9.0-10.0 05/02/2011 DE141 9 10	SL-027-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-027-SA8N-SB-4.0-5.0 04/26/2011 DE137 4 5	SL-027-SA8N-SB-9.0-10.0 04/26/2011 DE137 9 10
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	11	2.0 U	2.0 U	10	1.9 U	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	4.1	2.0 U	2.0 U	5.1	1.9 U	1.9 U
2,4-Dinitrophenol	ug/kg	1200 U	1200 U	1200 U	1200 U	1200 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	590 U	600 U	590 U	580 U	570 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	0.98 J Z	1.9 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	3.4	2.0 U	2.0 U	4.4	1.9 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Aniline	ug/kg	580 U	590 U	600 U	590 U	580 U	570 U
Benzoic Acid	ug/kg	580 U	590 U	600 U	590 U	580 U	570 U
Hexachloroethane	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	580 U	590 U	600 U	590 U	580 U	570 U
Isophorone	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	21 U	22 U	21 U	21 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	21 U	22 U	21 U	21 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	5.6	2.0 U	2.0 U	4.9	1.9 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	21 U	22 U	21 UJ FD	21 U	20 U
N-Nitrosodiphenylamine	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Fluorene	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	1.9 U
Carbazole	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Pentachlorophenol	ug/kg	580 U	590 U	600 U	590 U	580 U	570 U
2,4,6-Trichlorophenol	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
2-Nitroaniline	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
2-Nitrophenol	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
1-Methylnaphthalene	ug/kg	1.9 U	2.0 U	2.0 U	1.3 J Z	1.9 U	1.9 U
Naphthalene	ug/kg	1.3 J Z	2.0 U	2.0 U	3.9	1.9 U	1.9 U
2-Methylnaphthalene	ug/kg	1.9 U	2.0 U	2.0 U	1.8 J Z	1.9 U	1.9 U
2-Chloronaphthalene	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
3,3`-Dichlorobenzidine	ug/kg	390 U	390 U	400 U	390 U	380 U	380 U
Benidine	ug/kg	3900 U	3900 U	4000 U	3900 UJ Q	3800 U	3800 U
2-Methylphenol	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
2-Chlorophenol	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U

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Sample Name		SL-023-SA8N-SS-0.0-0.5	SL-023-SA8N-SB-4.0-5.0	SL-023-SA8N-SB-9.0-10.0	SL-027-SA8N-SS-0.0-0.5	SL-027-SA8N-SB-4.0-5.0	SL-027-SA8N-SB-9.0-10.0
Sample Date		04/12/2011	05/02/2011	05/02/2011	04/13/2011	04/26/2011	04/26/2011
SDG		DE125	DE141	DE141	DE126	DE137	DE137
Start Depth		0	4	9	0	4	9
End Depth		0.5	5	10	0.5	5	10
3-Nitroaniline	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U
Benzyl Alcohol	ug/kg	580 U	590 U	600 U	590 U	580 U	570 U
2,6-Dinitrotoluene	ug/kg	190 U	200 U	200 U	200 U	190 U	190 U

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J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-028-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-028-SA8N-SB-4.0-5.0 04/26/2011 DE137 4 5	SL-028-SA8N-SB-9.0-10.0 04/26/2011 DE137 9 10	SL-032-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-032-SA8N-SB-4.0-5.0 04/27/2011 DE138 4 5	SL-032-SA8N-SB-9.0-10.0 04/27/2011 DE138 9 10
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	2.0 U	1.9 U	1.8 U	1.8 U	1.9 U	2.0 U
2,4-Dinitrotoluene	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Nitrobenzene	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
1,4-Dichlorobenzene	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
1,2,4-Trichlorobenzene	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
1,3-Dichlorobenzene	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Hexachlorobutadiene	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
1,2-Dichlorobenzene	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
4-Nitroaniline	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
4-Nitrophenol	ug/kg	600 U	590 U	560 U	540 U	580 U	590 U
4-Bromophenyl Phenyl Ether	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
2,4-Dimethylphenol	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
4-Methylphenol	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
4-Chloroaniline	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
3,5-Dimethylphenol	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Phenol	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	30 J Z	--	--	32 J Z	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	21 U	20 U	--	21 U	21 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	22 U	21 U	20 U	19 U	21 U	21 U
Hexachlorobenzene	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.7 J Z	1.9 U	1.8 U	1.3 J Z	1.9 U	2.0 U
2,4-Dichlorophenol	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
1,2-Diphenylhydrazine	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Pyrene (8270C)	ug/kg	28 J Z	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	--	1.9 U	1.8 U	14	1.9 U	2.0 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	22 U	21 U	20 U	19 U	21 U	21 U
Dibenzofuran	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	6.4	1.9 U	1.8 U	2.6	1.9 U	2.0 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	5.2	1.9 U	1.8 U	2.5	1.9 U	2.0 U
Benzo(b)fluoranthene (8270C)	ug/kg	24 J Z	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	--	1.9 U	1.8 U	11	1.9 U	2.0 U
Fluoranthene (8270C)	ug/kg	34 J Z	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	--	1.9 U	1.8 U	17	1.9 U	2.0 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	7.5	1.9 U	1.8 U	4.8	1.9 U	2.0 U
Acenaphthylene	ug/kg	0.56 J Z	1.9 U	1.8 U	0.51 J Z	1.9 U	2.0 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-028-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-028-SA8N-SB-4.0-5.0 04/26/2011 DE137 4 5	SL-028-SA8N-SB-9.0-10.0 04/26/2011 DE137 9 10	SL-032-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-032-SA8N-SB-4.0-5.0 04/27/2011 DE138 4 5	SL-032-SA8N-SB-9.0-10.0 04/27/2011 DE138 9 10
Chrysene (8270C)	ug/kg	28 J Z	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	--	1.9 U	1.8 U	9.1	1.9 U	2.0 U
bis(2-Chloroisopropyl) ether	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	10	1.9 U	1.8 U	5.1	1.9 U	2.0 U
2,4-Dinitrophenol	ug/kg	1200 U	1200 U	1100 U	1100 U	1200 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	600 U	590 U	560 U	540 U	580 U	590 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.5 J Z	1.9 U	1.8 U	1.8 U	1.9 U	2.0 U
Benzo(a)anthracene (8270C)	ug/kg	22 J Z	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	--	1.9 U	1.8 U	4.1	1.9 U	2.0 U
4-Chloro-3-Methylphenol	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
N-Nitroso-Di-N-Propylamine	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Aniline	ug/kg	600 U	590 U	560 U	540 U	580 U	590 U
Benzoic Acid	ug/kg	600 U	590 U	560 U	540 U	580 U	590 U
Hexachloroethane	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
4-Chlorophenyl Phenylether	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Hexachlorocyclopentadiene	ug/kg	600 U	590 U	560 U	540 U	580 U	590 U
Isophorone	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	2.0 U	1.9 U	1.8 U	1.8 U	1.9 U	2.0 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	22 U	21 U	20 U	19 U	21 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	22 U	21 U	20 U	19 U	21 U	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	7	1.9 U	1.8 U	6.5	1.9 U	2.0 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	22 U	21 U	20 U	19 U	21 U	21 U
N-Nitrosodiphenylamine	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Fluorene	ug/kg	2.0 U	1.9 U	1.8 U	1.8 U	1.9 U	2.0 U
Carbazole	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Pentachlorophenol	ug/kg	600 U	590 U	560 U	540 U	580 U	590 U
2,4,6-Trichlorophenol	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
2-Nitroaniline	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
2-Nitrophenol	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
1-Methylnaphthalene	ug/kg	1.1 J Z	1.9 U	1.8 U	1.8 U	1.9 U	2.0 U
Naphthalene	ug/kg	2.5	1.9 U	1.8 U	2	1.9 U	2.0 U
2-Methylnaphthalene	ug/kg	1.6 J Z	1.9 U	1.8 U	1.3 J Z	1.9 U	2.0 U
2-Chloronaphthalene	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
3,3`-Dichlorobenzidine	ug/kg	400 U	390 U	370 U	360 U	390 U	400 U
Benzidine	ug/kg	4000 U	3900 U	3700 U	3600 U	3900 U	4000 U
2-Methylphenol	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
2-Chlorophenol	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
2,4,5-Trichlorophenol	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U

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Sample Name		SL-028-SA8N-SS-0.0-0.5	SL-028-SA8N-SB-4.0-5.0	SL-028-SA8N-SB-9.0-10.0	SL-032-SA8N-SS-0.0-0.5	SL-032-SA8N-SB-4.0-5.0	SL-032-SA8N-SB-9.0-10.0
Sample Date		04/13/2011	04/26/2011	04/26/2011	04/13/2011	04/27/2011	04/27/2011
SDG		DE126	DE137	DE137	DE126	DE138	DE138
Start Depth		0	4	9	0	4	9
End Depth		0.5	5	10	0.5	5	10
3-Nitroaniline	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U
Benzyl Alcohol	ug/kg	600 U	590 U	560 U	540 U	580 U	590 U
2,6-Dinitrotoluene	ug/kg	200 U	200 U	190 U	180 U	190 U	200 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-036-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-036-SA8N-SB-4.0-5.0 04/25/2011 DE136 4 5	SL-036-SA8N-SB-9.0-10.0 04/25/2011 DE136 9 10	SL-040-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-040-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-040-SA8N-SB-9.0-10.0 04/29/2011 DE140 9 10
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U
2,4-Dinitrotoluene	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Nitrobenzene	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
1,4-Dichlorobenzene	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
1,2,4-Trichlorobenzene	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
1,3-Dichlorobenzene	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Hexachlorobutadiene	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
1,2-Dichlorobenzene	ug/kg	200 UJ L	190 U	210 U	180 U	200 U	200 U
4-Nitroaniline	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
4-Nitrophenol	ug/kg	610 U	580 U	620 U	530 U	600 U	610 U
4-Bromophenyl Phenyl Ether	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
2,4-Dimethylphenol	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
4-Methylphenol	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
4-Chloroaniline	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
3,5-Dimethylphenol	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Phenol	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	160 J Z	--	--	18 J Z	--	400 U
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	21 U	22 U	--	21 U	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	180 U	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	22 UJ C	21 U	22 U	--	9.1 J Z	9.3 J Z
Hexachlorobenzene	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	0.43 J Z	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U
2,4-Dichlorophenol	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
1,2-Diphenylhydrazine	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	4.2	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	180 U	--	--
Dimethylphthalate (8270C SIM)	ug/kg	22 U	21 U	22 U	--	21 U	22 U
Dibenzofuran	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	28 J Z	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.4 J Z	1.9 U	2.0 U	--	2.0 U	2.0 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.1 J Z	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	3.6 J C	1.9 U	2.0 U	8.9 U	2.0 UJ FD	1.6 J Z
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	5.6	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.0 J Z	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U
Acenaphthylene	ug/kg	2.0 U	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U

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J - Result is an estimated value
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	Sample Name Sample Date SDG Start Depth End Depth	SL-036-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-036-SA8N-SB-4.0-5.0 04/25/2011 DE136 4 5	SL-036-SA8N-SB-9.0-10.0 04/25/2011 DE136 9 10	SL-040-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-040-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-040-SA8N-SB-9.0-10.0 04/29/2011 DE140 9 10
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	3.3	1.9 U	2.0 U	1.9 J Z	2.0 UJ FD	1.4 J Z
bis(2-Chloroisopropyl) ether	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.3 J Z	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U
2,4-Dinitrophenol	ug/kg	1200 U	1200 U	1200 U	1100 U	1200 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	610 U	580 U	620 U	530 U	600 U	610 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.2 J Z	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U
4-Chloro-3-Methylphenol	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
N-Nitroso-Di-N-Propylamine	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Aniline	ug/kg	610 U	580 U	620 U	530 U	600 U	610 U
Benzoic Acid	ug/kg	610 U	580 U	620 U	530 U	600 U	610 U
Hexachloroethane	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
4-Chlorophenyl Phenylether	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Hexachlorocyclopentadiene	ug/kg	610 U	580 U	620 U	530 U	600 U	610 U
Isophorone	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	2.0 U	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U
Diethylphthalate (8270C)	ug/kg	--	--	--	180 U	--	--
Diethylphthalate (8270C SIM)	ug/kg	22 U	21 U	22 U	--	21 U	22 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	180 U	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	22 U	21 U	22 U	--	21 U	22 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	2.9	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	180 U	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	22 U	21 U	22 U	--	21 U	22 U
N-Nitrosodiphenylamine	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Fluorene	ug/kg	2.0 U	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U
Carbazole	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Pentachlorophenol	ug/kg	610 U	580 U	620 U	530 U	600 U	610 U
2,4,6-Trichlorophenol	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
2-Nitroaniline	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
2-Nitrophenol	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
1-Methylnaphthalene	ug/kg	2.0 U	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U
Naphthalene	ug/kg	1.8 J Z	0.81 J Z	2.0 U	4.7 J Z	2.0 UJ FD	2.0 U
2-Methylnaphthalene	ug/kg	2.0 U	1.9 U	2.0 U	8.9 U	2.0 U	2.0 U
2-Chloronaphthalene	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
3,3`-Dichlorobenzidine	ug/kg	400 U	390 U	410 U	360 U	400 U	400 U
Benzidine	ug/kg	4000 U	3900 U	4100 U	3600 U	4000 U	4000 U
2-Methylphenol	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
2-Chlorophenol	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
2,4,5-Trichlorophenol	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U

U - Compound not detected above the reporting limit
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R - Result is rejected

Sample Name		SL-036-SA8N-SS-0.0-0.5	SL-036-SA8N-SB-4.0-5.0	SL-036-SA8N-SB-9.0-10.0	SL-040-SA8N-SS-0.0-0.5	SL-040-SA8N-SB-4.0-5.0	SL-040-SA8N-SB-9.0-10.0
Sample Date		04/12/2011	04/25/2011	04/25/2011	04/14/2011	04/29/2011	04/29/2011
SDG		DE125	DE136	DE136	DE127	DE140	DE140
Start Depth		0	4	9	0	4	9
End Depth		0.5	5	10	0.5	5	10
3-Nitroaniline	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U
Benzyl Alcohol	ug/kg	610 U	580 U	620 U	530 U	600 U	610 U
2,6-Dinitrotoluene	ug/kg	200 U	190 U	210 U	180 U	200 U	200 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-041-SA8N-SB-4.0-5.0 04/28/2011 DE139 4 5	SL-041-SA8N-SB-9.0-10.0 04/28/2011 DE139 9 10	SL-046-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-047-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-048-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-049-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	--	--	--	619	--	37.4 U
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	2.1 U	1.9 U
2,4-Dinitrotoluene	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Nitrobenzene	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
1,4-Dichlorobenzene	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
1,2,4-Trichlorobenzene	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
1,3-Dichlorobenzene	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Hexachlorobutadiene	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
1,2-Dichlorobenzene	ug/kg	200 U	190 U	180 U	190 UJ L	210 UJ L	190 U
4-Nitroaniline	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
4-Nitrophenol	ug/kg	590 U	580 U	550 U	580 U	630 U	560 U
4-Bromophenyl Phenyl Ether	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
2,4-Dimethylphenol	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
4-Methylphenol	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
4-Chloroaniline	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
3,5-Dimethylphenol	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Phenol	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	29 J Z	36 J Z	1000	29 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	21 U	21 U	--	--	--	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	21 U	20 U	21 UJ C	23 UJ C	20 U
Hexachlorobenzene	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	0.59 J Z	0.65 J Z	2.1 U	1.9 U
2,4-Dichlorophenol	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
1,2-Diphenylhydrazine	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	7.4	15	1.5 J Z	3.2
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	21 U	20 U	21 U	23 U	20 U
Dibenzofuran	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	1.9 U	0.92 J Z	1.2 J Z	2.1 U	1.6 J Z
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.1 J Z	1.1 J Z	2.1 U	1.3 J Z
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	4.4	6.1 J C	1.6 J Z, C	4.5
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	11	21	1.6 J Z	4.6
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.6 J Z	2.2	2.1 U	1.7 J Z
Acenaphthylene	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	2.1 U	1.9 U

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J - Result is an estimated value
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Sample Name Sample Date SDG Start Depth End Depth		SL-041-SA8N-SB-4.0-5.0 04/28/2011 DE139 4 5	SL-041-SA8N-SB-9.0-10.0 04/28/2011 DE139 9 10	SL-046-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-047-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-048-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-049-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	1.9 U	4.2	9.7	2.0 J Z	3.6
bis(2-Chloroisopropyl) ether	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.4 J Z	1.6 J Z	2.1 U	2.4
2,4-Dinitrophenol	ug/kg	1200 U	1200 U	1100 U	1200 U	1300 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	590 U	580 U	550 U	580 U	630 U	560 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	2.1 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.2 J Z	1.3 J Z	2.1 U	2.1
4-Chloro-3-Methylphenol	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Aniline	ug/kg	590 U	580 U	550 U	580 U	630 U	560 U
Benzoic Acid	ug/kg	590 U	580 U	550 U	580 U	630 U	560 U
Hexachloroethane	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
4-Chlorophenyl Phenylether	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Hexachlorocyclopentadiene	ug/kg	590 U	580 U	550 U	580 U	630 U	560 U
Isophorone	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	2.1 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	21 U	20 U	21 U	23 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	21 U	20 U	21 U	23 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	1.9 U	6.2	6.6	1.2 J Z	1.8 J Z
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	21 U	20 U	21 U	23 U	20 U
N-Nitrosodiphenylamine	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Fluorene	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	2.1 U	1.9 U
Carbazole	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Pentachlorophenol	ug/kg	590 U	580 U	550 U	580 U	630 U	560 U
2,4,6-Trichlorophenol	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
2-Nitroaniline	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
2-Nitrophenol	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
1-Methylnaphthalene	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	2.1 U	1.9 U
Naphthalene	ug/kg	1.9 U	1.9 U	1.3 J Z	0.81 J Z	1.2 J Z	1.6 J Z
2-Methylnaphthalene	ug/kg	1.9 U	1.9 U	1.8 U	2.0 U	2.1 U	1.5 J Z
2-Chloronaphthalene	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
3,3`-Dichlorobenzidine	ug/kg	390 U	390 U	360 U	390 U	420 U	370 U
Benzidine	ug/kg	3900 U	3900 U	3600 U	3900 U	4200 U	3700 U
2-Methylphenol	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
2-Chlorophenol	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
2,4,5-Trichlorophenol	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U

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Sample Name		SL-041-SA8N-SB-4.0-5.0	SL-041-SA8N-SB-9.0-10.0	SL-046-SA8N-SS-0.0-0.5	SL-047-SA8N-SS-0.0-0.5	SL-048-SA8N-SS-0.0-0.5	SL-049-SA8N-SS-0.0-0.5
Sample Date		04/28/2011	04/28/2011	04/13/2011	04/12/2011	04/12/2011	04/11/2011
SDG		DE139	DE139	DE126	DE125	DE125	DE124
Start Depth		4	9	0	0	0	0
End Depth		5	10	0.5	0.5	0.5	0.5
3-Nitroaniline	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U
Benzyl Alcohol	ug/kg	590 U	580 U	550 U	580 U	630 U	560 U
2,6-Dinitrotoluene	ug/kg	200 U	190 U	180 U	190 U	210 U	190 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-049-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-049-SA8N-SB-8.0-9.0 04/29/2011 DE140 8 9	SL-050-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-050-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-050-SA8N-SB-9.0-10.0 05/02/2011 DE141 9 10	SL-051-SA8N-SB-7.5-8.5 06/17/2011 DE183 7.5 8.5
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	97.8	123	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U
2,4-Dinitrotoluene	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Nitrobenzene	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
1,4-Dichlorobenzene	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
1,2,4-Trichlorobenzene	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
1,3-Dichlorobenzene	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Hexachlorobutadiene	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
1,2-Dichlorobenzene	ug/kg	190 U	200 U	200 UJ L	200 U	200 U	180 U
4-Nitroaniline	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
4-Nitrophenol	ug/kg	560 U	590 U	610 U	590 U	590 U	550 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
2,4-Dimethylphenol	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
4-Methylphenol	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
4-Chloroaniline	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
3,5-Dimethylphenol	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Phenol	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	20 J Z	--	27 J Z	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	21 U	--	21 U	21 U	20 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	8.6 J Z	9.2 J Z	22 UJ C	9.0 J Z	9.0 J Z	20 U
Hexachlorobenzene	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U
2,4-Dichlorophenol	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
1,2-Diphenylhydrazine	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	2.0 U	3.1	2.0 U	1.9 U	1.4 J Z
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	21 U	22 U	21 U	21 U	20 U
Dibenzofuran	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	2.0 U	0.88 J Z	2.0 U	1.9 U	1.2 J Z
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	2.0 U	0.90 J Z	2.0 U	1.9 U	1.8 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	2.0 U	3.1 J C	2.0 U	1.9 U	1.2 J Z
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	2.0 U	3.7	2.0 U	1.9 U	1.8 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	2.0 U	0.91 J Z	2.0 U	1.9 U	1.8 U
Acenaphthylene	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U

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	Sample Name Sample Date SDG Start Depth End Depth	SL-049-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-049-SA8N-SB-8.0-9.0 04/29/2011 DE140 8 9	SL-050-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-050-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-050-SA8N-SB-9.0-10.0 05/02/2011 DE141 9 10	SL-051-SA8N-SB-7.5-8.5 06/17/2011 DE183 7.5 8.5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	2.0 U	3.9	2.0 U	1.9 U	3.9
bis(2-Chloroisopropyl) ether	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	2.0 U	1.4 J Z	2.0 U	1.9 U	0.78 J Z
2,4-Dinitrophenol	ug/kg	1100 U	1200 U	1200 U	1200 U	1200 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	560 U	590 U	610 U	590 U	590 U	550 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	2.0 U	1.6 J Z	2.0 U	1.9 U	1.8 U
4-Chloro-3-Methylphenol	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Aniline	ug/kg	560 U	590 U	610 U	590 U	590 U	550 U
Benzoic Acid	ug/kg	560 U	590 U	610 U	590 U	590 U	550 U
Hexachloroethane	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
4-Chlorophenyl Phenylether	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Hexachlorocyclopentadiene	ug/kg	560 U	590 U	610 U	590 U	590 U	550 U
Isophorone	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	21 U	22 U	21 U	21 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	21 U	22 U	21 U	21 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.1	2.0 U	1.9 U	1.8 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	21 U	22 U	21 U	21 U	20 U
N-Nitrosodiphenylamine	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Fluorene	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U
Carbazole	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Pentachlorophenol	ug/kg	560 U	590 U	610 U	590 U	590 U	550 U
2,4,6-Trichlorophenol	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
2-Nitroaniline	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
2-Nitrophenol	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
1-Methylnaphthalene	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U
Naphthalene	ug/kg	1.9 U	2.0 U	2.2	2.0 U	1.9 U	1.8 U
2-Methylnaphthalene	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U
2-Chloronaphthalene	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
3,3`-Dichlorobenzidine	ug/kg	370 U	400 U	410 U	400 U	400 U	370 U
Benzidine	ug/kg	3700 U	4000 U	4100 U	4000 U	4000 U	3700 U
2-Methylphenol	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
2-Chlorophenol	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
2,4,5-Trichlorophenol	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U

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Sample Name		SL-049-SA8N-SB-4.0-5.0	SL-049-SA8N-SB-8.0-9.0	SL-050-SA8N-SS-0.0-0.5	SL-050-SA8N-SB-4.0-5.0	SL-050-SA8N-SB-9.0-10.0	SL-051-SA8N-SB-7.5-8.5
Sample Date		04/29/2011	04/29/2011	04/12/2011	05/02/2011	05/02/2011	06/17/2011
SDG		DE140	DE140	DE125	DE141	DE141	DE183
Start Depth		4	8	0	4	9	7.5
End Depth		5	9	0.5	5	10	8.5
3-Nitroaniline	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U
Benzyl Alcohol	ug/kg	560 U	590 U	610 U	590 U	590 U	550 U
2,6-Dinitrotoluene	ug/kg	190 U	200 U	200 U	200 U	200 U	180 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-056-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-056-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-056-SA8N-SB-7.0-8.0 05/05/2011 DE144 7 8	SL-057-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-057-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-057-SA8N-SB-7.0-8.0 05/05/2011 DE144 7 8	SL-062-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5
Chemical Name	Unit							
N-Nitrosodimethylamine (1625C)	ng/kg	42.7	37.7 UJ Q	35.4 U	37.2 U	25.2 J S, Z	24.5 J Z	37.6 U
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Nitrobenzene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Hexachlorobutadiene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
4-Nitroaniline	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
4-Nitrophenol	ug/kg	580 U	560 U	530 U	560 U	570 U	550 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
4-Methylphenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
4-Chloroaniline	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Phenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	24 J Z	380 U B	360 U B	--	380 U B	360 U B	31 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	--	--	20 U	--	--	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	190 U	180 U	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 UJ C	--	--	20 UJ C	21 U	20 U	20 U
Hexachlorobenzene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Anthracene (8270C)	ug/kg	--	--	180 U	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	--	1.9 U	1.9 U	1.8 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.8 J Z	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.3 J Z
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	21 U	19 U	20 U	21 U	20 U	20 U
Dibenzofuran	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.4 J Z	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	2.6 J C	0.95 J Z	1.8 U	1.9 UJ C	0.90 J Z	1.8 U	1.2 J Z
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	2.3	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.5 J Z
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.0 J Z	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Acenaphthylene	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U

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J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-056-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-056-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-056-SA8N-SB-7.0-8.0 05/05/2011 DE144 7 8	SL-057-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-057-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-057-SA8N-SB-7.0-8.0 05/05/2011 DE144 7 8	SL-062-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5
Chrysene (8270C)	ug/kg	--	--	180 U	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.8 J Z	1.9 U	--	0.41 J Z	1.9 U	1.8 U	1.2 J Z
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.3 J Z	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
2,4-Dinitrophenol	ug/kg	1200 U	1100 U	1100 U	1100 U	1100 U	1100 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	560 U	530 U	560 U	570 U	550 U	570 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.1 J Z	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Aniline	ug/kg	580 U	560 U	530 U	560 U	570 U	550 U	570 U
Benzoic Acid	ug/kg	580 U	560 U	530 U	560 U	570 U	550 U	570 U
Hexachloroethane	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Hexachlorocyclopentadiene	ug/kg	580 U	560 U	530 U	560 U	570 U	550 U	570 U
Isophorone	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	21 U	19 U	20 U	21 U	20 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	21 U	19 U	20 U	21 U	20 U	25
Phenanthrene (8270C)	ug/kg	--	--	180 U	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.0 J Z	1.9 U	--	1.9 U	1.9 U	1.8 U	1.1 J Z
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	21 U	19 U	20 U	21 U	20 U	20 U
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Fluorene	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Carbazole	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Pentachlorophenol	ug/kg	580 U	560 U	530 U	560 U	570 U	550 U	570 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
2-Nitroaniline	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
2-Nitrophenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
1-Methylnaphthalene	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.0 J Z	1.9 U
Naphthalene	ug/kg	1.9 U	1.9 U	1.8 U	1.2 J Z	0.90 J Z	1.8 U	0.92 J Z
2-Methylnaphthalene	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	0.96 J Z	1.9 U
2-Chloronaphthalene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
3,3`-Dichlorobenzidine	ug/kg	390 U	380 U	360 U	370 U	380 U	360 U	380 U
Benidine	ug/kg	3900 U	3800 U J Q	3600 U	3700 U	3800 U	3600 U	3800 U
2-Methylphenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
2-Chlorophenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
2,4,5-Trichlorophenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U

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Sample Name		SL-056-SA8N-SS-0.0-0.5	SL-056-SA8N-SB-4.0-5.0	SL-056-SA8N-SB-7.0-8.0	SL-057-SA8N-SS-0.0-0.5	SL-057-SA8N-SB-4.0-5.0	SL-057-SA8N-SB-7.0-8.0	SL-062-SA8N-SS-0.0-0.5
Sample Date		04/18/2011	05/05/2011	05/05/2011	04/18/2011	05/05/2011	05/05/2011	04/15/2011
SDG		DE130	DE144	DE144	DE130	DE144	DE144	DE129
Start Depth		0	4	7	0	4	7	0
End Depth		0.5	5	8	0.5	5	8	0.5
3-Nitroaniline	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Benzyl Alcohol	ug/kg	580 U	560 U	530 U	560 U	570 U	550 U	570 U
2,6-Dinitrotoluene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-062-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-067-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5	SL-067-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-071-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-071-SA8N-SB-2.0-3.0 06/07/2011 DE175 2 3	SL-075-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-076-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5
Chemical Name	Unit							
N-Nitrosodimethylamine (1625C)	ng/kg	19.7 J Z	62	70.6	22.1 J Z	33.0 J Z	388 U B	375 U B
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Nitrobenzene	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Hexachlorobutadiene	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	200 U	200 U	200 U	180 UJ L	190 U	190 U
4-Nitroaniline	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
4-Nitrophenol	ug/kg	570 U	610 U	600 U	590 U	540 U	580 U	560 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	200 U	200 U	200 U	180 U	190 UJ L	190 UJ L
2,4-Dimethylphenol	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
4-Methylphenol	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
4-Chloroaniline	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Phenol	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	380 U	21 J Z	25 J Z	31 J Z	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	--	--	--	19 U	21 U	20 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	22 U	9.3 J Z	21 UJ C	19 U	21 U	20 U
Hexachlorobenzene	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.8 U	1.9 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	1.3 J Z	1.8 U	1.9 U	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	22 U	22 U	21 U	19 U	21 U	20 U
Dibenzofuran	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	1.1 J Z	1.8 U	1.9 U	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	0.79 J Z	1.8 U	1.9 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	0.88 J Z	2.0 U	1.0 J Z	1.9 J Z, C	1.8 U	1.9 U	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	1.4 J Z	1.8 U	1.9 U	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.8 U	1.9 U	1.9 U
Acenaphthylene	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.8 U	1.9 U	1.9 U

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	Sample Name Sample Date SDG Start Depth End Depth	SL-062-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-067-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5	SL-067-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-071-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-071-SA8N-SB-2.0-3.0 06/07/2011 DE175 2 3	SL-075-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-076-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	0.47 J Z	2.0 U	1.5 J Z	1.8 U	1.9 U	2.3
bis(2-Chloroisopropyl) ether	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1200 U	1200 U	1200 U	1100 U	1200 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	570 U	610 U	600 U	590 U	540 U	580 U	560 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.8 U	1.9 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.8 U	1.9 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Aniline	ug/kg	570 U	610 U	600 U	590 U	540 U	580 U	560 U
Benzoic Acid	ug/kg	570 U	610 U	600 U	590 U	540 U	580 U	560 U
Hexachloroethane	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	570 U	610 U	600 U	590 U	540 U	580 U	560 U
Isophorone	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.8 U	1.9 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	22 U	22 U	21 U	19 U	21 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	22 U	22 U	21 U	19 U	21 U	20 U
Phenanthrene (8270C)	ug/kg	190 U	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	--	2.0 U	2.0 U	1.2 J Z	1.8 U	1.9 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	22 U	22 U	21 U	19 U	21 U	20 U
N-Nitrosodiphenylamine	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Fluorene	ug/kg	1.9 U	2.0 U	2.0 U	1.5 J Z	1.8 U	1.9 U	1.9 U
Carbazole	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Pentachlorophenol	ug/kg	570 U	610 U	600 U	590 U	540 U	580 U	560 U
2,4,6-Trichlorophenol	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
2-Nitroaniline	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
2-Nitrophenol	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
1-Methylnaphthalene	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.8 U	1.9 U	1.9 U
Naphthalene	ug/kg	1.9 U	2.0 U	2.0 U	1.6 J Z	1.8 U	1.9 U	1.9 U
2-Methylnaphthalene	ug/kg	1.9 U	2.0 U	2.0 U	2.0 U	1.8 U	1.9 U	1.9 U
2-Chloronaphthalene	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
3,3`-Dichlorobenzidine	ug/kg	380 U	410 U	400 U	390 U	360 U	390 U	370 U
Benzidine	ug/kg	3800 U	4100 U	4000 U	3900 U	3600 U	3900 U	3700 U
2-Methylphenol	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
2-Chlorophenol	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U

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Sample Name		SL-062-SA8N-SB-4.0-5.0	SL-067-SA8N-SS-0.0-0.5	SL-067-SA8N-SB-4.0-5.0	SL-071-SA8N-SS-0.0-0.5	SL-071-SA8N-SB-2.0-3.0	SL-075-SA8N-SS-0.0-0.5	SL-076-SA8N-SS-0.0-0.5
Sample Date		05/05/2011	04/15/2011	05/04/2011	04/18/2011	06/07/2011	04/19/2011	04/19/2011
SDG		DE144	DE129	DE143	DE130	DE175	DE131	DE131
Start Depth		4	0	4	0	2	0	0
End Depth		5	0.5	5	0.5	3	0.5	0.5
3-Nitroaniline	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U
Benzyl Alcohol	ug/kg	570 U	610 U	600 U	590 U	540 U	580 U	560 U
2,6-Dinitrotoluene	ug/kg	190 U	200 U	200 U	200 U	180 U	190 U	190 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-076-SA8N-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-076-SA8N-SB-7.5-8.5 06/08/2011 DE176 7.5 8.5	SL-077-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-078-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-078-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5	SL-079-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-079-SA8N-SB-4.0-5.0 06/06/2011 DE174 4 5
Chemical Name	Unit							
N-Nitrosodimethylamine (1625C)	ng/kg	37.4 UJ FD, Q	22.5 J S, Z	429 U B	38.5 U	37.8 U	398 U	38.3 U B
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2.0 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 UJ Q	190 U	210 U	190 U	190 U	200 U	190 U
Nitrobenzene	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
1,4-Dichlorobenzene	ug/kg	190 UJ Q	190 U	210 U	190 U	190 U	200 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
Hexachlorobutadiene	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
1,2-Dichlorobenzene	ug/kg	190 UJ L	190 UJ L	210 U	190 U	190 U	200 U	190 UJ L
4-Nitroaniline	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
4-Nitrophenol	ug/kg	560 U	570 U	640 U	580 U	570 U	600 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	210 UJ L	190 U	190 U	200 U	190 U
2,4-Dimethylphenol	ug/kg	190 UJ Q	190 U	210 U	190 U	190 U	200 U	190 U
4-Methylphenol	ug/kg	190 UJ Q	190 U	210 U	190 U	190 U	200 U	190 U
4-Chloroaniline	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
Phenol	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 UJ Q	190 U	210 U	190 U	190 U	200 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	370 UJ B, FD	380 U B	43 J Z	21 J Z	--	33 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	--	--	--	20 U	--	20 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 U	21 U	10 J Z	9.1 J Z	20 U	22 U	20 U
Hexachlorobenzene	ug/kg	190 UJ Q	190 U	210 U	190 U	190 U	200 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2.0 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 UJ Q	190 U	210 U	190 U	190 U	200 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 J Z	1.9 U	1.9 U	2.0 U	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	21 U	23 U	21 U	20 U	22 U	20 U
Dibenzofuran	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 J Z	1.9 U	1.9 U	2.0 U	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.2 J Z	1.9 U	1.9 U	2.0 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.6	1.9 U	1.9 U	2.0 U	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.7	1.9 U	1.9 U	2.0 U	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	0.89 J Z	1.9 U	1.9 U	2.0 U	1.9 U
Acenaphthylene	ug/kg	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2.0 U	1.9 U

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J - Result is an estimated value
R - Result is rejected

	Sample Name Sample Date SDG Start Depth End Depth	SL-076-SA8N-SB-4.0-5.0	SL-076-SA8N-SB-7.5-8.5	SL-077-SA8N-SS-0.0-0.5	SL-078-SA8N-SS-0.0-0.5	SL-078-SA8N-SB-4.0-5.0	SL-079-SA8N-SS-0.0-0.5	SL-079-SA8N-SB-4.0-5.0
		06/08/2011 DE176 4 5	06/08/2011 DE176 7.5 8.5	04/19/2011 DE131 0 0.5	04/14/2011 DE127 0 0.5	05/09/2011 DE146 4 5	04/14/2011 DE127 0 0.5	06/06/2011 DE174 4 5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	1.9 U	3	0.67 J Z	1.9 U	0.49 J Z	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.2 J Z	1.9 U	1.9 U	2.0 U	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1300 U	1200 U	1100 U	1200 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	560 U	570 U	640 U	580 U	570 U	600 U	570 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2.0 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2.0 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 UJ Q	190 U	210 U	190 U	190 U	200 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
Aniline	ug/kg	560 U	570 U	640 U	580 U	570 U	600 U	570 U
Benzoic Acid	ug/kg	560 U	570 U	640 U	580 U	570 U	600 U	570 U
Hexachloroethane	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 UJ Q	190 U	210 U	190 U	190 U	200 U	190 U
Hexachlorocyclopentadiene	ug/kg	560 U	570 U	640 U	580 U	570 U	600 U	570 U
Isophorone	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2.0 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	21 U	23 U	21 U	20 U	22 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	21 U	23 U	21 U	20 U	22 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 J Z	0.95 J Z	1.9 U	2.0 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	21 U	23 U	21 U	20 U	22 U	20 U
N-Nitrosodiphenylamine	ug/kg	190 UJ Q	190 U	210 U	190 U	190 U	200 U	190 U
Fluorene	ug/kg	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2.0 U	1.9 U
Carbazole	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
Pentachlorophenol	ug/kg	560 U	570 U	640 U	580 U	570 U	600 U	570 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
2-Nitroaniline	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
2-Nitrophenol	ug/kg	190 UJ L	190 UJ L	210 U	190 U	190 U	200 U	190 U
1-Methylnaphthalene	ug/kg	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2.0 U	1.9 U
Naphthalene	ug/kg	0.94 J Z	1.1 J Z	1.3 J Z	1.9 U	1.9 U	2.0 U	1.9 U
2-Methylnaphthalene	ug/kg	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U	2.0 U	1.9 U
2-Chloronaphthalene	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
3,3`-Dichlorobenzidine	ug/kg	370 U	380 U	420 U	380 U	380 U	400 U	380 U
Benzidine	ug/kg	3700 R Q	3800 U	4200 U	3800 U	3800 U	4000 U	3800 U
2-Methylphenol	ug/kg	190 UJ Q	190 U	210 U	190 U	190 U	200 U	190 U
2-Chlorophenol	ug/kg	190 UJ Q	190 U	210 U	190 U	190 U	200 U	190 U
2,4,5-Trichlorophenol	ug/kg	190 UJ Q	190 U	210 U	190 U	190 U	200 U	190 U

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Sample Name		SL-076-SA8N-SB-4.0-5.0	SL-076-SA8N-SB-7.5-8.5	SL-077-SA8N-SS-0.0-0.5	SL-078-SA8N-SS-0.0-0.5	SL-078-SA8N-SB-4.0-5.0	SL-079-SA8N-SS-0.0-0.5	SL-079-SA8N-SB-4.0-5.0
Sample Date		06/08/2011	06/08/2011	04/19/2011	04/14/2011	05/09/2011	04/14/2011	06/06/2011
SDG		DE176	DE176	DE131	DE127	DE146	DE127	DE174
Start Depth		4	7.5	0	0	4	0	4
End Depth		5	8.5	0.5	0.5	5	0.5	5
3-Nitroaniline	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U
Benzyl Alcohol	ug/kg	560 UJ Q	570 U	640 U	580 U	570 U	600 U	570 U
2,6-Dinitrotoluene	ug/kg	190 U	190 U	210 U	190 U	190 U	200 U	190 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-079-SA8N-SB-9.0-10.0 06/06/2011 DE174 9 10	SL-080-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-080-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-082-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-085-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-086-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	39.1 U B	38.2 J Z	44.1	19.2 J Z	252 J Z	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	2.0 U
2,4-Dinitrotoluene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Nitrobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
1,4-Dichlorobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
1,2,4-Trichlorobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
1,3-Dichlorobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Hexachlorobutadiene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
1,2-Dichlorobenzene	ug/kg	190 UJ L	200 U	190 U	190 U	190 U	200 U
4-Nitroaniline	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
4-Nitrophenol	ug/kg	580 U	610 U	570 U	560 U	580 U	590 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
2,4-Dimethylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
4-Methylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
4-Chloroaniline	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
3,5-Dimethylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Phenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	30 J Z	--	19 J Z	32 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	21 U	--	6.8 J Z	--	--	21 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	22 UJ C	9.2 J Z	9.1 J Z	21 UJ C	21 UJ C
Hexachlorobenzene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	2.0 U	1.9 U	0.46 J Z	0.61 J Z	2.0 U
2,4-Dichlorophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
1,2-Diphenylhydrazine	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Pyrene (8270C)	ug/kg	--	--	--	--	55 J Z	--
Pyrene (8270C SIM)	ug/kg	1.9 U	1.9 J Z	1.9 U	3	--	2.0 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	22 U	20 U	20 U	21 U	21 U
Dibenzofuran	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	1.5 J Z	1.9 U	1.5 J Z	1.9	2.0 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	1.2 J Z	1.9 U	1.1 J Z	1.7 J Z	2.0 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	2.3 J C	1.3 J Z	3.3	6.2 J C	2.0 UJ C
Fluoranthene (8270C)	ug/kg	--	--	--	--	57 J Z	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	2.4	1.9 U	5	--	2.0 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	0.94 J Z	1.9 U	1.5 J Z	2.7	2.0 U
Acenaphthylene	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	2.0 U

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Sample Name	Sample Date	SDG	Start Depth	End Depth	SL-079-SA8N-SB-9.0-10.0	SL-080-SA8N-SS-0.0-0.5	SL-080-SA8N-SB-4.0-5.0	SL-082-SA8N-SS-0.0-0.5	SL-085-SA8N-SS-0.0-0.5	SL-086-SA8N-SS-0.0-0.5
					06/06/2011 DE174	04/18/2011 DE130	05/04/2011 DE143	04/14/2011 DE127	04/18/2011 DE130	04/18/2011 DE130
					9	0	4	0	0	0
					10	0.5	5	0.5	0.5	0.5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	2	1.9 U	4.1	5	0.52 J Z			
bis(2-Chloroisopropyl) ether	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	1.2 J Z	1.9 U	1.6 J Z	2.9	2.0 U			
2,4-Dinitrophenol	ug/kg	1200 U	1200 U	1100 U	1100 U	1200 U	1200 U			
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	610 U	570 U	560 U	580 U	590 U			
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	2.0 U			
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	1.0 J Z	1.9 U	1.2 J Z	2.6	2.0 U			
4-Chloro-3-Methylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			
Aniline	ug/kg	580 U	610 U	570 U	560 U	580 U	590 U			
Benzoic Acid	ug/kg	580 U	610 U	570 U	560 U	580 U	590 U			
Hexachloroethane	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			
4-Chlorophenyl Phenylether	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			
Hexachlorocyclopentadiene	ug/kg	580 U	610 U	570 U	560 U	580 U	590 U			
Isophorone	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	2.0 U			
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	22 U	20 U	20 U	21 U	21 U			
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	22 U	20 U	20 U	21 U	21 U			
Phenanthrene (8270C)	ug/kg	--	--	--	--	41 J Z	--			
Phenanthrene (8270C SIM)	ug/kg	1.9 U	1.4 J Z	1.9 U	2.2	--	2.0 U			
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--			
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	22 U	20 U	20 U	21 U	21 U			
N-Nitrosodiphenylamine	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			
Fluorene	ug/kg	1.9 U	2.0 U	1.9 U	0.83 J Z	1.9 U	2.0 U			
Carbazole	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			
Pentachlorophenol	ug/kg	580 U	610 U	570 U	560 U	580 U	590 U			
2,4,6-Trichlorophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			
2-Nitroaniline	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			
2-Nitrophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			
1-Methylnaphthalene	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	2.0 U			
Naphthalene	ug/kg	1.9 U	1.0 J Z	1.9 U	1.8	1.1 J Z	1.2 J Z			
2-Methylnaphthalene	ug/kg	1.9 U	2.0 U	1.9 U	0.88 J Z	1.9 U	2.0 U			
2-Chloronaphthalene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			
3,3`-Dichlorobenzidine	ug/kg	390 U	400 U	380 U	370 U	380 U	390 U			
Benzidine	ug/kg	3900 U	4000 U	3800 U	3700 U	3800 U	3900 U J C			
2-Methylphenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			
2-Chlorophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			
2,4,5-Trichlorophenol	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U			

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Sample Name		SL-079-SA8N-SB-9.0-10.0	SL-080-SA8N-SS-0.0-0.5	SL-080-SA8N-SB-4.0-5.0	SL-082-SA8N-SS-0.0-0.5	SL-085-SA8N-SS-0.0-0.5	SL-086-SA8N-SS-0.0-0.5
Sample Date		06/06/2011	04/18/2011	05/04/2011	04/14/2011	04/18/2011	04/18/2011
SDG		DE174	DE130	DE143	DE127	DE130	DE130
Start Depth		9	0	4	0	0	0
End Depth		10	0.5	5	0.5	0.5	0.5
3-Nitroaniline	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U
Benzyl Alcohol	ug/kg	580 U	610 U	570 U	560 U	580 U	590 U
2,6-Dinitrotoluene	ug/kg	190 U	200 U	190 U	190 U	190 U	200 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-086-SA8N-SB-6.5-7.5 05/06/2011 DE145 6.5 7.5	SL-087-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5	SL-087-SA8N-SB-9.0-10.0 05/09/2011 DE146 9 10	SL-088-SA8N-SB-3.0-4.0 05/09/2011 DE146 3 4	SL-089-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-090-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	--	22.2 J Z	39.3 U	38.2 U	91.5	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U
2,4-Dinitrotoluene	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Nitrobenzene	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
1,4-Dichlorobenzene	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
1,2,4-Trichlorobenzene	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
1,3-Dichlorobenzene	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Hexachlorobutadiene	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
1,2-Dichlorobenzene	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
4-Nitroaniline	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
4-Nitrophenol	ug/kg	540 U	580 U	590 U	570 U	590 U	590 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
2,4-Dimethylphenol	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
4-Methylphenol	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
4-Chloroaniline	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
3,5-Dimethylphenol	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Phenol	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	360 U B, Z	--	--	--	24 J Z	27 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	21 U	21 U	20 U	--	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	21 U	21 U
Hexachlorobenzene	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U
2,4-Dichlorophenol	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
1,2-Diphenylhydrazine	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	1.4 J Z
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	21 U	21 U
Dibenzofuran	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	1.5 J Z
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.1
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U
Acenaphthylene	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U

U - Compound not detected above the reporting limit
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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-086-SA8N-SB-6.5-7.5 05/06/2011 DE145 6.5 7.5	SL-087-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5	SL-087-SA8N-SB-9.0-10.0 05/09/2011 DE146 9 10	SL-088-SA8N-SB-3.0-4.0 05/09/2011 DE146 3 4	SL-089-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-090-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	0.41 J Z	1.7 J Z
bis(2-Chloroisopropyl) ether	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U
2,4-Dinitrophenol	ug/kg	1100 U	1200 U	1200 U	1100 U	1200 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	540 U	580 U	590 U	570 U	590 U	590 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U
4-Chloro-3-Methylphenol	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Aniline	ug/kg	540 U	580 U	590 U	570 U	590 U	590 U
Benzoic Acid	ug/kg	540 U	580 U	590 U	570 U	590 U	590 U
Hexachloroethane	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
4-Chlorophenyl Phenylether	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Hexachlorocyclopentadiene	ug/kg	540 U	580 U	590 U	570 U	590 U	590 U
Isophorone	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	21 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	21 U	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	1.3 J Z
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	21 U	21 U
N-Nitrosodiphenylamine	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Fluorene	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U
Carbazole	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Pentachlorophenol	ug/kg	540 U	580 U	590 U	570 U	590 U	590 U
2,4,6-Trichlorophenol	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
2-Nitroaniline	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
2-Nitrophenol	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
1-Methylnaphthalene	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U
Naphthalene	ug/kg	1.8 U	1.9 U	1.9 U	1.1 J Z	2.0 U	1.0 J Z
2-Methylnaphthalene	ug/kg	1.8 U	1.9 U	1.9 U	0.83 J Z	2.0 U	2.0 U
2-Chloronaphthalene	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
3,3`-Dichlorobenzidine	ug/kg	360 U	380 U	390 U	380 U	390 U	390 U
Benidine	ug/kg	3600 U	3800 U	3900 U	3800 U	3900 U	3900 U
2-Methylphenol	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
2-Chlorophenol	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
2,4,5-Trichlorophenol	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U

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Sample Name		SL-086-SA8N-SB-6.5-7.5	SL-087-SA8N-SB-4.0-5.0	SL-087-SA8N-SB-9.0-10.0	SL-088-SA8N-SB-3.0-4.0	SL-089-SA8N-SS-0.0-0.5	SL-090-SA8N-SS-0.0-0.5
Sample Date		05/06/2011	05/09/2011	05/09/2011	05/09/2011	04/14/2011	04/14/2011
SDG		DE145	DE146	DE146	DE146	DE127	DE127
Start Depth		6.5	4	9	3	0	0
End Depth		7.5	5	10	4	0.5	0.5
3-Nitroaniline	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U
Benzyl Alcohol	ug/kg	540 U	580 U	590 U	570 U	590 U	590 U
2,6-Dinitrotoluene	ug/kg	180 U	190 U	200 U	190 U	200 U	200 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-091-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-092-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-093-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-094-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-094-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-094-SA8N-SB-7.5-8.5 05/13/2011 DE150 7.5 8.5	SL-095-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5
Chemical Name	Unit							
N-Nitrosodimethylamine (1625C)	ng/kg	--	372 U	381 U	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	9.8 U	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
2,4-Dinitrotoluene	ug/kg	200 U	510	190 U	180 U	200 U	190 U	190 U
Nitrobenzene	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Hexachlorobutadiene	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
4-Nitroaniline	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
4-Nitrophenol	ug/kg	590 U	550 U	570 U	540 U	600 U	560 U	560 U
4-Bromophenyl Phenyl Ether	ug/kg	200 U	180 UJ L	190 UJ L	180 UJ L	200 U	190 U	190 UJ L
2,4-Dimethylphenol	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
4-Methylphenol	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
4-Chloroaniline	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Phenol	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	31 J Z	27 J Z	32 J Z	27 J Z	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	--	--	--	9.2 J L, Z	7.4 J L, Z	20 U
Di-N-Octyl Phthalate (8270C)	ug/kg	200 U	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	--	20 U	21 U	19 U	22 U	20 U	20 U
Hexachlorobenzene	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	9.8 U	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
2,4-Dichlorophenol	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	9.8 U	1.0 J Z	1.2 J Z	1.8 U	2.0 U	1.9 U	0.98 J Z
Dimethylphthalate (8270C)	ug/kg	200 U	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	--	20 U	21 U	19 U	22 U	20 U	20 U
Dibenzofuran	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	9.8 U	1.1 J Z	1.4 J Z	1.8 U	2.0 U	1.9 U	0.87 J Z
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	9.8 U	0.81 J Z	1.2 J Z	1.8 U	2.0 U	1.9 U	1.0 J Z
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	9.8 U	1.6 J Z	2.1	1.8 U	0.88 J Z	1.9 U	1.3 J Z
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	4.0 J Z	1.6 J Z	1.6 J Z	1.8 U	2.0 U	1.9 U	1.5 J Z
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	9.8 U	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
Acenaphthylene	ug/kg	9.8 U	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U

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	Sample Name Sample Date SDG Start Depth End Depth	SL-091-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-092-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-093-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-094-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-094-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-094-SA8N-SB-7.5-8.5 05/13/2011 DE150 7.5 8.5	SL-095-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	3.3 J Z	1.6 J Z	2.8	1.8 U	2.0 U	1.9 U	1.1 J Z
bis(2-Chloroisopropyl) ether	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	9.8 U	1.9 U	0.93 J Z	1.8 U	2.0 U	1.9 U	1.9 U
2,4-Dinitrophenol	ug/kg	1200 U	1100 U	1100 U	1100 U	1200 U	1100 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	590 U	550 U	570 U	540 U	600 U	560 U	560 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	9.8 U	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	9.8 U	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Aniline	ug/kg	590 U	550 U	570 U	540 U	600 U	560 U	560 U
Benzoic Acid	ug/kg	590 U	550 U	570 U	540 U	600 U	560 U	560 U
Hexachloroethane	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	590 U	550 U	570 U	540 U	600 U	560 U	560 U
Isophorone	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	9.8 U	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
Diethylphthalate (8270C)	ug/kg	200 U	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	--	20 U	21 U	19 U	22 U	20 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	200 U	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	--	20 U	21 U	19 U	22 U	20 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	9.8 U	1.2 J Z	1.0 J Z	1.8 U	2.0 U	1.9 U	0.89 J Z
Butylbenzylphthalate (8270C)	ug/kg	200 U	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	--	20 U	21 U	19 U	22 U	20 U	20 U
N-Nitrosodiphenylamine	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Fluorene	ug/kg	9.8 U	1.7 J Z	1.8 J Z	1.8 U	2.0 U	1.9 U	1.9 U
Carbazole	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Pentachlorophenol	ug/kg	590 U	550 U	570 U	540 U	600 U	560 U	560 U
2,4,6-Trichlorophenol	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
2-Nitroaniline	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
2-Nitrophenol	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
1-Methylnaphthalene	ug/kg	9.8 U	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
Naphthalene	ug/kg	6.1 J Z	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
2-Methylnaphthalene	ug/kg	4.0 J Z	1.9 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U
2-Chloronaphthalene	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
3,3`-Dichlorobenzidine	ug/kg	400 U	370 U	380 U	360 U	400 U	380 U	370 U
Benidine	ug/kg	4000 U	3700 U	3800 U	3600 U	4000 U J Q	3800 U	3700 U
2-Methylphenol	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
2-Chlorophenol	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name		SL-091-SA8N-SS-0.0-0.5	SL-092-SA8N-SS-0.0-0.5	SL-093-SA8N-SS-0.0-0.5	SL-094-SA8N-SS-0.0-0.5	SL-094-SA8N-SB-4.0-5.0	SL-094-SA8N-SB-7.5-8.5	SL-095-SA8N-SS-0.0-0.5
Sample Date		04/14/2011	04/19/2011	04/19/2011	04/19/2011	05/13/2011	05/13/2011	04/19/2011
SDG		DE127	DE131	DE131	DE131	DE150	DE150	DE131
Start Depth		0	0	0	0	4	7.5	0
End Depth		0.5	0.5	0.5	0.5	5	8.5	0.5
3-Nitroaniline	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U
Benzyl Alcohol	ug/kg	590 U	550 U	570 U	540 U	600 U	560 U	560 U
2,6-Dinitrotoluene	ug/kg	200 U	180 U	190 U	180 U	200 U	190 U	190 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-095-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-096-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-096-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-096-SA8N-SB-9.0-10.0 05/13/2011 DE150 9 10	SL-097-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-097-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Nitrobenzene	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Hexachlorobutadiene	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	180 U	200 U	190 U	190 U	190 UJ L
4-Nitroaniline	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
4-Nitrophenol	ug/kg	580 U	540 U	590 U	580 U	570 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	180 UJ L	200 U	190 U	190 UJ L	190 UJ L
2,4-Dimethylphenol	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
4-Methylphenol	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
4-Chloroaniline	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Phenol	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	24 J Z	21 J Z	--	25 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	7.7 J L, Z	--	21 U	21 U	--	7.4 J Z
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	19 U	21 U	21 U	21 U	21 U
Hexachlorobenzene	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	0.49 J Z	1.9 U	1.9 U	0.88 J Z	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	0.89 J Z	1.9 U	1.9 U	2.1	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	19 U	21 U	21 U	21 U	21 U
Dibenzofuran	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.2 J Z	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	0.84 J Z	1.9 U	1.9 U	2.1	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.1 J Z	1.9 U	1.9	2.7	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	1.3 J Z	1.9 U	1.9 U	3.3	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	0.95 J Z	1.9 U
Acenaphthylene	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U

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R - Result is rejected

	Sample Name Sample Date SDG Start Depth End Depth	SL-095-SA8N-SB-4.0-5.0	SL-096-SA8N-SS-0.0-0.5	SL-096-SA8N-SB-4.0-5.0	SL-096-SA8N-SB-9.0-10.0	SL-097-SA8N-SS-0.0-0.5	SL-097-SA8N-SB-4.0-5.0
		05/13/2011	04/19/2011	05/13/2011	05/13/2011	04/19/2011	05/12/2011
		DE150	DE131	DE150	DE150	DE131	DE149
		4	0	4	9	0	4
		5	0.5	5	10	0.5	5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	0.86 J Z	1.9 U	1.9 U	2.3	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.2 J Z	1.9 U
2,4-Dinitrophenol	ug/kg	1200 U	1100 U	1200 U	1200 U	1100 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	540 U	590 U	580 U	570 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.1 J Z	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Aniline	ug/kg	580 U	540 U	590 U	580 U	570 U	580 U
Benzoic Acid	ug/kg	580 U	540 U	590 U	580 U	570 U	580 U
Hexachloroethane	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	580 U	540 U	590 U	580 U	570 U	580 U
Isophorone	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	19 U	21 U	21 U	21 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	19 U	21 U	21 U	21 U	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	1.0 J Z	1.9 U	1.9 U	2.7	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	19 U	21 U	21 U	21 U	21 U
N-Nitrosodiphenylamine	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Fluorene	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
Carbazole	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Pentachlorophenol	ug/kg	580 U	540 U	590 U	580 U	570 U	580 U
2,4,6-Trichlorophenol	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
2-Nitroaniline	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
2-Nitrophenol	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
1-Methylnaphthalene	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
Naphthalene	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.6 J Z	1.9 U
2-Methylnaphthalene	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	0.92 J Z	1.9 U
2-Chloronaphthalene	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
3,3`-Dichlorobenzidine	ug/kg	390 U	360 U	390 U	380 U	380 U	390 U
Benidine	ug/kg	3900 U	3600 U	3900 U	3800 U	3800 U	3900 U
2-Methylphenol	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
2-Chlorophenol	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U

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Sample Name		SL-095-SA8N-SB-4.0-5.0	SL-096-SA8N-SS-0.0-0.5	SL-096-SA8N-SB-4.0-5.0	SL-096-SA8N-SB-9.0-10.0	SL-097-SA8N-SS-0.0-0.5	SL-097-SA8N-SB-4.0-5.0
Sample Date		05/13/2011	04/19/2011	05/13/2011	05/13/2011	04/19/2011	05/12/2011
SDG		DE150	DE131	DE150	DE150	DE131	DE149
Start Depth		4	0	4	9	0	4
End Depth		5	0.5	5	10	0.5	5
3-Nitroaniline	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U
Benzyl Alcohol	ug/kg	580 U	540 U	590 U	580 U	570 U	580 U
2,6-Dinitrotoluene	ug/kg	190 U	180 U	200 U	190 U	190 U	190 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-098-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-098-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-098-SA8N-SB-9.0-10.0 05/12/2011 DE149 9 10	SL-099-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-101-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-101-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	--	--	--	91.3	389 U	27.3 J Z
N-Nitrosodimethylamine (8270C SIM)	ug/kg	2.0 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
2,4-Dinitrotoluene	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Nitrobenzene	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
1,4-Dichlorobenzene	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
1,2,4-Trichlorobenzene	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
1,3-Dichlorobenzene	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Hexachlorobutadiene	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
1,2-Dichlorobenzene	ug/kg	200 U	190 UJ L	190 UJ L	190 UJ L	190 U	200 UJ L
4-Nitroaniline	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
4-Nitrophenol	ug/kg	600 U	580 U	580 U	570 U	580 U	590 U
4-Bromophenyl Phenyl Ether	ug/kg	200 U	190 UJ L	190 UJ L	190 UJ L	190 U	200 UJ L
2,4-Dimethylphenol	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
4-Methylphenol	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
4-Chloroaniline	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
3,5-Dimethylphenol	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Phenol	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	36 J Z	--	--	22 J Z	43 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	8.8 J Z	7.0 J Z	--	--	21 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	22 U	21 U	21 U	21 U	21 U	21 U
Hexachlorobenzene	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	0.43 J Z	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
2,4-Dichlorophenol	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
1,2-Diphenylhydrazine	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	0.93 J Z	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	22 U	21 U	21 U	21 U	21 U	21 U
Dibenzofuran	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.2 J Z	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.0 J Z	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	2.5	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.2 J Z	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.1 J Z	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
Acenaphthylene	ug/kg	2.0 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U

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	Sample Name Sample Date SDG Start Depth End Depth	SL-098-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-098-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-098-SA8N-SB-9.0-10.0 05/12/2011 DE149 9 10	SL-099-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-101-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-101-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.6 J Z	2.0 U	1.9 U	1.9 U	0.46 J Z	2.0 U
bis(2-Chloroisopropyl) ether	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.5 J Z	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
2,4-Dinitrophenol	ug/kg	1200 U	1200 U	1200 U	1100 U	1200 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	600 U	580 U	580 U	570 U	580 U	590 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	2.0 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	2.0 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
4-Chloro-3-Methylphenol	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
N-Nitroso-Di-N-Propylamine	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Aniline	ug/kg	600 U	580 U	580 U	570 U	580 U	590 U
Benzoic Acid	ug/kg	600 U	580 U	580 U	570 U	580 U	590 U
Hexachloroethane	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
4-Chlorophenyl Phenylether	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Hexachlorocyclopentadiene	ug/kg	600 U	580 U	580 U	570 U	580 U	590 U
Isophorone	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	2.0 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	22 U	21 U	21 U	21 U	21 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	22 U	8.4 J Z	21 U	7.1 J Z	21 U	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	2.0 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	22 U	21 U	21 U	21 U	21 U	21 U
N-Nitrosodiphenylamine	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Fluorene	ug/kg	2.0 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
Carbazole	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Pentachlorophenol	ug/kg	600 U	580 U	580 U	570 U	580 U	590 U
2,4,6-Trichlorophenol	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
2-Nitroaniline	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
2-Nitrophenol	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
1-Methylnaphthalene	ug/kg	2.0 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
Naphthalene	ug/kg	2.0 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
2-Methylnaphthalene	ug/kg	2.0 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U
2-Chloronaphthalene	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
3,3`-Dichlorobenzidine	ug/kg	400 U	390 U	380 U	380 U	390 U	390 U
Benzidine	ug/kg	4000 U	3900 U	3800 U	3800 U	3900 U	3900 U
2-Methylphenol	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
2-Chlorophenol	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
2,4,5-Trichlorophenol	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U

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R - Result is rejected

Sample Name		SL-098-SA8N-SS-0.0-0.5	SL-098-SA8N-SB-4.0-5.0	SL-098-SA8N-SB-9.0-10.0	SL-099-SA8N-SB-4.0-5.0	SL-101-SA8N-SS-0.0-0.5	SL-101-SA8N-SB-4.0-5.0
Sample Date		04/20/2011	05/12/2011	05/12/2011	05/12/2011	04/20/2011	05/12/2011
SDG		DE132	DE149	DE149	DE149	DE132	DE149
Start Depth		0	4	9	4	0	4
End Depth		0.5	5	10	5	0.5	5
3-Nitroaniline	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U
Benzyl Alcohol	ug/kg	600 U	580 U	580 U	570 U	580 U	590 U
2,6-Dinitrotoluene	ug/kg	200 U	190 U	190 U	190 U	190 U	200 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-101-SA8N-SB-7.0-8.0 05/12/2011 DE149 7 8	SL-102-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-103-SA8N-SB-3.0-4.0 05/12/2011 DE149 3 4	SL-104-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-104-SA8N-SB-9.0-10.0 05/13/2011 DE150 9 10	SL-105-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	26.1 J Z	228	46.0 J S	--	--	66.4 J S
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	3.9 UJ S	2.0 U
2,4-Dinitrotoluene	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Nitrobenzene	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
1,4-Dichlorobenzene	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
1,2,4-Trichlorobenzene	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
1,3-Dichlorobenzene	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Hexachlorobutadiene	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
1,2-Dichlorobenzene	ug/kg	200 UJ L	190 U	200 UJ L	190 U	200 U	190 UJ L
4-Nitroaniline	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
4-Nitrophenol	ug/kg	590 U	570 U	590 U	570 U	590 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	200 UJ L	190 U	200 UJ L	190 U	200 U	190 UJ L
2,4-Dimethylphenol	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
4-Methylphenol	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
4-Chloroaniline	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
3,5-Dimethylphenol	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Phenol	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	36 J Z	--	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	21 U	--	7.4 J Z	20 U	42 UJ S	21 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	17 J Z	21 U	20 U	42 UJ S	21 U
Hexachlorobenzene	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	3.9 UJ S	2.0 U
2,4-Dichlorophenol	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
1,2-Diphenylhydrazine	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	3.3	2.0 U	1.9 U	3.9 UJ S	0.89 J Z
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	20 U	42 UJ S	21 U
Dibenzofuran	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	1.4 J Z	2.0 U	1.9 U	3.9 UJ S	2.0 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	1.2 J Z	2.0 U	1.9 U	3.9 UJ S	2.0 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	4.1	2.0 U	1.9 U	3.9 UJ S	2.0 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	4.1	2.0 U	1.9 U	3.9 UJ S	1.2 J Z
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	2.1	2.0 U	1.9 U	3.9 UJ S	2.0 U
Acenaphthylene	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	3.9 UJ S	2.0 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-101-SA8N-SB-7.0-8.0 05/12/2011 DE149 7 8	SL-102-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-103-SA8N-SB-3.0-4.0 05/12/2011 DE149 3 4	SL-104-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-104-SA8N-SB-9.0-10.0 05/13/2011 DE150 9 10	SL-105-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	3.5	2.0 U	1.9 U	3.9 UJ S	0.59 J Z
bis(2-Chloroisopropyl) ether	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	2.1	2.0 U	1.9 U	3.9 UJ S	2.0 U
2,4-Dinitrophenol	ug/kg	1200 U	1100 U	1200 U	1100 U	1200 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	590 U	570 U	590 U	570 U	590 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	3.9 UJ S	2.0 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	1.5 J Z	2.0 U	1.9 U	3.9 UJ S	2.0 U
4-Chloro-3-Methylphenol	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Aniline	ug/kg	590 U	570 U	590 U	570 U	590 U	580 U
Benzoic Acid	ug/kg	590 U	570 U	590 U	570 U	590 U	580 U
Hexachloroethane	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
4-Chlorophenyl Phenylether	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Hexachlorocyclopentadiene	ug/kg	590 U	570 U	590 U	570 U	590 U	580 U
Isophorone	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	3.9 UJ S	2.0 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	20 U	42 UJ S	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	20 U	42 UJ S	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	2.1	2.0 U	1.9 U	3.9 UJ S	2.0 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	20 U	42 UJ S	21 U
N-Nitrosodiphenylamine	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Fluorene	ug/kg	1.9 U	0.87 J Z	2.0 U	1.9 U	3.9 UJ S	2.0 U
Carbazole	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Pentachlorophenol	ug/kg	590 U	570 U	590 U	570 U	590 U	580 U
2,4,6-Trichlorophenol	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
2-Nitroaniline	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
2-Nitrophenol	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
1-Methylnaphthalene	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	3.9 U	2.0 U
Naphthalene	ug/kg	1.9 U	1.1 J Z	2.0 U	1.9 U	3.9 UJ S	0.87 J Z
2-Methylnaphthalene	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	3.9 UJ S	2.0 U
2-Chloronaphthalene	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
3,3`-Dichlorobenzidine	ug/kg	390 U	380 U	400 U	380 U	390 U	390 U
Benidine	ug/kg	3900 U	3800 U	4000 U	3800 U	3900 U	3900 U
2-Methylphenol	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
2-Chlorophenol	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
2,4,5-Trichlorophenol	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U

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Sample Name		SL-101-SA8N-SB-7.0-8.0	SL-102-SA8N-SS-0.0-0.5	SL-103-SA8N-SB-3.0-4.0	SL-104-SA8N-SB-4.0-5.0	SL-104-SA8N-SB-9.0-10.0	SL-105-SA8N-SB-4.0-5.0
Sample Date		05/12/2011	04/20/2011	05/12/2011	05/13/2011	05/13/2011	05/10/2011
SDG		DE149	DE132	DE149	DE150	DE150	DE147
Start Depth		7	0	3	4	9	4
End Depth		8	0.5	4	5	10	5
3-Nitroaniline	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U
Benzyl Alcohol	ug/kg	590 U	570 U	590 U	570 U	590 U	580 U
2,6-Dinitrotoluene	ug/kg	200 U	190 U	200 U	190 U	200 U	190 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-106-SA8N-SB-2.5-3.5 06/08/2011 DE176 2.5 3.5	SL-108-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-109-SA8N-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-109-SA8N-SB-9.0-10.0 06/08/2011 DE176 9 10	SL-111-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-111-SA8N-SB-3.0-4.0 06/10/2011 DE178 3 4
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	31.0 J Z	616 J Z	37.6 U	380 UJ H	69.6	36.1 U
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	8.4 U	1.9 U	1.9 U	9.3 U	1.8 U
2,4-Dinitrotoluene	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Nitrobenzene	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
1,4-Dichlorobenzene	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
1,2,4-Trichlorobenzene	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
1,3-Dichlorobenzene	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Hexachlorobutadiene	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
1,2-Dichlorobenzene	ug/kg	190 UJ L	840 U	190 UJ L	190 UJ L	190 U	180 U
4-Nitroaniline	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
4-Nitrophenol	ug/kg	570 U	2500 U	570 U	580 U	560 U	550 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
2,4-Dimethylphenol	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
4-Methylphenol	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
4-Chloroaniline	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
3,5-Dimethylphenol	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Phenol	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	520 J Z	380 U B	380 U B	36 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	10 J Z	--	--	21 U	--	20 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	190 U	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	230	20 U	21 U	--	20 U
Hexachlorobenzene	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	3.5 J Z	1.9 U	1.9 U	9.3 U	1.8 U
2,4-Dichlorophenol	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
1,2-Diphenylhydrazine	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Pyrene (8270C)	ug/kg	--	100 J Z	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	1.9 U	3.8 J Z	1.8 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	190 U	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	90 U	20 U	21 U	--	20 U
Dibenzofuran	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	98 J Z	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	1.9 U	4.0 J Z	1.8 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	15	1.9 U	1.9 U	9.3 U	1.8 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	100 J Z	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	1.9 U	5.1 J Z, C	1.8 U
Fluoranthene (8270C)	ug/kg	--	110 J Z	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	1.9 U	5.1 J Z	1.8 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	20	1.9 U	1.9 U	9.3 U	1.8 U
Acenaphthylene	ug/kg	1.9 U	1.9 J Z	1.9 U	1.9 U	9.3 U	1.8 U

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	Sample Name Sample Date SDG Start Depth End Depth	SL-106-SA8N-SB-2.5-3.5 06/08/2011 DE176 2.5 3.5	SL-108-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-109-SA8N-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-109-SA8N-SB-9.0-10.0 06/08/2011 DE176 9 10	SL-111-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-111-SA8N-SB-3.0-4.0 06/10/2011 DE178 3 4
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	54	1.9 U	1.9 U	4.3 J Z	1.8 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	27	1.9 U	1.9 U	9.3 U	1.8 U
2,4-Dinitrophenol	ug/kg	1100 U	5000 U	1100 U	1200 U	1100 UJ L	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	570 U	2500 U	570 U	580 U	560 UJ C	550 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	11	1.9 U	1.9 U	9.3 U	1.8 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	16	1.9 U	1.9 U	9.3 U	1.8 U
4-Chloro-3-Methylphenol	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Aniline	ug/kg	570 U	2500 U	570 U	580 U	560 U	550 U
Benzoic Acid	ug/kg	570 U	2500 U	570 U	580 U	560 U	550 U
Hexachloroethane	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
4-Chlorophenyl Phenylether	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Hexachlorocyclopentadiene	ug/kg	570 U	2500 U	570 U	580 U	560 U	550 U
Isophorone	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	8.4 U	1.9 U	1.9 U	9.3 U	1.8 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	190 U	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	90 U	20 U	21 U	--	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	110 J Z	--	--	190 U	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	--	20 U	21 U	--	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	28	1.9 U	1.9 U	9.3 U	1.8 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	190 U	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	110	20 U	21 U	--	20 U
N-Nitrosodiphenylamine	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Fluorene	ug/kg	1.9 U	8.4 U	1.9 U	1.9 U	9.3 U	1.8 U
Carbazole	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Pentachlorophenol	ug/kg	570 U	2500 U	570 U	580 U	560 U	550 U
2,4,6-Trichlorophenol	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
2-Nitroaniline	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
2-Nitrophenol	ug/kg	190 UJ L	840 U	190 UJ L	190 UJ L	190 U	180 U
1-Methylnaphthalene	ug/kg	1.9 U	8.4 U	1.9 U	1.9 U	9.3 U	1.8 U
Naphthalene	ug/kg	1.9 U	8.4 U	1.9 U	1.9 U	9.3 U	1.8 U
2-Methylnaphthalene	ug/kg	1.9 U	8.4 U	1.9 U	1.9 U	9.3 U	1.8 U
2-Chloronaphthalene	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
3,3`-Dichlorobenzidine	ug/kg	380 U	1700 U	380 U	380 U	370 U	370 U
Benidine	ug/kg	3800 U	17000 U	3800 U	3800 U	3700 U	3700 U
2-Methylphenol	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
2-Chlorophenol	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
2,4,5-Trichlorophenol	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U

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Sample Name		SL-106-SA8N-SB-2.5-3.5	SL-108-SA8N-SS-0.0-0.5	SL-109-SA8N-SB-4.0-5.0	SL-109-SA8N-SB-9.0-10.0	SL-111-SA8N-SS-0.0-0.5	SL-111-SA8N-SB-3.0-4.0
Sample Date		06/08/2011	04/20/2011	06/08/2011	06/08/2011	04/21/2011	06/10/2011
SDG		DE176	DE132	DE176	DE176	DE134	DE178
Start Depth		2.5	0	4	9	0	3
End Depth		3.5	0.5	5	10	0.5	4
3-Nitroaniline	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U
Benzyl Alcohol	ug/kg	570 U	2500 U	570 U	580 U	560 U	550 U
2,6-Dinitrotoluene	ug/kg	190 U	840 U	190 U	190 U	190 U	180 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-112-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-115-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-116-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-116-SA8N-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-117-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-118-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-119-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5
Chemical Name	Unit							
N-Nitrosodimethylamine (1625C)	ng/kg	34.5 J Z	372 U	242 J Z	384 U	84.1	389 U	101 J Q
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	9.3 U	10 U	1.9 U	8.7 U	9.7 U	1.8 U
2,4-Dinitrotoluene	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Nitrobenzene	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Hexachlorobutadiene	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
1,2-Dichlorobenzene	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
4-Nitroaniline	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
4-Nitrophenol	ug/kg	560 U	560 U	590 U	580 U	520 U	580 U	530 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
4-Methylphenol	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
4-Chloroaniline	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Phenol	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	28 J Z	20 J Z	33 J Z	380 U B	34 J Z	46 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	--	--	--	--	--	56
Di-N-Octyl Phthalate (8270C)	ug/kg	--	190 U	200 U	--	170 U	190 U	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 UJ C	--	--	21 U	--	--	19 UJ C
Hexachlorobenzene	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	2.1 J Z	4.6 J Z	1.9 U	8.7 U	9.7 U	1.8 U
2,4-Dichlorophenol	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	27 J L, Z	--
Pyrene (8270C SIM)	ug/kg	1.9 U	61	19	1.9 U	6.1 J Z	--	1.7 J Z
Dimethylphthalate (8270C)	ug/kg	--	190 U	200 U	--	170 U	190 U	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	--	--	21 U	--	--	19 U
Dibenzofuran	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	24 J Z	23 J Z	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	90	16	1.9 U	--	--	1.8 J FD
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	88	13	1.9 U	4.0 J Z	5.2 J Z	1.0 J FD, Z
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	17 J Z	26 J Z	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.0 J Z, C	220 J C	24 J C	1.9 U	--	--	2.6 J C
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	23 J Z	--
Fluoranthene (8270C SIM)	ug/kg	0.93 J Z	77	28	1.9 U	6.1 J Z	--	2.3
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	74	8.1 J Z	1.9 U	8.7 U	3.9 J Z	0.75 J Z
Acenaphthylene	ug/kg	1.9 U	9.3 U	10 U	1.9 U	8.7 U	9.7 U	1.8 U

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	Sample Name Sample Date SDG Start Depth End Depth	SL-112-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-115-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-116-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-116-SA8N-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-117-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-118-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-119-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5
Chrysene (8270C)	ug/kg	--	--	--	--	31 J Z	39 J Z	--
Chrysene (8270C SIM)	ug/kg	0.95 J Z	120	15	1.9 U	--	--	2.2
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	140	18	1.9 U	7.8 J Z	9.0 J Z	1.8 J FD
2,4-Dinitrophenol	ug/kg	1100 UJ L	1100 UJ L	1200 UJ L	1200 U	1000 UJ L	1200 UJ L	1100 UJ L
4,6-Dinitro-2-Methylphenol	ug/kg	560 UJ C	560 UJ C	590 UJ C	580 U	520 U	580 U	530 UJ C
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	25	4.1 J Z	1.9 U	3.6 J Z	9.7 U	1.8 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	110	12	1.9 U	5.4 J Z	6.0 J Z	1.4 J FD, Z
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Aniline	ug/kg	560 U	560 U	590 U	580 U	520 U	580 U	530 U
Benzoic Acid	ug/kg	560 U	560 U	590 U	580 U	520 U	580 U	530 U
Hexachloroethane	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Hexachlorocyclopentadiene	ug/kg	560 U	560 U	590 U	580 U	520 U	580 U	530 U
Isophorone	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	9.3 U	10 U	1.9 U	8.7 U	9.7 U	1.8 U
Diethylphthalate (8270C)	ug/kg	--	190 U	200 U	--	170 U	190 U	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	--	--	21 U	--	--	8.9 J FD, Q, Z
Di-n-Butylphthalate (8270C)	ug/kg	--	190 U	200 U	--	170 U	190 U	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	--	--	21 U	--	--	19 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	0.76 J Z	9.3 U	15	1.9 U	8.7 U	9.7 U	1.4 J Z
Butylbenzylphthalate (8270C)	ug/kg	--	190 U	200 U	--	170 U	190 U	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	--	--	21 U	--	--	19 UJ FD
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Fluorene	ug/kg	0.82 J Z	9.3 U	5.1 J Z	1.9 U	8.7 U	9.7 U	1.8 U
Carbazole	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Pentachlorophenol	ug/kg	560 U	560 U	590 U	580 U	520 U	580 U	530 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
2-Nitroaniline	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
2-Nitrophenol	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
1-Methylnaphthalene	ug/kg	1.9 U	9.3 U	10 U	1.9 U	8.7 U	9.7 U	1.8 U
Naphthalene	ug/kg	1.1 J Z	9.3 U	10 U	1.9 U	8.7 U	9.7 U	1.8 U
2-Methylnaphthalene	ug/kg	1.9 U	9.3 U	10 U	1.9 U	8.7 U	9.7 U	1.8 U
2-Chloronaphthalene	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
3,3`-Dichlorobenzidine	ug/kg	380 U	370 U	400 U	380 U	350 U	390 U	350 U
Benzdine	ug/kg	3800 U	3700 U	4000 U	3800 U	3500 U	3900 U	3500 R Q
2-Methylphenol	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
2-Chlorophenol	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
2,4,5-Trichlorophenol	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U

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Sample Name		SL-112-SA8N-SS-0.0-0.5	SL-115-SA8N-SS-0.0-0.5	SL-116-SA8N-SS-0.0-0.5	SL-116-SA8N-SB-4.0-5.0	SL-117-SA8N-SS-0.0-0.5	SL-118-SA8N-SS-0.0-0.5	SL-119-SA8N-SS-0.0-0.5
Sample Date		04/21/2011	04/21/2011	04/21/2011	06/09/2011	04/21/2011	04/21/2011	04/21/2011
SDG		DE134	DE134	DE134	DE177	DE134	DE134	DE134
Start Depth		0	0	0	4	0	0	0
End Depth		0.5	0.5	0.5	5	0.5	0.5	0.5
3-Nitroaniline	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U
Benzyl Alcohol	ug/kg	560 U	560 U	590 U	580 U	520 U	580 U	530 U
2,6-Dinitrotoluene	ug/kg	190 U	190 U	200 U	190 U	170 U	190 U	180 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-120-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-120-SA8N-SB-4.0-5.0 05/11/2011 DE148 4 5	SL-120-SA8N-SB-9.0-10.0 05/11/2011 DE148 9 10	SL-122-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-122-SA8N-SB-2.0-3.0 06/07/2011 DE175 2 3	SL-125-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	149 J FD, Q	34.5 J Z	55.2	348 U	26.6 J Z	254 J Z
N-Nitrosodimethylamine (8270C SIM)	ug/kg	8.9 U	18 U	1.9 U	1.7 U	1.8 U	2.0 U
2,4-Dinitrotoluene	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Nitrobenzene	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
1,4-Dichlorobenzene	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
1,2,4-Trichlorobenzene	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
1,3-Dichlorobenzene	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Hexachlorobutadiene	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
1,2-Dichlorobenzene	ug/kg	180 U	900 UJ L	190 UJ L	170 U	180 UJ L	200 U
4-Nitroaniline	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
4-Nitrophenol	ug/kg	530 U	2700 U	570 U	520 U	540 U	600 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	900 UJ L	190 UJ L	170 UJ L	180 U	200 U
2,4-Dimethylphenol	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
4-Methylphenol	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
4-Chloroaniline	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
3,5-Dimethylphenol	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Phenol	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	28 J Z	--	26 J Z	27 J Z	--	48 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	200 U	--	--	19 U	--
Di-N-Octyl Phthalate (8270C)	ug/kg	180 U	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	--	200 U	21 U	19 U	19 U	22 UJ C
Hexachlorobenzene	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	8.9 UJ FD	18 U	1.9 U	1.7 U	1.8 U	2.0 U
2,4-Dichlorophenol	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
1,2-Diphenylhydrazine	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	6.6 J FD, Q, Z	11 J Z	1.1 J Z	1.2 J Z	1.8 U	3.3
Dimethylphthalate (8270C)	ug/kg	180 U	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	--	200 U	21 U	19 U	19 U	22 U
Dibenzofuran	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	4.2 J FD, Z	13 J Z	1.9 U	1.2 J Z	1.8 U	1.9 J Z
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	8.9 UJ FD	18 U	1.9 U	1.1 J Z	1.8 U	1.4 J Z
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	8.1 J FD, Q, Z	37	3.6	1.7	1.8 U	4.2 J C
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	9.5 J FD	10 J Z	1.3 J Z	1.6 J Z	1.8 U	4.7
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	8.9 UJ FD	18 U	1.9 U	1.7 U	2	1.5 J Z
Acenaphthylene	ug/kg	8.9 U	18 U	1.9 U	1.7 U	1.8 U	2.0 U

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	Sample Name Sample Date SDG Start Depth End Depth	SL-120-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-120-SA8N-SB-4.0-5.0 05/11/2011 DE148 4 5	SL-120-SA8N-SB-9.0-10.0 05/11/2011 DE148 9 10	SL-122-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-122-SA8N-SB-2.0-3.0 06/07/2011 DE175 2 3	SL-125-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	6.9 J FD, Z	22	1.1 J Z	1.4 J Z	1.8 U	3.4
bis(2-Chloroisopropyl) ether	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	3.6 J FD, Z	18 U	0.90 J Z	0.85 J Z	1.8 U	2
2,4-Dinitrophenol	ug/kg	1100 U	5400 U	1100 U	1000 U	1100 U	1200 UJ L
4,6-Dinitro-2-Methylphenol	ug/kg	530 U	2700 U	570 U	520 U	540 U	600 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	8.9 UJ FD	18 U	1.9 U	1.7 U	1.8 U	2.0 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	8.9 UJ FD	18 U	1.9 U	1.7 U	1.8 U	1.4 J Z
4-Chloro-3-Methylphenol	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Aniline	ug/kg	530 U	2700 U	570 U	520 U	540 U	600 U
Benzoic Acid	ug/kg	530 U	2700 U	570 U	520 U	540 U	600 U
Hexachloroethane	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
4-Chlorophenyl Phenylether	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Hexachlorocyclopentadiene	ug/kg	530 U	2700 U	570 U	520 U	540 U	600 U
Isophorone	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	8.9 UJ FD	18 U	1.9 U	1.7 U	1.8 U	2.0 U
Diethylphthalate (8270C)	ug/kg	180 U	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	--	200 U	21 U	19 U	19 U	22 U
Di-n-Butylphthalate (8270C)	ug/kg	180 UJ FD	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	--	200 U	7.3 J Z	19 U	19 U	7.5 J Z
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	5.4 J FD, Z	18 U	1.9 U	0.86 J Z	1.8 U	2.6
Butylbenzylphthalate (8270C)	ug/kg	180 U	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	--	200 U	21 U	19 U	19 U	22 U
N-Nitrosodiphenylamine	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Fluorene	ug/kg	8.9 UJ FD	18 U	1.9 U	1.7 U	1.8 U	2.0 U
Carbazole	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Pentachlorophenol	ug/kg	530 U	2700 U	570 U	520 U	540 U	600 U
2,4,6-Trichlorophenol	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
2-Nitroaniline	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
2-Nitrophenol	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
1-Methylnaphthalene	ug/kg	8.9 UJ FD	18 U	1.9 U	1.7 U	1.8 U	2.0 U
Naphthalene	ug/kg	8.9 UJ FD	18 U	1.9 U	1.7 U	0.90 J Z	1.8 J Z
2-Methylnaphthalene	ug/kg	8.9 UJ FD	18 U	1.9 U	1.7 U	1.8 U	2.0 U
2-Chloronaphthalene	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
3,3`-Dichlorobenzidine	ug/kg	350 U	1800 U	380 U	340 U	360 U	400 U
Benzidine	ug/kg	3500 R Q	18000 U	3800 U	3400 U	3600 U	4000 U
2-Methylphenol	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
2-Chlorophenol	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
2,4,5-Trichlorophenol	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U

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Sample Name		SL-120-SA8N-SS-0.0-0.5	SL-120-SA8N-SB-4.0-5.0	SL-120-SA8N-SB-9.0-10.0	SL-122-SA8N-SS-0.0-0.5	SL-122-SA8N-SB-2.0-3.0	SL-125-SA8N-SS-0.0-0.5
Sample Date		04/20/2011	05/11/2011	05/11/2011	04/19/2011	06/07/2011	04/21/2011
SDG		DE132	DE148	DE148	DE131	DE175	DE134
Start Depth		0	4	9	0	2	0
End Depth		0.5	5	10	0.5	3	0.5
3-Nitroaniline	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U
Benzyl Alcohol	ug/kg	530 U	2700 U	570 U	520 U	540 U	600 U
2,6-Dinitrotoluene	ug/kg	180 U	900 U	190 U	170 U	180 U	200 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-126-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-127-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-127-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-128-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-128-SA8N-SB-2.5-3.5 05/10/2011 DE147 2.5 3.5	SL-129-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-129-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5
Chemical Name	Unit							
N-Nitrosodimethylamine (1625C)	ng/kg	370 U	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.8 U	8.9 U	1.9 U	2.0 U	1.8 U	1.8 U	1.8 U
2,4-Dinitrotoluene	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Nitrobenzene	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
1,4-Dichlorobenzene	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
1,2,4-Trichlorobenzene	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
1,3-Dichlorobenzene	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Hexachlorobutadiene	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
1,2-Dichlorobenzene	ug/kg	180 U	180 U	190 UJ L	200 U	180 UJ L	180 U	180 UJ L
4-Nitroaniline	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
4-Nitrophenol	ug/kg	550 U	530 U	560 U	600 U	540 U	540 U	550 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	180 U	190 UJ L	200 U	180 UJ L	180 U	180 UJ L
2,4-Dimethylphenol	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
4-Methylphenol	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
4-Chloroaniline	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
3,5-Dimethylphenol	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Phenol	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	50 J Z	39 J Z	--	39 J Z	--	22 J Z	20 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	--	12 J Z	--	9.4 J Z	--	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	180 U	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 UJ C	--	20 U	21 U	20 U	19 U	20 U
Hexachlorobenzene	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	0.40 J Z	8.9 U	1.9 U	2.0 U	1.8 U	1.8 U	1.8 U
2,4-Dichlorophenol	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
1,2-Diphenylhydrazine	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	4.1	8.9 U	1.9 U	2.1	1.8 U	1.8 U	1.8 U
Dimethylphthalate (8270C)	ug/kg	--	180 U	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	--	20 U	21 U	20 U	19 U	20 U
Dibenzofuran	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	2.6	8.9 U	1.9 U	1.1 J Z	1.8 U	1.8 U	1.8 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	2	8.9 U	1.9 U	2.0 U	1.8 U	1.8 U	1.8 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	5.0 J C	3.8 J Z	1.9 U	2.9	1.8 U	1.8 U	1.8 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	4.6	8.9 U	1.9 U	2.7	1.8 U	1.8 U	1.8 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	2.4	8.9 U	1.9 U	0.87 J Z	1.8 U	1.8 U	1.8 U
Acenaphthylene	ug/kg	1.8 U	8.9 U	1.9 U	2.0 U	1.8 U	1.8 U	1.8 U

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J - Result is an estimated value
R - Result is rejected

	Sample Name Sample Date SDG Start Depth End Depth	SL-126-SA8N-SS-0.0-0.5	SL-127-SA8N-SS-0.0-0.5	SL-127-SA8N-SB-4.0-5.0	SL-128-SA8N-SS-0.0-0.5	SL-128-SA8N-SB-2.5-3.5	SL-129-SA8N-SS-0.0-0.5	SL-129-SA8N-SB-4.0-5.0
		04/21/2011 DE134 0 0.5	04/20/2011 DE132 0 0.5	05/10/2011 DE147 4 5	04/20/2011 DE132 0 0.5	05/10/2011 DE147 2.5 3.5	04/20/2011 DE132 0 0.5	05/10/2011 DE147 4 5
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	4.3	3.1 J Z	1.9 U	2.1	1.8 U	0.40 J Z	1.8 U
bis(2-Chloroisopropyl) ether	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	2.5	8.9 U	1.9 U	1.0 J Z	1.8 U	1.8 U	1.8 U
2,4-Dinitrophenol	ug/kg	1100 UJ L	1100 U	1100 U	1200 U	1100 U	1100 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	550 U	530 U	560 U	600 U	540 U	540 U	550 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.8 U	8.9 U	1.9 U	2.0 U	1.8 U	1.8 U	1.8 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	2.1	8.9 U	1.9 U	0.91 J Z	1.8 U	1.8 U	1.8 U
4-Chloro-3-Methylphenol	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Aniline	ug/kg	550 U	530 U	560 U	600 U	540 U	540 U	550 U
Benzoic Acid	ug/kg	550 U	530 U	560 U	600 U	540 U	540 U	550 U
Hexachloroethane	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
4-Chlorophenyl Phenylether	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Hexachlorocyclopentadiene	ug/kg	550 U	530 U	560 U	600 U	540 U	540 U	550 U
Isophorone	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.8 U	8.9 U	1.9 U	2.0 U	1.8 U	1.8 U	1.8 U
Diethylphthalate (8270C)	ug/kg	--	180 U	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	--	20 U	21 U	20 U	19 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	1100	--	23 J Z	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	--	20 U	--	7.6 J Z	19 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	2.8	8.9 U	1.9 U	1.2 J Z	1.8 U	1.8 U	1.8 U
Butylbenzylphthalate (8270C)	ug/kg	26 J L, Z	20 J Z	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	--	--	20 U	21 U	20 U	19 U	20 U
N-Nitrosodiphenylamine	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Fluorene	ug/kg	2.4	8.9 U	1.9 U	2.0 U	1.8 U	1.8 U	1.8 U
Carbazole	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Pentachlorophenol	ug/kg	550 U	530 U	560 U	600 U	540 U	540 U	550 U
2,4,6-Trichlorophenol	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
2-Nitroaniline	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
2-Nitrophenol	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
1-Methylnaphthalene	ug/kg	1.8 U	8.9 U	1.9 U	2.0 U	1.8 U	1.8 U	1.8 U
Naphthalene	ug/kg	1.2 J Z	8.9 U	1.9 U	2.0 U	1.8 U	1.8 U	1.8 U
2-Methylnaphthalene	ug/kg	1.8 U	8.9 U	1.9 U	2.0 U	1.8 U	1.8 U	1.8 U
2-Chloronaphthalene	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
3,3`-Dichlorobenzidine	ug/kg	370 U	350 U	370 U	400 U	360 U	360 U	370 U
Benzidine	ug/kg	3700 U	3500 U	3700 U	4000 U	3600 U	3600 U	3700 U
2-Methylphenol	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
2-Chlorophenol	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
2,4,5-Trichlorophenol	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U

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Sample Name		SL-126-SA8N-SS-0.0-0.5	SL-127-SA8N-SS-0.0-0.5	SL-127-SA8N-SB-4.0-5.0	SL-128-SA8N-SS-0.0-0.5	SL-128-SA8N-SB-2.5-3.5	SL-129-SA8N-SS-0.0-0.5	SL-129-SA8N-SB-4.0-5.0
Sample Date		04/21/2011	04/20/2011	05/10/2011	04/20/2011	05/10/2011	04/20/2011	05/10/2011
SDG		DE134	DE132	DE147	DE132	DE147	DE132	DE147
Start Depth		0	0	4	0	2.5	0	4
End Depth		0.5	0.5	5	0.5	3.5	0.5	5
3-Nitroaniline	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U
Benzyl Alcohol	ug/kg	550 U	530 U	560 U	600 U	540 U	540 U	550 U
2,6-Dinitrotoluene	ug/kg	180 U	180 U	190 U	200 U	180 U	180 U	180 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-130-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-131-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-132-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-133-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-133-SA8N-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-133-SA8N-SB-7.0-8.0 06/06/2011 DE175 7 8	SL-134-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5
Chemical Name	Unit							
N-Nitrosodimethylamine (1625C)	ng/kg	--	--	36.0 U	300 J FD, Z	39.3 U B	37.9 U	37.8 U
N-Nitrosodimethylamine (8270C SIM)	ug/kg	9.7 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Nitrobenzene	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Hexachlorobutadiene	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	960 UJ L	180 U	190 U	190 UJ L	190 UJ L	190 U
4-Nitroaniline	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
4-Nitrophenol	ug/kg	580 U	2900 U	550 U	580 U	580 U	580 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
4-Methylphenol	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
4-Chloroaniline	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Phenol	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	31 J Z	--	37 J Z	67 J Z	--	--	21 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	21 U F, Z	--	--	21 U	20 U	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	48 J Z	21 UJ C	20 UJ C	21 U	21 U	20 U	20 U
Hexachlorobenzene	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	2.5 J Z	15	0.88 J Z	1.9 U	1.9 U	0.42 J Z	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	37 J Z	--	--	--
Pyrene (8270C SIM)	ug/kg	15	170	9.4	--	1.9 U	1.9 U	3.8
Dimethylphthalate (8270C)	ug/kg	190 U	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	--	21 U	20 U	21 U	21 U	20 U	20 U
Dibenzofuran	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	7.4 J Z	19	3.3	1.2 J Z	1.9 U	1.9 U	1.8 J Z
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	9.7 U	20	2.6	0.93 J Z	1.9 U	1.9 U	1.4 J Z
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	21 J Z	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	15	140 J C	8.3 J C	--	1.9 U	1.9 U	3.8
Fluoranthene (8270C)	ug/kg	--	--	--	41 J Z	--	--	--
Fluoranthene (8270C SIM)	ug/kg	29	200	12	--	1.9 U	1.9 U	5.4
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	4.3 J Z	58	4.2	0.99 J Z	1.9 U	1.9 U	1.7 J Z
Acenaphthylene	ug/kg	9.7 U	1.0 J Z	1.8 U	0.66 J Z	1.9 U	1.9 U	1.9 U

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	Sample Name Sample Date SDG Start Depth End Depth	SL-130-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-131-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-132-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-133-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-133-SA8N-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-133-SA8N-SB-7.0-8.0 06/06/2011 DE175 7 8	SL-134-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5
Chrysene (8270C)	ug/kg	--	--	--	26 J Z	--	--	--
Chrysene (8270C SIM)	ug/kg	15	120	6.7	--	1.9 U	1.9 U	5.6
bis(2-Chloroisopropyl) ether	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	4.2 J Z	69	4.4	1.3 J Z	1.9 U	1.9 U	1.9
2,4-Dinitrophenol	ug/kg	1200 U	5700 U	1100 U	1200 U	1200 U	1200 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	2900 U	550 U	580 U	580 U	580 U	570 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	9.7 U	7.2	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	20 J Z	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	9.7 U	88	4.5	--	1.9 U	1.9 U	1.6 J Z
4-Chloro-3-Methylphenol	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Aniline	ug/kg	580 U	2900 U	550 U	580 U	580 U	580 U	570 U
Benzoic Acid	ug/kg	580 U	2900 U	550 U	580 U	580 U	580 U	570 U
Hexachloroethane	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	580 U	2900 U	550 U	580 U	580 U	580 U	570 U
Isophorone	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	9.7 U	6.6	1.8 U	1.2 J Z	1.9 U	1.9 U	1.9 U
Diethylphthalate (8270C)	ug/kg	190 U	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	--	21 U	20 U	21 U	21 U	20 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	190 U	--	--	22 J Z	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	--	21 U	20 U	--	21 U	20 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	21 J Z	--	--	--
Phenanthrene (8270C SIM)	ug/kg	13	110	4.4	--	1.9 U	1.9 U	2.1
Butylbenzylphthalate (8270C)	ug/kg	190 U	--	--	25 J Z	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	--	18 J Z	20 U	--	21 U	20 U	20 U
N-Nitrosodiphenylamine	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Fluorene	ug/kg	9.7 U	6.3	1.8 U	0.95 J Z	1.9 U	1.9 U	1.9 U
Carbazole	ug/kg	190 U	960 U	180 U	21 J Z	190 U	190 U	190 U
Pentachlorophenol	ug/kg	580 U	2900 U	550 U	580 U	580 U	580 U	570 U
2,4,6-Trichlorophenol	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
2-Nitroaniline	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
2-Nitrophenol	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
1-Methylnaphthalene	ug/kg	9.7 U	1.1 J Z	1.8 U	2.4	1.9 U	1.9 U	1.9 U
Naphthalene	ug/kg	5.0 J Z	3.6	1.1 J Z	4.2	1.9 U	0.82 J Z	1.1 J Z
2-Methylnaphthalene	ug/kg	9.7 U	1.8 J Z	1.8 U	3.3	1.9 U	1.9 U	1.9 U
2-Chloronaphthalene	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
3,3`-Dichlorobenzidine	ug/kg	390 U	1900 U	360 U	390 U	390 U	380 U	380 U
Benzidine	ug/kg	3900 U	19000 U	3600 UJ C	3900 R Q	3900 U	3800 U	3800 U
2-Methylphenol	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
2-Chlorophenol	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U

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R - Result is rejected

Sample Name		SL-130-SA8N-SS-0.0-0.5	SL-131-SA8N-SS-0.0-0.5	SL-132-SA8N-SS-0.0-0.5	SL-133-SA8N-SS-0.0-0.5	SL-133-SA8N-SB-4.0-5.0	SL-133-SA8N-SB-7.0-8.0	SL-134-SA8N-SS-0.0-0.5
Sample Date		04/14/2011	04/12/2011	04/18/2011	04/14/2011	06/06/2011	06/06/2011	04/14/2011
SDG		DE127	DE125	DE130	DE127	DE174	DE175	DE127
Start Depth		0	0	0	0	4	7	0
End Depth		0.5	0.5	0.5	0.5	5	8	0.5
3-Nitroaniline	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U
Benzyl Alcohol	ug/kg	580 U	2900 U	550 U	580 U	580 U	580 U	570 U
2,6-Dinitrotoluene	ug/kg	190 U	960 U	180 U	190 U	190 U	190 U	190 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-135-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-135-SA8N-SB-2.0-3.0 05/09/2011 DE146 2 3	SL-136-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-136-SA8N-SB-4.0-5.0 05/11/2011 DE148 4 5	SL-136-SA8N-SB-9.0-10.0 05/11/2011 DE148 9 10	SL-137-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	36.5 U B	55.7	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	8.6 U
2,4-Dinitrotoluene	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Nitrobenzene	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
1,4-Dichlorobenzene	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
1,2,4-Trichlorobenzene	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
1,3-Dichlorobenzene	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Hexachlorobutadiene	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
1,2-Dichlorobenzene	ug/kg	180 U	180 U	200 U	180 UJ L	170 UJ L	860 U
4-Nitroaniline	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
4-Nitrophenol	ug/kg	540 U	550 U	590 U	530 U	520 U	2600 U
4-Bromophenyl Phenyl Ether	ug/kg	180 UJ L	180 U	200 U	180 UJ L	170 UJ L	860 U
2,4-Dimethylphenol	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
4-Methylphenol	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
4-Chloroaniline	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
3,5-Dimethylphenol	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Phenol	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	20 J Z	--	33 J Z	19 J Z	--	140 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	6.7 J Z	--	--	8.4 J Z	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	860 U
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 U	20 U	21 U	19 U	19 U	--
Hexachlorobenzene	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	190 J Z
Anthracene (8270C SIM)	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	--
2,4-Dichlorophenol	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
1,2-Diphenylhydrazine	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Pyrene (8270C)	ug/kg	--	--	21 J Z	--	--	2600
Pyrene (8270C SIM)	ug/kg	1.8 U	1.8 U	--	1.8 U	1.7 U	--
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	860 U
Dimethylphthalate (8270C SIM)	ug/kg	20 U	20 U	21 U	19 U	19 U	--
Dibenzofuran	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	980
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	--
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	790 J Z
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	--
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	1500
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.8 U	1.2 J Z	2.0 U	1.8 U	1.7 U	--
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	2200
Fluoranthene (8270C SIM)	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	--
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	910
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	--
Acenaphthylene	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	8.6 U

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	Sample Name Sample Date SDG Start Depth End Depth	SL-135-SA8N-SS-0.0-0.5	SL-135-SA8N-SB-2.0-3.0	SL-136-SA8N-SS-0.0-0.5	SL-136-SA8N-SB-4.0-5.0	SL-136-SA8N-SB-9.0-10.0	SL-137-SA8N-SS-0.0-0.5
		04/19/2011	05/09/2011	04/20/2011	05/11/2011	05/11/2011	04/20/2011
		DE131	DE146	DE132	DE148	DE148	DE132
		0	2	0	4	9	0
		0.5	3	0.5	5	10	0.5
Chrysene (8270C)	ug/kg	--	--	21 J Z	--	--	1700
Chrysene (8270C SIM)	ug/kg	1.8 U	1.9	--	1.8 U	1.7 U	--
bis(2-Chloroisopropyl) ether	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	1200
Benzo(a)pyrene (8270C SIM)	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	--
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1200 U	1100 U	1000 U	5200 U
4,6-Dinitro-2-Methylphenol	ug/kg	540 U	550 U	590 U	530 U	520 U	2600 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	280 J Z
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	--
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	1200
Benzo(a)anthracene (8270C SIM)	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	--
4-Chloro-3-Methylphenol	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Aniline	ug/kg	540 U	550 U	590 U	530 U	520 U	2600 U
Benzoic Acid	ug/kg	540 U	550 U	590 U	530 U	520 U	2600 U
Hexachloroethane	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
4-Chlorophenyl Phenylether	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Hexachlorocyclopentadiene	ug/kg	540 U	550 U	590 U	530 U	520 U	2600 U
Isophorone	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	120 J Z
Acenaphthene (8270C SIM)	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	--
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	860 U
Diethylphthalate (8270C SIM)	ug/kg	20 U	20 U	21 U	19 U	19 U	--
Di-n-Butylphthalate (8270C)	ug/kg	--	--	110 J Z	--	--	860 U
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	20 U	--	13 J Z	19 U	--
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	1200
Phenanthrene (8270C SIM)	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	--
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	860 U
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	20 U	21 U	19 U	19 U	--
N-Nitrosodiphenylamine	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Fluorene	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	8.6 U
Carbazole	ug/kg	180 U	180 U	200 U	180 U	170 U	110 J Z
Pentachlorophenol	ug/kg	540 U	550 U	590 U	530 U	520 U	2600 U
2,4,6-Trichlorophenol	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
2-Nitroaniline	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
2-Nitrophenol	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
1-Methylnaphthalene	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	8.6 U
Naphthalene	ug/kg	1.8 U	1.2 J Z	2.0 U	1.8 U	1.7 U	8.6 U
2-Methylnaphthalene	ug/kg	1.8 U	1.8 U	2.0 U	1.8 U	1.7 U	8.6 U
2-Chloronaphthalene	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
3,3`-Dichlorobenzidine	ug/kg	360 U	370 U	390 U	350 U	350 U	1700 U
Benzdine	ug/kg	3600 U	3700 U	3900 U	3500 U	3500 U	17000 U
2-Methylphenol	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
2-Chlorophenol	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
2,4,5-Trichlorophenol	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U

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Sample Name		SL-135-SA8N-SS-0.0-0.5	SL-135-SA8N-SB-2.0-3.0	SL-136-SA8N-SS-0.0-0.5	SL-136-SA8N-SB-4.0-5.0	SL-136-SA8N-SB-9.0-10.0	SL-137-SA8N-SS-0.0-0.5
Sample Date		04/19/2011	05/09/2011	04/20/2011	05/11/2011	05/11/2011	04/20/2011
SDG		DE131	DE146	DE132	DE148	DE148	DE132
Start Depth		0	2	0	4	9	0
End Depth		0.5	3	0.5	5	10	0.5
3-Nitroaniline	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U
Benzyl Alcohol	ug/kg	540 U	550 U	590 U	530 U	520 U	2600 U
2,6-Dinitrotoluene	ug/kg	180 U	180 U	200 U	180 U	170 U	860 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-137-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-137-SA8N-SB-9.0-10.0 05/10/2011 DE147 9 10	SL-139-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-138-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-140-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-140-SA8N-SB-3.0-4.0 06/07/2011 DE175 3 4
Chemical Name	Unit						
N-Nitrosodimethylamine (1625C)	ng/kg	--	--	34.9 U B	36.3 UJ B, Q	38.1 U	24.7 J Z
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.8 U	1.9 U	1.7 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrotoluene	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Nitrobenzene	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Hexachlorobutadiene	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	180 UJ L	190 UJ L	170 U	180 U	190 U	190 UJ L
4-Nitroaniline	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
4-Nitrophenol	ug/kg	550 U	560 U	520 U	540 U	560 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	180 UJ L	190 UJ L	170 UJ L	180 UJ L	190 UJ L	190 U
2,4-Dimethylphenol	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
4-Methylphenol	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
4-Chloroaniline	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Phenol	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	19 J Z	23 J Z	27 J Z	24 J Z	28 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	--	--	--	--	20 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 U	21 U	19 U	20 U	21 U	20 U
Hexachlorobenzene	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	0.39 J Z	1.9 U	1.7 U	1.8 U	1.9 U	1.9 U
2,4-Dichlorophenol	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	2	0.84 J Z	1.7 U	1.1 J FD, Z	1.5 J Z	0.87 J Z
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	21 U	19 U	20 U	21 U	20 U
Dibenzofuran	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.7 U	1.8 U	1.3 J Z	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.8 U	1.9 U	0.88 J Z	1.8 U	1.1 J Z	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.1 J Z	1.3 J Z	0.96 J Z	1.8 J FD	2.2	0.76 J Z
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	2.1	1.9 U	1.0 J Z	1.7 J FD, Z	1.9	1.0 J Z
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.7 U	0.86 J FD, Z	1.9 U	0.96 J Z
Acenaphthylene	ug/kg	1.8 U	1.9 U	1.7 U	1.8 U	1.9 U	1.9 U

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	Sample Name Sample Date SDG Start Depth End Depth	SL-137-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-137-SA8N-SB-9.0-10.0 05/10/2011 DE147 9 10	SL-139-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-138-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-140-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-140-SA8N-SB-3.0-4.0 06/07/2011 DE175 3 4
Chrysene (8270C)	ug/kg	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	0.97 J Z	0.63 J Z	0.84 J Z	1.5 J FD, Z	1.9	0.53 J Z
bis(2-Chloroisopropyl) ether	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	0.84 J Z	1.9 U	1.7 U	0.77 J FD, Z	1.0 J Z	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1000 U	1100 U	1100 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	550 U	560 U	520 U	540 U	560 U	570 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.7 U	1.8 U	1.9 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	0.97 J Z	1.9 U	1.7 U	1.8 U	1.9 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Aniline	ug/kg	550 U	560 U	520 U	540 U	560 U	570 U
Benzoic Acid	ug/kg	550 U	560 U	520 U	540 U	560 U	570 U
Hexachloroethane	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	550 U	560 U	520 U	540 U	560 U	570 U
Isophorone	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.7 U	1.8 U	1.9 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	21 U	19 U	20 U	21 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	7.6 J Z	19 U	20 U	21 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.7 J Z	1.4 J Z	1.7 U	0.96 J FD, Z	1.1 J Z	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	21 U	19 U	20 U	21 U	20 U
N-Nitrosodiphenylamine	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Fluorene	ug/kg	1.8 U	1.9 U	1.7 U	1.8 U	1.9 U	1.9 U
Carbazole	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Pentachlorophenol	ug/kg	550 U	560 U	520 U	540 U	560 U	570 U
2,4,6-Trichlorophenol	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
2-Nitroaniline	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
2-Nitrophenol	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
1-Methylnaphthalene	ug/kg	1.8 U	1.9 U	1.7 U	1.8 U	1.9 U	1.9 U
Naphthalene	ug/kg	1.8 U	1.9 U	1.7 U	1.8 U	1.9 U	1.0 J Z
2-Methylnaphthalene	ug/kg	1.8 U	1.9 U	1.7 U	1.8 U	1.9 U	1.9 U
2-Chloronaphthalene	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
3,3`-Dichlorobenzidine	ug/kg	360 U	380 U	340 U	360 U	380 U	380 U
Benzidine	ug/kg	3600 U	3800 U	3400 U	3600 R Q	3800 U	3800 U
2-Methylphenol	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
2-Chlorophenol	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-137-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-137-SA8N-SB-9.0-10.0 05/10/2011 DE147 9 10	SL-139-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-138-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-140-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-140-SA8N-SB-3.0-4.0 06/07/2011 DE175 3 4
3-Nitroaniline	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U
Benzyl Alcohol	ug/kg	550 U	560 U	520 U	540 U	560 U	570 U
2,6-Dinitrotoluene	ug/kg	180 U	190 U	170 U	180 U	190 U	190 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name		SL-141-SA8N-SS-0.0-0.5	SL-141-SA8N-SB-4.0-5.0
Sample Date		04/15/2011	05/09/2011
SDG		DE129	DE146
Start Depth		0	4
End Depth		0.5	5
Chemical Name	Unit		
N-Nitrosodimethylamine (1625C)	ng/kg	37.2 J Z	401 UJ FD
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	2.0 U
2,4-Dinitrotoluene	ug/kg	190 U	200 U
Nitrobenzene	ug/kg	190 U	200 U
1,4-Dichlorobenzene	ug/kg	190 U	200 U
1,2,4-Trichlorobenzene	ug/kg	190 U	200 U
1,3-Dichlorobenzene	ug/kg	190 U	200 U
Hexachlorobutadiene	ug/kg	190 U	200 U
1,2-Dichlorobenzene	ug/kg	190 U	200 U
4-Nitroaniline	ug/kg	190 U	200 U
4-Nitrophenol	ug/kg	570 U	600 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	200 U
2,4-Dimethylphenol	ug/kg	190 U	200 U
4-Methylphenol	ug/kg	190 U	200 U
4-Chloroaniline	ug/kg	190 U	200 U
3,5-Dimethylphenol	ug/kg	190 U	200 U
Phenol	ug/kg	190 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	20 U	21 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	200 U
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 U	--
Hexachlorobenzene	ug/kg	190 U	200 U
Anthracene (8270C)	ug/kg	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	2.0 U
2,4-Dichlorophenol	ug/kg	190 U	200 U
1,2-Diphenylhydrazine	ug/kg	190 U	200 U
Pyrene (8270C)	ug/kg	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	2.0 U
Dimethylphthalate (8270C)	ug/kg	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	21 U
Dibenzofuran	ug/kg	190 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	2.0 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	2.0 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	2.0 U
Fluoranthene (8270C)	ug/kg	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	2.0 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	2.0 U
Acenaphthylene	ug/kg	1.9 U	2.0 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-141-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5	SL-141-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5
Chrysene (8270C)	ug/kg	--	--
Chrysene (8270C SIM)	ug/kg	0.45 J Z	2.0 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	200 U
Benzo(a)pyrene (8270C)	ug/kg	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	2.0 U
2,4-Dinitrophenol	ug/kg	1100 U	1200 UJ Q
4,6-Dinitro-2-Methylphenol	ug/kg	570 U	600 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	2.0 U
Benzo(a)anthracene (8270C)	ug/kg	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	2.0 U
4-Chloro-3-Methylphenol	ug/kg	190 U	200 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	200 U
Aniline	ug/kg	570 U	600 U
Benzoic Acid	ug/kg	570 U	600 U
Hexachloroethane	ug/kg	190 U	200 U
4-Chlorophenyl Phenylether	ug/kg	190 U	200 U
Hexachlorocyclopentadiene	ug/kg	570 U	600 U
Isophorone	ug/kg	190 U	200 U
Acenaphthene (8270C)	ug/kg	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	2.0 U
Diethylphthalate (8270C)	ug/kg	--	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	21 U
Phenanthrene (8270C)	ug/kg	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	2.0 U
Butylbenzylphthalate (8270C)	ug/kg	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	21 U
N-Nitrosodiphenylamine	ug/kg	190 U	200 U
Fluorene	ug/kg	1.9 U	2.0 U
Carbazole	ug/kg	190 U	200 U
Pentachlorophenol	ug/kg	570 U	600 U
2,4,6-Trichlorophenol	ug/kg	190 U	200 U
2-Nitroaniline	ug/kg	190 U	200 U
2-Nitrophenol	ug/kg	190 U	200 U
1-Methylnaphthalene	ug/kg	1.9 U	2.0 UJ Q
Naphthalene	ug/kg	1.9 U	2.0 UJ FD
2-Methylnaphthalene	ug/kg	1.9 U	2.0 UJ Q
2-Chloronaphthalene	ug/kg	190 U	200 U
3,3`-Dichlorobenzidine	ug/kg	380 U	400 U
Benzidine	ug/kg	3800 U	4000 U
2-Methylphenol	ug/kg	190 U	200 U
2-Chlorophenol	ug/kg	190 U	200 U
2,4,5-Trichlorophenol	ug/kg	190 U	200 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name		SL-141-SA8N-SS-0.0-0.5	SL-141-SA8N-SB-4.0-5.0
Sample Date		04/15/2011	05/09/2011
SDG		DE129	DE146
Start Depth		0	4
End Depth		0.5	5
3-Nitroaniline	ug/kg	190 U	200 U
Benzyl Alcohol	ug/kg	570 U	600 U
2,6-Dinitrotoluene	ug/kg	190 U	200 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA8N-SB-4.0-5.0 05/26/2011 DE165 4 5	SL-002-SA8N-SB-4.0-5.0 05/26/2011 DE166 4 5	SL-003-SA8N-SB-4.0-5.0 05/27/2011 DE167 4 5	SL-004-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5	SL-005-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5	SL-006-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5	SL-007-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	--	--	--	--	--	--	--
EFH (C12-C14)	mg/kg	--	--	--	--	--	--	--
EFH (C15-C20)	mg/kg	--	--	--	--	--	--	--
EFH (C21-C30)	mg/kg	--	--	--	--	--	--	--
EFH (C30-C40)	mg/kg	--	--	--	--	--	--	--
EFH (C8-C11)	mg/kg	--	--	--	--	--	--	--
1,4-Dichlorobenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,2,4-Trichlorobenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,3-Dichlorobenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Hexachlorobutadiene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,2-Dichlorobenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Isopropyltoluene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Ethylbenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Styrene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
cis-1,3-Dichloropropene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
trans-1,3-Dichloropropene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
N-Propylbenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
N-Butylbenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
4-Chlorotoluene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,2-Dibromoethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,2-Dichloroethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
4-Methyl-2-Pentanone	ug/kg	8.8 U	9.9 U	8.9 U	8.0 U	8.2 U	9.0 U	7.2 U
1,3,5-Trimethylbenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Bromobenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Toluene	ug/kg	4.4 U	0.11 J FD, Z	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Chlorobenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
2-Chloroethyl Vinyl Ether	ug/kg	4.4 U	5.0 U	4.4 U	4.0 UJ C	4.1 UJ C	4.5 UJ C	3.6 U
1,4-Dioxane	ug/kg	17 U	17 U	17 U	15 U	14 U	16 U	14 U
Dibromochloromethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Tetrachloroethene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
sec-Butylbenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,3-Dichloropropane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
cis-1,2-Dichloroethene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
trans-1,2-Dichloroethene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Methyl tert-Butyl Ether	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
m,p-Xylene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Carbon tetrachloride	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,1-Dichloropropene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
2-Hexanone	ug/kg	8.8 U	9.9 U	8.9 U	8.0 U	8.2 U	9.0 U	7.2 U
2,2-Dichloropropane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,1,1,2-Tetrachloroethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Acetone	ug/kg	8.8 U B	9.9 U B	8.9 U B	8.0 U	8.2 U	9.0 U	7.2 U
Chloroform	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Benzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA8N-SB-4.0-5.0 05/26/2011 DE165 4 5	SL-002-SA8N-SB-4.0-5.0 05/26/2011 DE166 4 5	SL-003-SA8N-SB-4.0-5.0 05/27/2011 DE167 4 5	SL-004-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5	SL-005-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5	SL-006-SA8N-SB-4.0-5.0 04/21/2011 DE134 4 5	SL-007-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5
1,1,1-Trichloroethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Bromomethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Chloromethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Dibromomethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Bromochloromethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 UJ C	4.1 UJ C	4.5 UJ C	3.6 U
Chloroethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Vinyl Chloride	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Methylene chloride	ug/kg	4.4 U B	5.0 U B	4.4 U B	4.0 U B	4.1 U B	4.5 U B	3.6 U B
Bromoform	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Bromodichloromethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,1-Dichloroethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,1-Dichloroethene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Trichlorofluoromethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Dichlorodifluoromethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Freon 113a	ug/kg	5.5 U	6.2 U	5.5 U	5.0 U	5.1 U	5.6 U	4.5 U
Freon 113	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,2-Dichloropropane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
2-Butanone	ug/kg	8.8 U	9.9 U	8.9 U	8.0 U	8.2 U	9.0 U	7.2 U
1,1,2-Trichloroethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Trichloroethene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,1,2,2-Tetrachloroethane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Chlorotrifluoroethene	ug/kg	5.5 U	6.2 U	5.5 U	5.0 U	5.1 U	5.6 U	4.5 U
1,2,3-Trichlorobenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
o-Xylene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
2-Chlorotoluene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,2,4-Trimethylbenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,2-Dibromo-3-chloropropane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
1,2,3-Trichloropropane	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
tert-Butylbenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U
Isopropylbenzene	ug/kg	4.4 U	5.0 U	4.4 U	4.0 U	4.1 U	4.5 U	3.6 U

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J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-008-SA8N-SB-4.0-5.0 05/26/2011 DE166 4 5	SL-010-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-010-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5	SL-010-SA8N-SB-9.0-10.0 04/22/2011 DE135 9 10	SL-011-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-011-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5	SL-011-SA8N-SB-9.0-10.0 04/22/2011 DE135 9 10
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	--	--	1.0 U	1 U	--	1.0 U	1 U
EFH (C12-C14)	mg/kg	--	1.4 U	1.4 U	1.4 U	2.8 U	1.4 U	1.4 U
EFH (C15-C20)	mg/kg	--	4.1	1.4 U	1.4 U	3.9	1.4 U	1.4 U
EFH (C21-C30)	mg/kg	--	11	1.4 U	1.4 U	24	1.4 U	1.4 U
EFH (C30-C40)	mg/kg	--	26	0.86 J Z	1.8	73	0.86 J Z	0.53 J Z
EFH (C8-C11)	mg/kg	--	1.4 U	1.4 U	1.4 U	2.8 U	1.4 U	1.4 U
1,4-Dichlorobenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,2,4-Trichlorobenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,3-Dichlorobenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Hexachlorobutadiene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,2-Dichlorobenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Isopropyltoluene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Ethylbenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Styrene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
cis-1,3-Dichloropropene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
trans-1,3-Dichloropropene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
N-Propylbenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
N-Butylbenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
4-Chlorotoluene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,2-Dibromoethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,2-Dichloroethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
4-Methyl-2-Pentanone	ug/kg	9.2 U	--	8.2 U	7.9 U	--	8.1 U	8.4 U
1,3,5-Trimethylbenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Bromobenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Toluene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Chlorobenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
2-Chloroethyl Vinyl Ether	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,4-Dioxane	ug/kg	17 U	--	15 U	15 U	--	15 U	16 U
Dibromochloromethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Tetrachloroethene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
sec-Butylbenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,3-Dichloropropane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
cis-1,2-Dichloroethene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
trans-1,2-Dichloroethene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Methyl tert-Butyl Ether	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
m,p-Xylene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Carbon tetrachloride	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,1-Dichloropropene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
2-Hexanone	ug/kg	9.2 U	--	8.2 U	7.9 U	--	8.1 U	8.4 U
2,2-Dichloropropane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,1,1,2-Tetrachloroethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Acetone	ug/kg	9.2 U B	--	8.2 U	7.9 U	--	8.1 U	8.4 U
Chloroform	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Benzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-008-SA8N-SB-4.0-5.0 05/26/2011 DE166 4 5	SL-010-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-010-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5	SL-010-SA8N-SB-9.0-10.0 04/22/2011 DE135 9 10	SL-011-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-011-SA8N-SB-4.0-5.0 04/22/2011 DE135 4 5	SL-011-SA8N-SB-9.0-10.0 04/22/2011 DE135 9 10
1,1,1-Trichloroethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Bromomethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Chloromethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Dibromomethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Bromochloromethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Chloroethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Vinyl Chloride	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Methylene chloride	ug/kg	4.6 U B	--	4.1 U B	3.9 U B	--	4.1 U B	4.2 U B
Bromoform	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Bromodichloromethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,1-Dichloroethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,1-Dichloroethene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Trichlorofluoromethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Dichlorodifluoromethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Freon 113a	ug/kg	5.7 U	--	5.1 U	4.9 U	--	5.1 U	5.2 U
Freon 113	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,2-Dichloropropane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
2-Butanone	ug/kg	9.2 U	--	8.2 U	7.9 U	--	8.1 U	8.4 U
1,1,2-Trichloroethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Trichloroethene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,1,2,2-Tetrachloroethane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Chlorotrifluoroethene	ug/kg	5.7 U	--	5.1 U	4.9 U	--	5.1 U	5.2 U
1,2,3-Trichlorobenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
o-Xylene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
2-Chlorotoluene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,2,4-Trimethylbenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,2-Dibromo-3-chloropropane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
1,2,3-Trichloropropane	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
tert-Butylbenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U
Isopropylbenzene	ug/kg	4.6 U	--	4.1 U	3.9 U	--	4.1 U	4.2 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-012-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-012-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-013-SA8N-SB-2.0-3.0 04/29/2011 DE140 2 3	SL-014-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-015-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-016-SA8N-SB-3.0-4.0 05/03/2011 DE142 3 4	SL-017-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	--	0.9 U	--	--	--	--	--
EFH (C12-C14)	mg/kg	1.3 U	1.4 U	--	--	--	--	--
EFH (C15-C20)	mg/kg	1.8	1.4 U	--	--	--	--	--
EFH (C21-C30)	mg/kg	10	1.4 U	--	--	--	--	--
EFH (C30-C40)	mg/kg	33	0.65 J Z	--	--	--	--	--
EFH (C8-C11)	mg/kg	1.3 U	1.4 U	--	--	--	--	--
1,4-Dichlorobenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,2,4-Trichlorobenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,3-Dichlorobenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Hexachlorobutadiene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,2-Dichlorobenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Isopropyltoluene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Ethylbenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Styrene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
cis-1,3-Dichloropropene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
trans-1,3-Dichloropropene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
N-Propylbenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
N-Butylbenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
4-Chlorotoluene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,2-Dibromoethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,2-Dichloroethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
4-Methyl-2-Pentanone	ug/kg	--	7.8 U	7.6 U	7.4 U	8.0 U	7.8 U	7.4 U
1,3,5-Trimethylbenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Bromobenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Toluene	ug/kg	--	3.9 U	3.8 U B	3.7 U B	4.0 U	3.9 U	3.7 U B
Chlorobenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
2-Chloroethyl Vinyl Ether	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,4-Dioxane	ug/kg	--	14 U	15 U	15 U	14 U	18 U	14 U
Dibromochloromethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Tetrachloroethene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
sec-Butylbenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,3-Dichloropropane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
cis-1,2-Dichloroethene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
trans-1,2-Dichloroethene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Methyl tert-Butyl Ether	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
m,p-Xylene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Carbon tetrachloride	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,1-Dichloropropene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
2-Hexanone	ug/kg	--	7.8 U	7.6 U	7.4 U	8.0 U	7.8 U	7.4 U
2,2-Dichloropropane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,1,1,2-Tetrachloroethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Acetone	ug/kg	--	8.5	7.6 U B	7.4 U	8.0 U	7.2 J Z	7.4 U
Chloroform	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Benzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-012-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-012-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-013-SA8N-SB-2.0-3.0 04/29/2011 DE140 2 3	SL-014-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-015-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-016-SA8N-SB-3.0-4.0 05/03/2011 DE142 3 4	SL-017-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5
1,1,1-Trichloroethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Bromomethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Chloromethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Dibromomethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Bromochloromethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Chloroethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Vinyl Chloride	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Methylene chloride	ug/kg	--	12	9.2	9.9	7.4	6.8	18
Bromoform	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Bromodichloromethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,1-Dichloroethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,1-Dichloroethene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Trichlorofluoromethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Dichlorodifluoromethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Freon 113a	ug/kg	--	4.9 U	4.8 U	4.6 U	5.0 U	4.9 U	4.6 U
Freon 113	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,2-Dichloropropane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
2-Butanone	ug/kg	--	7.8 U	7.6 U	7.4 U	8.0 U	7.8 U	7.4 U
1,1,2-Trichloroethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Trichloroethene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,1,2,2-Tetrachloroethane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Chlorotrifluoroethene	ug/kg	--	4.9 U	4.8 U	4.6 U	5.0 U	4.9 U	4.6 U
1,2,3-Trichlorobenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
o-Xylene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
2-Chlorotoluene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,2,4-Trimethylbenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,2-Dibromo-3-chloropropane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
1,2,3-Trichloropropane	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
tert-Butylbenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U
Isopropylbenzene	ug/kg	--	3.9 U	3.8 U	3.7 U	4.0 U	3.9 U	3.7 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-018-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-019-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-019-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-020-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-020-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-020-SA8N-SB-9.0-10.0 05/03/2011 DE142 9 10	SL-021-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	--	--	1.1 U	--	1 U	1.1 U	--
EFH (C12-C14)	mg/kg	--	1.4 U	1.4 U	1.4 U	1.4 U	1.5 U	1.4 U
EFH (C15-C20)	mg/kg	--	1.6	1.4 U	1.3 J Z	1.4 U	1.5 U	1.8
EFH (C21-C30)	mg/kg	--	12	1.4 U	15	0.47 J Z	1.5 U	16
EFH (C30-C40)	mg/kg	--	32	0.51 J Z	37	0.61 J Z	0.67 J Z	45
EFH (C8-C11)	mg/kg	--	1.4 U	1.4 U	1.4 U	1.4 U	1.5 U	1.4 U
1,4-Dichlorobenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,2,4-Trichlorobenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,3-Dichlorobenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Hexachlorobutadiene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,2-Dichlorobenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Isopropyltoluene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Ethylbenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Styrene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
cis-1,3-Dichloropropene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
trans-1,3-Dichloropropene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
N-Propylbenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
N-Butylbenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
4-Chlorotoluene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,2-Dibromoethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,2-Dichloroethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
4-Methyl-2-Pentanone	ug/kg	8.4 U	--	8.9 U	--	8.5 U	9.3 U	--
1,3,5-Trimethylbenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Bromobenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Toluene	ug/kg	4.2 UJ FD	--	4.4 U	--	4.2 U	4.6 U B	--
Chlorobenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
2-Chloroethyl Vinyl Ether	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,4-Dioxane	ug/kg	14 U	--	16 U	--	15 U	16 U	--
Dibromochloromethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Tetrachloroethene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
sec-Butylbenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,3-Dichloropropane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
cis-1,2-Dichloroethene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
trans-1,2-Dichloroethene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Methyl tert-Butyl Ether	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
m,p-Xylene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Carbon tetrachloride	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,1-Dichloropropene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
2-Hexanone	ug/kg	8.4 U	--	8.9 U	--	8.5 U	9.3 U	--
2,2-Dichloropropane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,1,1,2-Tetrachloroethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Acetone	ug/kg	8.4 U	--	8.3 J Z	--	8.5 U	9.3 U	--
Chloroform	ug/kg	4.2 U	--	0.15 J Z	--	4.2 U	4.6 U	--
Benzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-018-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-019-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-019-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-020-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-020-SA8N-SB-4.0-5.0 05/03/2011 DE142 4 5	SL-020-SA8N-SB-9.0-10.0 05/03/2011 DE142 9 10	SL-021-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5
1,1,1-Trichloroethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Bromomethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Chloromethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Dibromomethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Bromochloromethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Chloroethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Vinyl Chloride	ug/kg	4.2 U	--	4.4 U	--	4.2 U	0.27 J Z	--
Methylene chloride	ug/kg	12	--	40	--	11	14	--
Bromoform	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Bromodichloromethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,1-Dichloroethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,1-Dichloroethene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Trichlorofluoromethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Dichlorodifluoromethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Freon 113a	ug/kg	5.2 U	--	5.5 U	--	5.3 U	5.8 U	--
Freon 113	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,2-Dichloropropane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
2-Butanone	ug/kg	8.4 U	--	8.9 U	--	8.5 U	9.3 U	--
1,1,2-Trichloroethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Trichloroethene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,1,2,2-Tetrachloroethane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Chlorotrifluoroethene	ug/kg	5.2 U	--	5.5 U	--	5.3 U	5.8 U	--
1,2,3-Trichlorobenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
o-Xylene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
2-Chlorotoluene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,2,4-Trimethylbenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,2-Dibromo-3-chloropropane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
1,2,3-Trichloropropane	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
tert-Butylbenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--
Isopropylbenzene	ug/kg	4.2 U	--	4.4 U	--	4.2 U	4.6 U	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-021-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-021-SA8N-SB-9.0-10.0 05/04/2011 DE143 9 10	SL-022-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-022-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-022-SA8N-SB-9.0-10.0 05/02/2011 DE141 9 10	SL-023-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-027-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	1.0 U	1 U	--	1 U	1.0 U	--	--
EFH (C12-C14)	mg/kg	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	--	7.0 U
EFH (C15-C20)	mg/kg	0.58 J Z	0.49 J Z	1.3 J Z	1.4 U	1.4 U	--	3.6 J Z
EFH (C21-C30)	mg/kg	1.4 J L	1.8 J L	19	0.74 J Z	0.75 J Z	--	31
EFH (C30-C40)	mg/kg	3	3.5	50	1.4	1.3 J Z	--	170
EFH (C8-C11)	mg/kg	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	--	7.0 U
1,4-Dichlorobenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,2,4-Trichlorobenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,3-Dichlorobenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Hexachlorobutadiene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,2-Dichlorobenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Isopropyltoluene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Ethylbenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Styrene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
cis-1,3-Dichloropropene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
trans-1,3-Dichloropropene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
N-Propylbenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
N-Butylbenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
4-Chlorotoluene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,2-Dibromoethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,2-Dichloroethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
4-Methyl-2-Pentanone	ug/kg	8.4 U	8.5 U	--	8.0 U	9.0 U	8.5 U	--
1,3,5-Trimethylbenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Bromobenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Toluene	ug/kg	4.2 U	4.3 U	--	4.0 U B	4.5 U	4.3 U	--
Chlorobenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
2-Chloroethyl Vinyl Ether	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,4-Dioxane	ug/kg	15 U	15 U	--	14 U	15 U	14 U	--
Dibromochloromethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Tetrachloroethene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
sec-Butylbenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,3-Dichloropropane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
cis-1,2-Dichloroethene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
trans-1,2-Dichloroethene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Methyl tert-Butyl Ether	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
m,p-Xylene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Carbon tetrachloride	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,1-Dichloropropene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
2-Hexanone	ug/kg	8.4 U	8.5 U	--	8.0 U	9.0 U	8.5 U	--
2,2-Dichloropropane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,1,1,2-Tetrachloroethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Acetone	ug/kg	8.4 U	8.5 U	--	7.2 J Z	9.0 U	8.5 U	--
Chloroform	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Benzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-021-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-021-SA8N-SB-9.0-10.0 05/04/2011 DE143 9 10	SL-022-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-022-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-022-SA8N-SB-9.0-10.0 05/02/2011 DE141 9 10	SL-023-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-027-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5
1,1,1-Trichloroethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Bromomethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Chloromethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Dibromomethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Bromochloromethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Chloroethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Vinyl Chloride	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Methylene chloride	ug/kg	7.7	5.1	--	18	6.9	9	--
Bromoform	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Bromodichloromethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,1-Dichloroethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,1-Dichloroethene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Trichlorofluoromethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Dichlorodifluoromethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Freon 113a	ug/kg	5.2 U	5.3 U	--	5.0 U	5.6 U	5.3 U	--
Freon 113	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,2-Dichloropropane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
2-Butanone	ug/kg	8.4 U	8.5 U	--	8.0 U	9.0 U	8.5 U	--
1,1,2-Trichloroethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Trichloroethene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,1,2,2-Tetrachloroethane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Chlorotrifluoroethene	ug/kg	5.2 U	5.3 U	--	5.0 U	5.6 U	5.3 U	--
1,2,3-Trichlorobenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
o-Xylene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
2-Chlorotoluene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,2,4-Trimethylbenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,2-Dibromo-3-chloropropane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
1,2,3-Trichloropropane	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
tert-Butylbenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--
Isopropylbenzene	ug/kg	4.2 U	4.3 U	--	4.0 U	4.5 U	4.3 U	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-027-SA8N-SB-4.0-5.0 04/26/2011 DE137 4 5	SL-027-SA8N-SB-9.0-10.0 04/26/2011 DE137 9 10	SL-028-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-028-SA8N-SB-4.0-5.0 04/26/2011 DE137 4 5	SL-028-SA8N-SB-9.0-10.0 04/26/2011 DE137 9 10	SL-032-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-032-SA8N-SB-4.0-5.0 04/27/2011 DE138 4 5
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	1.1 U	0.9 U	--	1.2 U	1.1 U	--	1.1 U
EFH (C12-C14)	mg/kg	1.4 U	1.4 U	7.1 U	1.4 U	1.3 U	6.4 U	1.4 U
EFH (C15-C20)	mg/kg	1.4 U	1.4 U	7.1 U	1.4 U	1.3 U	6.4 U	1.4 U
EFH (C21-C30)	mg/kg	1.4 U	1.4 U	31	1.4	1.3 U	31	0.49 J Z
EFH (C30-C40)	mg/kg	1.5	1.3 J Z	100	6	2	96	2.4
EFH (C8-C11)	mg/kg	1.4 U	1.4 U	7.1 U	1.4 U	1.3 U	6.4 U	1.4 U
1,4-Dichlorobenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,2,4-Trichlorobenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,3-Dichlorobenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Hexachlorobutadiene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,2-Dichlorobenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Isopropyltoluene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Ethylbenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Styrene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
cis-1,3-Dichloropropene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
trans-1,3-Dichloropropene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
N-Propylbenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
N-Butylbenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
4-Chlorotoluene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,2-Dibromoethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,2-Dichloroethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
4-Methyl-2-Pentanone	ug/kg	0.88 J Z	--	--	8.9 U	--	--	8.1 U
1,3,5-Trimethylbenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Bromobenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Toluene	ug/kg	4.0 U B	--	--	4.4 U B	--	--	4.1 U B
Chlorobenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
2-Chloroethyl Vinyl Ether	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,4-Dioxane	ug/kg	15 U	--	--	18 U	--	--	16 U
Dibromochloromethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Tetrachloroethene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
sec-Butylbenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,3-Dichloropropane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
cis-1,2-Dichloroethene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
trans-1,2-Dichloroethene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Methyl tert-Butyl Ether	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
m,p-Xylene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Carbon tetrachloride	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,1-Dichloropropene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
2-Hexanone	ug/kg	8.0 U	--	--	8.9 U	--	--	8.1 U
2,2-Dichloropropane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,1,1,2-Tetrachloroethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Acetone	ug/kg	8.0 U B	--	--	8.9 U B	--	--	8.1 U B
Chloroform	ug/kg	0.17 J Z	--	--	0.29 J Z	--	--	4.1 U
Benzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-027-SA8N-SB-4.0-5.0 04/26/2011 DE137 4 5	SL-027-SA8N-SB-9.0-10.0 04/26/2011 DE137 9 10	SL-028-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-028-SA8N-SB-4.0-5.0 04/26/2011 DE137 4 5	SL-028-SA8N-SB-9.0-10.0 04/26/2011 DE137 9 10	SL-032-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-032-SA8N-SB-4.0-5.0 04/27/2011 DE138 4 5
1,1,1-Trichloroethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Bromomethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Chloromethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Dibromomethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Bromochloromethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Chloroethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Vinyl Chloride	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Methylene chloride	ug/kg	37	--	--	44	--	--	17
Bromoform	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Bromodichloromethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,1-Dichloroethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,1-Dichloroethene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Trichlorofluoromethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Dichlorodifluoromethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Freon 113a	ug/kg	5.0 U	--	--	5.5 U	--	--	5.1 U
Freon 113	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,2-Dichloropropane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
2-Butanone	ug/kg	8.0 U	--	--	8.9 U	--	--	8.1 U
1,1,2-Trichloroethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Trichloroethene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,1,2,2-Tetrachloroethane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Chlorotrifluoroethene	ug/kg	5.0 U	--	--	5.5 U	--	--	5.1 U
1,2,3-Trichlorobenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
o-Xylene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
2-Chlorotoluene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,2,4-Trimethylbenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,2-Dibromo-3-chloropropane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
1,2,3-Trichloropropane	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
tert-Butylbenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U
Isopropylbenzene	ug/kg	4.0 U	--	--	4.4 U	--	--	4.1 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-032-SA8N-SB-9.0-10.0 04/27/2011 DE138 9 10	SL-036-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-036-SA8N-SB-4.0-5.0 04/25/2011 DE136 4 5	SL-036-SA8N-SB-9.0-10.0 04/25/2011 DE136 9 10	SL-040-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-040-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-040-SA8N-SB-9.0-10.0 04/29/2011 DE140 9 10
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	1.1 U	--	1.4 U	1.0 U	--	1.0 U	0.2 J Z
EFH (C12-C14)	mg/kg	1.4 U	1.4 U	1.4 U	1.5 U	26 U	1.4 U	1.5 U
EFH (C15-C20)	mg/kg	1.4 U	1.5	1.4 U	1.5 U	14 J Z	1.4 U	1.5 U
EFH (C21-C30)	mg/kg	0.55 J Z	11	1.4 U	1.5 U	240	1.7 J FD, Q	5.9
EFH (C30-C40)	mg/kg	1.7	28	0.86 J Z	0.73 J Z	750	4.0 J FD, Q	18
EFH (C8-C11)	mg/kg	1.4 U	1.4 U	1.4 U	1.5 U	26 U	1.4 U	1.5 U
1,4-Dichlorobenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,2,4-Trichlorobenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,3-Dichlorobenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Hexachlorobutadiene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,2-Dichlorobenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Isopropyltoluene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Ethylbenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Styrene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
cis-1,3-Dichloropropene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
trans-1,3-Dichloropropene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
N-Propylbenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
N-Butylbenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
4-Chlorotoluene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,2-Dibromoethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,2-Dichloroethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
4-Methyl-2-Pentanone	ug/kg	--	--	8.4 U	--	--	10 U	--
1,3,5-Trimethylbenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Bromobenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Toluene	ug/kg	--	--	4.2 U	--	--	5.0 U B	--
Chlorobenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
2-Chloroethyl Vinyl Ether	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,4-Dioxane	ug/kg	--	--	16 U	--	--	15 U	--
Dibromochloromethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Tetrachloroethene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
sec-Butylbenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,3-Dichloropropane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
cis-1,2-Dichloroethene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
trans-1,2-Dichloroethene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Methyl tert-Butyl Ether	ug/kg	--	--	4.2 U	--	--	5.0 U	--
m,p-Xylene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Carbon tetrachloride	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,1-Dichloropropene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
2-Hexanone	ug/kg	--	--	8.4 U	--	--	10 U	--
2,2-Dichloropropane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,1,1,2-Tetrachloroethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Acetone	ug/kg	--	--	8.4 U	--	--	10 UJ FD	--
Chloroform	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Benzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-032-SA8N-SB-9.0-10.0 04/27/2011 DE138 9 10	SL-036-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-036-SA8N-SB-4.0-5.0 04/25/2011 DE136 4 5	SL-036-SA8N-SB-9.0-10.0 04/25/2011 DE136 9 10	SL-040-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-040-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-040-SA8N-SB-9.0-10.0 04/29/2011 DE140 9 10
1,1,1-Trichloroethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Bromomethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Chloromethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Dibromomethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Bromochloromethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Chloroethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Vinyl Chloride	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Methylene chloride	ug/kg	--	--	7.5	--	--	14 J Q	--
Bromoform	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Bromodichloromethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,1-Dichloroethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,1-Dichloroethene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Trichlorofluoromethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Dichlorodifluoromethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Freon 113a	ug/kg	--	--	5.2 U	--	--	6.2 U	--
Freon 113	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,2-Dichloropropane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
2-Butanone	ug/kg	--	--	8.4 U	--	--	10 U	--
1,1,2-Trichloroethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Trichloroethene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,1,2,2-Tetrachloroethane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Chlorotrifluoroethene	ug/kg	--	--	5.2 U	--	--	6.2 U	--
1,2,3-Trichlorobenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
o-Xylene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
2-Chlorotoluene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,2,4-Trimethylbenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,2-Dibromo-3-chloropropane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
1,2,3-Trichloropropane	ug/kg	--	--	4.2 U	--	--	5.0 U	--
tert-Butylbenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--
Isopropylbenzene	ug/kg	--	--	4.2 U	--	--	5.0 U	--

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Sample Name Sample Date SDG Start Depth End Depth		SL-041-SA8N-SB-4.0-5.0 04/28/2011 DE139 4 5	SL-041-SA8N-SB-9.0-10.0 04/28/2011 DE139 9 10	SL-046-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-047-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-049-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-049-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-049-SA8N-SB-8.0-9.0 04/29/2011 DE140 8 9
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	1 U	1 U	--	--	--	0.9 U	1.2 U
EFH (C12-C14)	mg/kg	1.4 U	1.4 U	6.5 U	1.4 U	0.48 J Z	1.3 U	1.4 U
EFH (C15-C20)	mg/kg	1.4 U	1.4 U	6.5 U	3.3	6.1	1.3 U	1.4 U
EFH (C21-C30)	mg/kg	0.54 J Z	1.4 U	25	15	9.7	1.3 U	1.4 U
EFH (C30-C40)	mg/kg	2.5	1.7	96	47	19	0.52 J Z	1.4 U
EFH (C8-C11)	mg/kg	1.4 U	1.4 U	6.5 U	1.4 U	1.3 U	1.3 U	1.4 U
1,4-Dichlorobenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,2,4-Trichlorobenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,3-Dichlorobenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Hexachlorobutadiene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,2-Dichlorobenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Isopropyltoluene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Ethylbenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Styrene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
cis-1,3-Dichloropropene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
trans-1,3-Dichloropropene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
N-Propylbenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
N-Butylbenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
4-Chlorotoluene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,2-Dibromoethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,2-Dichloroethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
4-Methyl-2-Pentanone	ug/kg	8.0 U	--	--	--	--	7.6 U	9.9 U
1,3,5-Trimethylbenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Bromobenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Toluene	ug/kg	4.0 U B	--	--	--	--	3.8 U B	4.9 U B
Chlorobenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
2-Chloroethyl Vinyl Ether	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,4-Dioxane	ug/kg	15 U	--	--	--	--	14 U	17 U
Dibromochloromethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Tetrachloroethene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
sec-Butylbenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,3-Dichloropropane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
cis-1,2-Dichloroethene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
trans-1,2-Dichloroethene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Methyl tert-Butyl Ether	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
m,p-Xylene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Carbon tetrachloride	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,1-Dichloropropene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
2-Hexanone	ug/kg	8.0 U	--	--	--	--	7.6 U	9.9 U
2,2-Dichloropropane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,1,1,2-Tetrachloroethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Acetone	ug/kg	8.0 U B	--	--	--	--	7.6 U B	9.9 U B
Chloroform	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Benzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-041-SA8N-SB-4.0-5.0 04/28/2011 DE139 4 5	SL-041-SA8N-SB-9.0-10.0 04/28/2011 DE139 9 10	SL-046-SA8N-SS-0.0-0.5 04/13/2011 DE126 0 0.5	SL-047-SA8N-SS-0.0-0.5 04/12/2011 DE125 0 0.5	SL-049-SA8N-SS-0.0-0.5 04/11/2011 DE124 0 0.5	SL-049-SA8N-SB-4.0-5.0 04/29/2011 DE140 4 5	SL-049-SA8N-SB-8.0-9.0 04/29/2011 DE140 8 9
1,1,1-Trichloroethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Bromomethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Chloromethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Dibromomethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Bromochloromethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Chloroethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Vinyl Chloride	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Methylene chloride	ug/kg	20	--	--	--	--	16	33
Bromoform	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Bromodichloromethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,1-Dichloroethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,1-Dichloroethene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Trichlorofluoromethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Dichlorodifluoromethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Freon 113a	ug/kg	5.0 U	--	--	--	--	4.7 U	6.2 U
Freon 113	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,2-Dichloropropane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
2-Butanone	ug/kg	8.0 U	--	--	--	--	7.6 U	9.9 U
1,1,2-Trichloroethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Trichloroethene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,1,2,2-Tetrachloroethane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Chlorotrifluoroethene	ug/kg	5.0 U	--	--	--	--	4.7 U	6.2 U
1,2,3-Trichlorobenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
o-Xylene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
2-Chlorotoluene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,2,4-Trimethylbenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,2-Dibromo-3-chloropropane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
1,2,3-Trichloropropane	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
tert-Butylbenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U
Isopropylbenzene	ug/kg	4.0 U	--	--	--	--	3.8 U	4.9 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-050-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-051-SA8N-SB-7.5-8.5 06/17/2011 DE183 7.5 8.5	SL-054-SA8N-SB-7.0 06/17/2011 DE183 7 7	SL-056-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-056-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-056-SA8N-SB-7.0-8.0 05/05/2011 DE144 7 8	SL-057-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	--	--	--	--	1.0 U	1 U	--
EFH (C12-C14)	mg/kg	--	--	--	1.4 U	1.4 U	1.3 U	1.3 U
EFH (C15-C20)	mg/kg	--	--	--	2.6	0.79 J Z	1.3 U	5
EFH (C21-C30)	mg/kg	--	--	--	11	7	1.3 U	9.7
EFH (C30-C40)	mg/kg	--	--	--	32	16	0.82 J Z	25
EFH (C8-C11)	mg/kg	--	--	--	1.4 U	1.4 U	1.3 U	1.3 U
1,4-Dichlorobenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,2,4-Trichlorobenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,3-Dichlorobenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Hexachlorobutadiene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,2-Dichlorobenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Isopropyltoluene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Ethylbenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Styrene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
cis-1,3-Dichloropropene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
trans-1,3-Dichloropropene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
N-Propylbenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
N-Butylbenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
4-Chlorotoluene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,2-Dibromoethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,2-Dichloroethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
4-Methyl-2-Pentanone	ug/kg	8.2 U	8.9 U	8.9 U	--	7.8 U	8.5 U	--
1,3,5-Trimethylbenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Bromobenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Toluene	ug/kg	4.1 U	0.17 J Z	0.14 J Z	--	3.9 U	4.2 U B	--
Chlorobenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
2-Chloroethyl Vinyl Ether	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,4-Dioxane	ug/kg	15 U	15 U	16 U	--	17 U	16 U	--
Dibromochloromethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Tetrachloroethene	ug/kg	4.1 U	0.52 J Z	4.4 U	--	3.9 U	4.2 U	--
sec-Butylbenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,3-Dichloropropane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
cis-1,2-Dichloroethene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
trans-1,2-Dichloroethene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Methyl tert-Butyl Ether	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
m,p-Xylene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Carbon tetrachloride	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,1-Dichloropropene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
2-Hexanone	ug/kg	8.2 U	8.9 U	8.9 U	--	7.8 U	8.5 U	--
2,2-Dichloropropane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,1,1,2-Tetrachloroethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Acetone	ug/kg	8.2 U	8.9 U	8.9 U	--	13	9	--
Chloroform	ug/kg	4.1 U	1.9 J Z	4.4 U	--	3.9 U	4.2 U	--
Benzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-050-SA8N-SB-4.0-5.0 05/02/2011 DE141 4 5	SL-051-SA8N-SB-7.5-8.5 06/17/2011 DE183 7.5 8.5	SL-054-SA8N-SB-7.0 06/17/2011 DE183 7 7	SL-056-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-056-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-056-SA8N-SB-7.0-8.0 05/05/2011 DE144 7 8	SL-057-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5
1,1,1-Trichloroethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Bromomethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Chloromethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Dibromomethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Bromochloromethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Chloroethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Vinyl Chloride	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Methylene chloride	ug/kg	15	4.5 U B	4.4 U B	--	9.6	13	--
Bromoform	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Bromodichloromethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,1-Dichloroethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,1-Dichloroethene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Trichlorofluoromethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Dichlorodifluoromethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Freon 113a	ug/kg	5.1 U	5.6 U	5.6 U	--	4.9 U	5.3 U	--
Freon 113	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,2-Dichloropropane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
2-Butanone	ug/kg	8.2 U	8.9 U	8.9 U	--	7.8 U	8.5 U	--
1,1,2-Trichloroethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Trichloroethene	ug/kg	4.1 U	10	0.97 J Z	--	3.9 U	4.2 U	--
1,1,2,2-Tetrachloroethane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Chlorotrifluoroethene	ug/kg	5.1 U	5.6 U	5.6 U	--	4.9 U	5.3 U	--
1,2,3-Trichlorobenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
o-Xylene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
2-Chlorotoluene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,2,4-Trimethylbenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,2-Dibromo-3-chloropropane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
1,2,3-Trichloropropane	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
tert-Butylbenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--
Isopropylbenzene	ug/kg	4.1 U	4.5 U	4.4 U	--	3.9 U	4.2 U	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-057-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-057-SA8N-SB-7.0-8.0 05/05/2011 DE144 7 8	SL-058-SA8N-SB-7.5 06/17/2011 DE183 7.5 7.5	SL-059-SA8N-SB-9.0 06/17/2011 DE183 9 9	SL-062-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5	SL-062-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-063-SA8N-SB-6.5 06/17/2011 DE183 6.5 6.5
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	1.0 U	1.1 U	--	--	--	1.0 U	--
EFH (C12-C14)	mg/kg	1.4 U	1.3 U	--	--	1.4 U	1.4 U	--
EFH (C15-C20)	mg/kg	1.4 U	6.7	--	--	5.4	1.4 U	--
EFH (C21-C30)	mg/kg	1.0 J Z	3.8	--	--	9.3	1.0 J Z	--
EFH (C30-C40)	mg/kg	2.7	6.3	--	--	20	2.2	--
EFH (C8-C11)	mg/kg	1.4 U	1.3 U	--	--	1.4 U	1.4 U	--
1,4-Dichlorobenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,2,4-Trichlorobenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,3-Dichlorobenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Hexachlorobutadiene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,2-Dichlorobenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Isopropyltoluene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Ethylbenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Styrene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
cis-1,3-Dichloropropene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
trans-1,3-Dichloropropene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
N-Propylbenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
N-Butylbenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
4-Chlorotoluene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,2-Dibromoethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,2-Dichloroethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
4-Methyl-2-Pentanone	ug/kg	8.1 U	8.8 U	9.2 U	8.5 U	--	8.4 U	8.9 U
1,3,5-Trimethylbenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Bromobenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Toluene	ug/kg	4.0 U B	4.4 U B	0.13 J Z	0.12 J Z	--	4.2 U B	0.11 J Z
Chlorobenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
2-Chloroethyl Vinyl Ether	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,4-Dioxane	ug/kg	15 U	17 U	17 U	16 U	--	15 U	15 U
Dibromochloromethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Tetrachloroethene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
sec-Butylbenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,3-Dichloropropane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
cis-1,2-Dichloroethene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
trans-1,2-Dichloroethene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Methyl tert-Butyl Ether	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
m,p-Xylene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Carbon tetrachloride	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,1-Dichloropropene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
2-Hexanone	ug/kg	8.1 U	8.8 U	9.2 U	8.5 U	--	8.4 U	8.9 U
2,2-Dichloropropane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,1,1,2-Tetrachloroethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Acetone	ug/kg	7.5 J Z	8.0 J Z	9.2 U	9.9	--	8.4 U	8.9 U
Chloroform	ug/kg	4.0 U	4.4 U	0.16 J Z	4.2 U	--	4.2 U	4.5 U
Benzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-057-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-057-SA8N-SB-7.0-8.0 05/05/2011 DE144 7 8	SL-058-SA8N-SB-7.5 06/17/2011 DE183 7.5 7.5	SL-059-SA8N-SB-9.0 06/17/2011 DE183 9 9	SL-062-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5	SL-062-SA8N-SB-4.0-5.0 05/05/2011 DE144 4 5	SL-063-SA8N-SB-6.5 06/17/2011 DE183 6.5 6.5
1,1,1-Trichloroethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Bromomethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Chloromethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Dibromomethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Bromochloromethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Chloroethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Vinyl Chloride	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Methylene chloride	ug/kg	8.8	34	4.6 U B	4.2 U B	--	8.9	4.5 U B
Bromoform	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Bromodichloromethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,1-Dichloroethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,1-Dichloroethene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Trichlorofluoromethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Dichlorodifluoromethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Freon 113a	ug/kg	5.1 U	5.5 U	5.7 U	5.3 U	--	5.3 U	5.6 U
Freon 113	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,2-Dichloropropane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
2-Butanone	ug/kg	8.1 U	8.8 U	9.2 U	8.5 U	--	8.4 U	8.9 U
1,1,2-Trichloroethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Trichloroethene	ug/kg	4.0 U	4.4 U	11	4.2 U	--	4.2 U	1.8 J Z
1,1,2,2-Tetrachloroethane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Chlorotrifluoroethene	ug/kg	5.1 U	5.5 U	5.7 U	5.3 U	--	5.3 U	5.6 U
1,2,3-Trichlorobenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
o-Xylene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
2-Chlorotoluene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,2,4-Trimethylbenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,2-Dibromo-3-chloropropane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
1,2,3-Trichloropropane	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
tert-Butylbenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U
Isopropylbenzene	ug/kg	4.0 U	4.4 U	4.6 U	4.2 U	--	4.2 U	4.5 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-067-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5	SL-067-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-071-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-071-SA8N-SB-2.0-3.0 06/07/2011 DE175 2 3	SL-075-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-076-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-076-SA8N-SB-4.0-5.0 06/08/2011 DE176 4 5
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	--	1.1 U	--	1.0 U	--	--	0.9 U
EFH (C12-C14)	mg/kg	1.5 U	1.4 U	1.4 U	1.3 U	1.4 U	1.3 U	1.4 U
EFH (C15-C20)	mg/kg	3.5	1.4 U	4.2	0.51 J Z	1.4 U	1.3	1.4 UJ FD
EFH (C21-C30)	mg/kg	9.1	1.3 J L, Z	19	2.9	2.1	11	2.1 J Q
EFH (C30-C40)	mg/kg	21	3.8	48	7.2	5.6	35	4.8 J Q
EFH (C8-C11)	mg/kg	1.5 U	1.4 U	1.4 U	1.3 U	1.4 U	1.3 U	1.4 U B
1,4-Dichlorobenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,2,4-Trichlorobenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,3-Dichlorobenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Hexachlorobutadiene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,2-Dichlorobenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Isopropyltoluene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Ethylbenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Styrene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
cis-1,3-Dichloropropene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
trans-1,3-Dichloropropene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
N-Propylbenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
N-Butylbenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
4-Chlorotoluene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,2-Dibromoethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,2-Dichloroethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
4-Methyl-2-Pentanone	ug/kg	--	8.6 U	--	8.5 U	--	--	7.5 U
1,3,5-Trimethylbenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Bromobenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Toluene	ug/kg	--	4.3 U	--	4.2 U B	--	--	3.7 U B
Chlorobenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
2-Chloroethyl Vinyl Ether	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,4-Dioxane	ug/kg	--	16 U	--	16 U	--	--	14 U
Dibromochloromethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Tetrachloroethene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
sec-Butylbenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,3-Dichloropropane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
cis-1,2-Dichloroethene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
trans-1,2-Dichloroethene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Methyl tert-Butyl Ether	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
m,p-Xylene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Carbon tetrachloride	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,1-Dichloropropene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
2-Hexanone	ug/kg	--	8.6 U	--	8.5 U	--	--	7.5 U
2,2-Dichloropropane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,1,1,2-Tetrachloroethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Acetone	ug/kg	--	8.6 U	--	8.5 U B	--	--	7.5 UJ FD
Chloroform	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Benzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-067-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5	SL-067-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-071-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-071-SA8N-SB-2.0-3.0 06/07/2011 DE175 2 3	SL-075-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-076-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-076-SA8N-SB-4.0-5.0 06/08/2011 DE176 4 5
1,1,1-Trichloroethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Bromomethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Chloromethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Dibromomethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Bromochloromethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Chloroethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Vinyl Chloride	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Methylene chloride	ug/kg	--	8.4	--	4.2 U B	--	--	3.7 UJ B, L
Bromoform	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Bromodichloromethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,1-Dichloroethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,1-Dichloroethene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Trichlorofluoromethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Dichlorodifluoromethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Freon 113a	ug/kg	--	5.4 U	--	5.3 U	--	--	4.7 U
Freon 113	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,2-Dichloropropane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
2-Butanone	ug/kg	--	8.6 U	--	8.5 U	--	--	7.5 U
1,1,2-Trichloroethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Trichloroethene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,1,2,2-Tetrachloroethane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Chlorotrifluoroethene	ug/kg	--	5.4 U	--	5.3 U	--	--	4.7 U
1,2,3-Trichlorobenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
o-Xylene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
2-Chlorotoluene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,2,4-Trimethylbenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,2-Dibromo-3-chloropropane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
1,2,3-Trichloropropane	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
tert-Butylbenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U
Isopropylbenzene	ug/kg	--	4.3 U	--	4.2 U	--	--	3.7 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-076-SA8N-SB-7.5-8.5 06/08/2011 DE176 7.5 8.5	SL-077-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-078-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-078-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5	SL-079-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-079-SA8N-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-079-SA8N-SB-9.0-10.0 06/06/2011 DE174 9 10
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	1.0 U	--	--	0.9 U	--	1.1 U	1 U
EFH (C12-C14)	mg/kg	1.4 U	1.5 U	1.4 U	1.4 U	2.9 U	1.4 U	1.4 U
EFH (C15-C20)	mg/kg	0.49 J Z	0.99 J Z	1.4 U	1.4 U	2.2 J Z	1.4 U	1.4 U
EFH (C21-C30)	mg/kg	2.7	8.7	0.70 J Z	1.7	24	1.4 U B	1.4 U B
EFH (C30-C40)	mg/kg	6.8	34	2.4	7.2	52	1.4 U B	1.4 U B
EFH (C8-C11)	mg/kg	1.4 U B	1.5 U	1.4 U	1.4 U	2.9 U	1.4 U	1.4 U
1,4-Dichlorobenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,2,4-Trichlorobenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,3-Dichlorobenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Hexachlorobutadiene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,2-Dichlorobenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Isopropyltoluene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Ethylbenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Styrene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
cis-1,3-Dichloropropene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
trans-1,3-Dichloropropene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
N-Propylbenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
N-Butylbenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
4-Chlorotoluene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,2-Dibromoethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,2-Dichloroethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
4-Methyl-2-Pentanone	ug/kg	8.2 U	--	--	8.1 U	--	7.9 U	8.7 U
1,3,5-Trimethylbenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Bromobenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Toluene	ug/kg	4.1 U B	--	--	4.1 U	--	0.22 J Z	0.40 J Z
Chlorobenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
2-Chloroethyl Vinyl Ether	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,4-Dioxane	ug/kg	15 U	--	--	15 U	--	15 U	15 U
Dibromochloromethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Tetrachloroethene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
sec-Butylbenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,3-Dichloropropane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
cis-1,2-Dichloroethene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
trans-1,2-Dichloroethene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Methyl tert-Butyl Ether	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
m,p-Xylene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Carbon tetrachloride	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,1-Dichloropropene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
2-Hexanone	ug/kg	8.2 U	--	--	8.1 U	--	7.9 U	8.7 U
2,2-Dichloropropane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,1,1,2-Tetrachloroethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Acetone	ug/kg	8.2 U B	--	--	8.1 U	--	7.9 U B	8.7 U B
Chloroform	ug/kg	4.1 U	--	--	4.1 U	--	0.16 J Z	0.19 J Z
Benzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-076-SA8N-SB-7.5-8.5 06/08/2011 DE176 7.5 8.5	SL-077-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-078-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-078-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5	SL-079-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-079-SA8N-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-079-SA8N-SB-9.0-10.0 06/06/2011 DE174 9 10
1,1,1-Trichloroethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Bromomethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Chloromethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Dibromomethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Bromochloromethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Chloroethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Vinyl Chloride	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Methylene chloride	ug/kg	4.1 UJ B, L	--	--	17	--	4.0 U B	24
Bromoform	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Bromodichloromethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,1-Dichloroethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,1-Dichloroethene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Trichlorofluoromethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Dichlorodifluoromethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Freon 113a	ug/kg	5.1 U	--	--	5.1 U	--	5.0 U	5.4 U
Freon 113	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,2-Dichloropropane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
2-Butanone	ug/kg	8.2 U	--	--	8.1 U	--	7.9 U	8.7 U
1,1,2-Trichloroethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Trichloroethene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,1,2,2-Tetrachloroethane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Chlorotrifluoroethene	ug/kg	5.1 U	--	--	5.1 U	--	5.0 U	5.4 U
1,2,3-Trichlorobenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
o-Xylene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
2-Chlorotoluene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,2,4-Trimethylbenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,2-Dibromo-3-chloropropane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
1,2,3-Trichloropropane	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
tert-Butylbenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U
Isopropylbenzene	ug/kg	4.1 U	--	--	4.1 U	--	4.0 U	4.3 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-080-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-080-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-082-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-085-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-086-SA8N-SB-6.5-7.5 05/06/2011 DE145 6.5 7.5	SL-087-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5	SL-087-SA8N-SB-9.0-10.0 05/09/2011 DE146 9 10
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	--	1 U	--	--	--	1 U	0.9 U
EFH (C12-C14)	mg/kg	1.4 U	1.4 U	1.3 U	1.4 U	--	1.4 U	1.4 U
EFH (C15-C20)	mg/kg	2.8	0.65 J Z	1.8	4.5	--	1.4 U	1.4 U
EFH (C21-C30)	mg/kg	12	8.2 J L	8.5	18	--	1.4 U	1.4 U
EFH (C30-C40)	mg/kg	31	37	23	50	--	0.83 J Z	1.4 U
EFH (C8-C11)	mg/kg	1.4 U	1.4 U	1.3 U	1.4 U	--	1.4 U	1.4 U
1,4-Dichlorobenzene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
1,2,4-Trichlorobenzene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
1,3-Dichlorobenzene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Hexachlorobutadiene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
1,2-Dichlorobenzene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Isopropyltoluene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Ethylbenzene	ug/kg	--	4.0 U	--	--	0.46 J Z	3.8 U	3.8 U
Styrene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
cis-1,3-Dichloropropene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
trans-1,3-Dichloropropene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
N-Propylbenzene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
N-Butylbenzene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
4-Chlorotoluene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
1,2-Dibromoethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
1,2-Dichloroethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
4-Methyl-2-Pentanone	ug/kg	--	7.9 U	--	--	8.6 U	7.6 U	7.6 U
1,3,5-Trimethylbenzene	ug/kg	--	4.0 U	--	--	0.36 J Z	3.8 U	3.8 U
Bromobenzene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Toluene	ug/kg	--	4.0 U	--	--	1.5 J Z	3.8 U	3.8 U B
Chlorobenzene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
2-Chloroethyl Vinyl Ether	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
1,4-Dioxane	ug/kg	--	15 U	--	--	15 U	14 U	14 U
Dibromochloromethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Tetrachloroethene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
sec-Butylbenzene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
1,3-Dichloropropane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
cis-1,2-Dichloroethene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
trans-1,2-Dichloroethene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Methyl tert-Butyl Ether	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
m,p-Xylene	ug/kg	--	4.0 U	--	--	1.6 J Z	3.8 U	3.8 U
Carbon tetrachloride	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
1,1-Dichloropropene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
2-Hexanone	ug/kg	--	7.9 U	--	--	8.6 U	7.6 U	7.6 U
2,2-Dichloropropane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
1,1,1,2-Tetrachloroethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Acetone	ug/kg	--	8.4	--	--	8.6 U	7.6 U	7.6 U
Chloroform	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Benzene	ug/kg	--	4.0 U	--	--	0.11 J Z	3.8 U	3.8 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-080-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-080-SA8N-SB-4.0-5.0 05/04/2011 DE143 4 5	SL-082-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-085-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-086-SA8N-SB-6.5-7.5 05/06/2011 DE145 6.5 7.5	SL-087-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5	SL-087-SA8N-SB-9.0-10.0 05/09/2011 DE146 9 10
1,1,1-Trichloroethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Bromomethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Chloromethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Dibromomethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Bromochloromethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Chloroethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Vinyl Chloride	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Methylene chloride	ug/kg	--	12	--	--	4.3 U B	10	23
Bromoform	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Bromodichloromethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
1,1-Dichloroethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
1,1-Dichloroethene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Trichlorofluoromethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Dichlorodifluoromethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Freon 113a	ug/kg	--	5.0 U	--	--	5.4 U	4.8 U	4.7 U
Freon 113	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
1,2-Dichloropropane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
2-Butanone	ug/kg	--	7.9 U	--	--	8.6 U	7.6 U	7.6 U
1,1,2-Trichloroethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Trichloroethene	ug/kg	--	4.0 U	--	--	0.26 J Z	3.8 U	3.8 U
1,1,2,2-Tetrachloroethane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Chlorotrifluoroethene	ug/kg	--	5.0 U	--	--	5.4 U	4.8 U	4.7 U
1,2,3-Trichlorobenzene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
o-Xylene	ug/kg	--	4.0 U	--	--	0.49 J Z	3.8 U	3.8 U
2-Chlorotoluene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
1,2,4-Trimethylbenzene	ug/kg	--	4.0 U	--	--	0.57 J Z	3.8 U	3.8 U
1,2-Dibromo-3-chloropropane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
1,2,3-Trichloropropane	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
tert-Butylbenzene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U
Isopropylbenzene	ug/kg	--	4.0 U	--	--	4.3 U	3.8 U	3.8 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-088-SA8N-SB-3.0-4.0 05/09/2011 DE146 3 4	SL-089-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-092-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-093-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-094-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-095-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-096-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	1 U	--	--	--	--	--	--
EFH (C12-C14)	mg/kg	1.4 U	1.4 U	2.7 U	2.7 U	--	--	--
EFH (C15-C20)	mg/kg	1.4 U	2.9	3.7	3	--	--	--
EFH (C21-C30)	mg/kg	1.4 U	8.2	13	18	--	--	--
EFH (C30-C40)	mg/kg	0.60 J Z	23	39	48	--	--	--
EFH (C8-C11)	mg/kg	1.4 U	1.4 U	2.7 U	2.7 U	--	--	--
1,4-Dichlorobenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,2,4-Trichlorobenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,3-Dichlorobenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Hexachlorobutadiene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,2-Dichlorobenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Isopropyltoluene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Ethylbenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Styrene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
cis-1,3-Dichloropropene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
trans-1,3-Dichloropropene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
N-Propylbenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
N-Butylbenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
4-Chlorotoluene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,2-Dibromoethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,2-Dichloroethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
4-Methyl-2-Pentanone	ug/kg	8.1 U	--	--	--	8.9 U	9.6 U	8.7 U
1,3,5-Trimethylbenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Bromobenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Toluene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Chlorobenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
2-Chloroethyl Vinyl Ether	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,4-Dioxane	ug/kg	14 U	--	--	--	16 U	17 U	15 U
Dibromochloromethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Tetrachloroethene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
sec-Butylbenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,3-Dichloropropane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
cis-1,2-Dichloroethene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
trans-1,2-Dichloroethene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Methyl tert-Butyl Ether	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
m,p-Xylene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Carbon tetrachloride	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,1-Dichloropropene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
2-Hexanone	ug/kg	8.1 U	--	--	--	8.9 U	9.6 U	8.7 U
2,2-Dichloropropane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,1,1,2-Tetrachloroethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Acetone	ug/kg	8.1 U	--	--	--	8.9 U	9.6 U	8.7 U
Chloroform	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Benzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-088-SA8N-SB-3.0-4.0 05/09/2011 DE146 3 4	SL-089-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-092-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-093-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-094-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-095-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-096-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5
1,1,1-Trichloroethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Bromomethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Chloromethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Dibromomethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Bromochloromethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Chloroethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Vinyl Chloride	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Methylene chloride	ug/kg	28	--	--	--	21	5.9	4.3 U B
Bromoform	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Bromodichloromethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,1-Dichloroethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,1-Dichloroethene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Trichlorofluoromethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Dichlorodifluoromethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Freon 113a	ug/kg	5.1 U	--	--	--	5.6 U	6.0 U	5.4 U
Freon 113	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,2-Dichloropropane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
2-Butanone	ug/kg	8.1 U	--	--	--	8.9 U	9.6 U	8.7 U
1,1,2-Trichloroethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Trichloroethene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,1,2,2-Tetrachloroethane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Chlorotrifluoroethene	ug/kg	5.1 U	--	--	--	5.6 U	6.0 U	5.4 U
1,2,3-Trichlorobenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
o-Xylene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
2-Chlorotoluene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,2,4-Trimethylbenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,2-Dibromo-3-chloropropane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
1,2,3-Trichloropropane	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
tert-Butylbenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U
Isopropylbenzene	ug/kg	4.1 U	--	--	--	4.5 U	4.8 U	4.3 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-097-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-098-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-099-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-101-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-101-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-101-SA8N-SB-7.0-8.0 05/12/2011 DE149 7 8	SL-102-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	--	--	1 U	--	1 U	1.1 U	--
EFH (C12-C14)	mg/kg	--	--	1.4 U	1.4 U	1.4 U	1.4 U	6.9 U
EFH (C15-C20)	mg/kg	--	--	1.4 U	1.1 J Z	1.4 U	1.4 U	2.4 J Z
EFH (C21-C30)	mg/kg	--	--	1.4 U	8.5	1.4 U	1.4 U	43
EFH (C30-C40)	mg/kg	--	--	0.97 J Z	20	0.94 J Z	0.99 J Z	110
EFH (C8-C11)	mg/kg	--	--	1.4 UJ B, L	1.4 U	1.4 UJ B, L	1.4 UJ B, L	6.9 U
1,4-Dichlorobenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,2,4-Trichlorobenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,3-Dichlorobenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Hexachlorobutadiene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,2-Dichlorobenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Isopropyltoluene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Ethylbenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Styrene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
cis-1,3-Dichloropropene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
trans-1,3-Dichloropropene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
N-Propylbenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
N-Butylbenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
4-Chlorotoluene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,2-Dibromoethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,2-Dichloroethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
4-Methyl-2-Pentanone	ug/kg	8.6 U	8.3 U	7.6 U	--	8.3 U	8.0 U	--
1,3,5-Trimethylbenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Bromobenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Toluene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Chlorobenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
2-Chloroethyl Vinyl Ether	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,4-Dioxane	ug/kg	15 U	15 U	14 U	--	15 U	15 U	--
Dibromochloromethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Tetrachloroethene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
sec-Butylbenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,3-Dichloropropane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
cis-1,2-Dichloroethene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
trans-1,2-Dichloroethene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Methyl tert-Butyl Ether	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
m,p-Xylene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Carbon tetrachloride	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,1-Dichloropropene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
2-Hexanone	ug/kg	8.6 U	8.3 U	7.6 U	--	8.3 U	8.0 U	--
2,2-Dichloropropane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,1,1,2-Tetrachloroethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Acetone	ug/kg	8.6 U	8.3 U	7.6 U	--	8.3 U	8.0 U	--
Chloroform	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Benzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-097-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-098-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-099-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-101-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-101-SA8N-SB-4.0-5.0 05/12/2011 DE149 4 5	SL-101-SA8N-SB-7.0-8.0 05/12/2011 DE149 7 8	SL-102-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5
1,1,1-Trichloroethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Bromomethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Chloromethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Dibromomethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Bromochloromethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Chloroethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Vinyl Chloride	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Methylene chloride	ug/kg	6.5	5.1	4.6	--	5.6	19	--
Bromoform	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Bromodichloromethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,1-Dichloroethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,1-Dichloroethene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Trichlorofluoromethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Dichlorodifluoromethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Freon 113a	ug/kg	5.4 U	5.2 U	4.7 U	--	5.2 U	5.0 U	--
Freon 113	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,2-Dichloropropane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
2-Butanone	ug/kg	8.6 U	8.3 U	7.6 U	--	8.3 U	8.0 U	--
1,1,2-Trichloroethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Trichloroethene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,1,2,2-Tetrachloroethane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Chlorotrifluoroethene	ug/kg	5.4 U	5.2 U	4.7 U	--	5.2 U	5.0 U	--
1,2,3-Trichlorobenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
o-Xylene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
2-Chlorotoluene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,2,4-Trimethylbenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,2-Dibromo-3-chloropropane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
1,2,3-Trichloropropane	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
tert-Butylbenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--
Isopropylbenzene	ug/kg	4.3 U	4.1 U	3.8 U	--	4.2 U	4.0 U	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-103-SA8N-SB-3.0-4.0 05/12/2011 DE149 3 4	SL-104-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-105-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-106-SA8N-SB-2.5-3.5 06/08/2011 DE176 2.5 3.5	SL-108-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-109-SA8N-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-109-SA8N-SB-9.0-10.0 06/08/2011 DE176 9 10
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	1 U	--	1 U	0.9 U	--	0.9 U	1.0 U
EFH (C12-C14)	mg/kg	1.4 U	--	1.4 U	1.4 U	120 U	1.4 U	1.4 U
EFH (C15-C20)	mg/kg	1.4 U	--	1.4 U	1.4 U	61 J Z	1.4 U	1.4 U
EFH (C21-C30)	mg/kg	1.4 U	--	1.4 U	1.6	520	1.6	2.6
EFH (C30-C40)	mg/kg	0.87 J Z	--	0.82 J Z	3.7	1600	3.9	6.8
EFH (C8-C11)	mg/kg	1.4 UJ B, L	--	1.4 U	1.4 U B	120 U	1.4 U B	1.4 U B
1,4-Dichlorobenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,2,4-Trichlorobenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,3-Dichlorobenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Hexachlorobutadiene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,2-Dichlorobenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Isopropyltoluene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Ethylbenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Styrene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
cis-1,3-Dichloropropene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
trans-1,3-Dichloropropene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
N-Propylbenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
N-Butylbenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
4-Chlorotoluene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,2-Dibromoethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,2-Dichloroethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
4-Methyl-2-Pentanone	ug/kg	7.6 U	7.8 U	8.0 U	7.6 U	--	8.1 U	8.1 U
1,3,5-Trimethylbenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Bromobenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Toluene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U B	--	4.1 U B	4.0 U B
Chlorobenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
2-Chloroethyl Vinyl Ether	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,4-Dioxane	ug/kg	16 U	14 U	15 U	15 U	--	15 U	15 U
Dibromochloromethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Tetrachloroethene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
sec-Butylbenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,3-Dichloropropane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
cis-1,2-Dichloroethene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
trans-1,2-Dichloroethene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Methyl tert-Butyl Ether	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
m,p-Xylene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Carbon tetrachloride	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,1-Dichloropropene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
2-Hexanone	ug/kg	7.6 U	7.8 U	8.0 U	7.6 U	--	8.1 U	8.1 U
2,2-Dichloropropane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,1,1,2-Tetrachloroethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Acetone	ug/kg	7.6 U	7.8 U	15	7.6 U B	--	8.1 U B	8.1 U B
Chloroform	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Benzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-103-SA8N-SB-3.0-4.0 05/12/2011 DE149 3 4	SL-104-SA8N-SB-4.0-5.0 05/13/2011 DE150 4 5	SL-105-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-106-SA8N-SB-2.5-3.5 06/08/2011 DE176 2.5 3.5	SL-108-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-109-SA8N-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-109-SA8N-SB-9.0-10.0 06/08/2011 DE176 9 10
1,1,1-Trichloroethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Bromomethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Chloromethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Dibromomethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Bromochloromethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Chloroethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Vinyl Chloride	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Methylene chloride	ug/kg	3.8 U B	5.3	4.0 U B	3.8 UJ B, L	--	4.1 UJ B, L	4.0 UJ B, L
Bromoform	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Bromodichloromethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,1-Dichloroethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,1-Dichloroethene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Trichlorofluoromethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Dichlorodifluoromethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Freon 113a	ug/kg	4.8 U	4.9 U	5.0 U	4.7 U	--	5.1 U	5.1 U
Freon 113	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,2-Dichloropropane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
2-Butanone	ug/kg	7.6 U	7.8 U	8.0 U	7.6 U	--	2.5 J Z	2.5 J Z
1,1,2-Trichloroethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Trichloroethene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,1,2,2-Tetrachloroethane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Chlorotrifluoroethene	ug/kg	4.8 U	4.9 U	5.0 U	4.7 U	--	5.1 U	5.1 U
1,2,3-Trichlorobenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
o-Xylene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
2-Chlorotoluene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,2,4-Trimethylbenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,2-Dibromo-3-chloropropane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
1,2,3-Trichloropropane	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
tert-Butylbenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U
Isopropylbenzene	ug/kg	3.8 U	3.9 U	4.0 U	3.8 U	--	4.1 U	4.0 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-111-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-111-SA8N-SB-3.0-4.0 06/10/2011 DE178 3 4	SL-112-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-115-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-116-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-116-SA8N-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-117-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	--	0.9 U	--	--	--	1 U	--
EFH (C12-C14)	mg/kg	1.4 U	1.3 U	1.4 U	130 U	36 U	1.4 U	160 U
EFH (C15-C20)	mg/kg	5.6	1.3 U	3.2	130 U	13 J Z	0.51 J Z	160 U
EFH (C21-C30)	mg/kg	21	1.8	10	340	150	5	640
EFH (C30-C40)	mg/kg	57	1.3 U B	26	1600	650	5.7	2800
EFH (C8-C11)	mg/kg	1.4 U	1.3 U	1.4 U	130 U	36 U	1.4 U	160 U
1,4-Dichlorobenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,2,4-Trichlorobenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,3-Dichlorobenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Hexachlorobutadiene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,2-Dichlorobenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Isopropyltoluene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Ethylbenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Styrene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
cis-1,3-Dichloropropene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
trans-1,3-Dichloropropene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
N-Propylbenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
N-Butylbenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
4-Chlorotoluene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,2-Dibromoethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,2-Dichloroethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
4-Methyl-2-Pentanone	ug/kg	--	7.8 U	--	--	--	7.4 U	--
1,3,5-Trimethylbenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Bromobenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Toluene	ug/kg	--	0.09 J Z	--	--	--	0.17 J Z	--
Chlorobenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
2-Chloroethyl Vinyl Ether	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,4-Dioxane	ug/kg	--	15 U	--	--	--	14 U	--
Dibromochloromethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Tetrachloroethene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
sec-Butylbenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,3-Dichloropropane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
cis-1,2-Dichloroethene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
trans-1,2-Dichloroethene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Methyl tert-Butyl Ether	ug/kg	--	3.9 U	--	--	--	3.7 U	--
m,p-Xylene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Carbon tetrachloride	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,1-Dichloropropene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
2-Hexanone	ug/kg	--	7.8 U	--	--	--	7.4 U	--
2,2-Dichloropropane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,1,1,2-Tetrachloroethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Acetone	ug/kg	--	7.8 U	--	--	--	7.4 U	--
Chloroform	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Benzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-111-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-111-SA8N-SB-3.0-4.0 06/10/2011 DE178 3 4	SL-112-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-115-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-116-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-116-SA8N-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-117-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5
1,1,1-Trichloroethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Bromomethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Chloromethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Dibromomethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Bromochloromethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Chloroethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Vinyl Chloride	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Methylene chloride	ug/kg	--	3.9 UJ B, L	--	--	--	3.7 UJ B, L	--
Bromoform	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Bromodichloromethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,1-Dichloroethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,1-Dichloroethene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Trichlorofluoromethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Dichlorodifluoromethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Freon 113a	ug/kg	--	4.9 U	--	--	--	4.6 U	--
Freon 113	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,2-Dichloropropane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
2-Butanone	ug/kg	--	7.8 U	--	--	--	7.4 U	--
1,1,2-Trichloroethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Trichloroethene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,1,2,2-Tetrachloroethane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Chlorotrifluoroethene	ug/kg	--	4.9 U	--	--	--	4.6 U	--
1,2,3-Trichlorobenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
o-Xylene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
2-Chlorotoluene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,2,4-Trimethylbenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,2-Dibromo-3-chloropropane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
1,2,3-Trichloropropane	ug/kg	--	3.9 U	--	--	--	3.7 U	--
tert-Butylbenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--
Isopropylbenzene	ug/kg	--	3.9 U	--	--	--	3.7 U	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-118-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-119-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-120-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-120-SA8N-SB-4.0-5.0 05/11/2011 DE148 4 5	SL-120-SA8N-SB-9.0-10.0 05/11/2011 DE148 9 10	SL-122-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-122-SA8N-SB-2.0-3.0 06/07/2011 DE175 2 3
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	--	--	--	1.1 U	1 U	--	1.0 U
EFH (C12-C14)	mg/kg	180 U	1.3 U	13 U	2.6 U	2.7 U	1.2 U	1.3 U
EFH (C15-C20)	mg/kg	180 U	2.8 J Q	13 U	2.6 U	2.7 U	0.97 J Z	0.54 J Z
EFH (C21-C30)	mg/kg	540	12	48	10	17	7.4	2.9
EFH (C30-C40)	mg/kg	2100	30	200	73	100	23	5.4
EFH (C8-C11)	mg/kg	180 U	1.3 U	13 U	2.6 UJ B, Q, L	2.7 UJ B, L	1.2 U	1.3 U
1,4-Dichlorobenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,2,4-Trichlorobenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,3-Dichlorobenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Hexachlorobutadiene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,2-Dichlorobenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Isopropyltoluene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Ethylbenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Styrene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
cis-1,3-Dichloropropene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
trans-1,3-Dichloropropene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
N-Propylbenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
N-Butylbenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
4-Chlorotoluene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,2-Dibromoethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,2-Dichloroethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
4-Methyl-2-Pentanone	ug/kg	--	--	--	8.1 U	7.8 U	--	8.2 U
1,3,5-Trimethylbenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Bromobenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Toluene	ug/kg	--	--	--	4.0 U	0.08 J Z	--	4.1 U B
Chlorobenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
2-Chloroethyl Vinyl Ether	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,4-Dioxane	ug/kg	--	--	--	14 U	15 U	--	15 U
Dibromochloromethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Tetrachloroethene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
sec-Butylbenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,3-Dichloropropane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
cis-1,2-Dichloroethene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
trans-1,2-Dichloroethene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Methyl tert-Butyl Ether	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
m,p-Xylene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Carbon tetrachloride	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,1-Dichloropropene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
2-Hexanone	ug/kg	--	--	--	8.1 U	7.8 U	--	8.2 U
2,2-Dichloropropane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,1,1,2-Tetrachloroethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Acetone	ug/kg	--	--	--	8.1 U	7.8 U	--	8.2 U B
Chloroform	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Benzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-118-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-119-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-120-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-120-SA8N-SB-4.0-5.0 05/11/2011 DE148 4 5	SL-120-SA8N-SB-9.0-10.0 05/11/2011 DE148 9 10	SL-122-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-122-SA8N-SB-2.0-3.0 06/07/2011 DE175 2 3
1,1,1-Trichloroethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Bromomethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Chloromethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Dibromomethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Bromochloromethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Chloroethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Vinyl Chloride	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Methylene chloride	ug/kg	--	--	--	8.1	6.1	--	4.1 U B
Bromoform	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Bromodichloromethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,1-Dichloroethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,1-Dichloroethene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Trichlorofluoromethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Dichlorodifluoromethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Freon 113a	ug/kg	--	--	--	5.1 U	4.9 U	--	5.2 U
Freon 113	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,2-Dichloropropane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
2-Butanone	ug/kg	--	--	--	8.1 U	7.8 U	--	8.2 U
1,1,2-Trichloroethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Trichloroethene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Chlorotrifluoroethene	ug/kg	--	--	--	5.1 U	4.9 U	--	5.2 U
1,2,3-Trichlorobenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
o-Xylene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
2-Chlorotoluene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,2,4-Trimethylbenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,2-Dibromo-3-chloropropane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
1,2,3-Trichloropropane	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
tert-Butylbenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U
Isopropylbenzene	ug/kg	--	--	--	4.0 U	3.9 U	--	4.1 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-125-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-126-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-127-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-127-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-128-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-128-SA8N-SB-2.5-3.5 05/10/2011 DE147 2.5 3.5	SL-129-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	--	--	--	0.9 U	--	1.0 U	--
EFH (C12-C14)	mg/kg	7.4 U	2.7 U	1.3 U	1.3 U	2.9 U	1.3 U	1.3 U
EFH (C15-C20)	mg/kg	5.6 J Z	6.1	1.1 J Z	1.3 U	1.0 J Z	1.3 U	2.4
EFH (C21-C30)	mg/kg	45	37	16	1.3 U	12	0.45 J Z	10
EFH (C30-C40)	mg/kg	180	110	43	0.50 J Z	45	1.8	28
EFH (C8-C11)	mg/kg	7.4 U	2.7 U	1.3 U	1.3 U	2.9 U	1.3 U	1.3 U
1,4-Dichlorobenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,2,4-Trichlorobenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,3-Dichlorobenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Hexachlorobutadiene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,2-Dichlorobenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Isopropyltoluene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Ethylbenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Styrene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
cis-1,3-Dichloropropene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
trans-1,3-Dichloropropene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
N-Propylbenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
N-Butylbenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
4-Chlorotoluene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,2-Dibromoethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,2-Dichloroethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
4-Methyl-2-Pentanone	ug/kg	--	--	--	8.4 U	--	9.0 U	--
1,3,5-Trimethylbenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Bromobenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Toluene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Chlorobenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
2-Chloroethyl Vinyl Ether	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,4-Dioxane	ug/kg	--	--	--	16 U	--	16 U	--
Dibromochloromethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Tetrachloroethene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
sec-Butylbenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,3-Dichloropropane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
cis-1,2-Dichloroethene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
trans-1,2-Dichloroethene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Methyl tert-Butyl Ether	ug/kg	--	--	--	4.2 U	--	4.5 U	--
m,p-Xylene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Carbon tetrachloride	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,1-Dichloropropene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
2-Hexanone	ug/kg	--	--	--	8.4 U	--	9.0 U	--
2,2-Dichloropropane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,1,1,2-Tetrachloroethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Acetone	ug/kg	--	--	--	8.4 U	--	9.0 U	--
Chloroform	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Benzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-125-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-126-SA8N-SS-0.0-0.5 04/21/2011 DE134 0 0.5	SL-127-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-127-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-128-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5	SL-128-SA8N-SB-2.5-3.5 05/10/2011 DE147 2.5 3.5	SL-129-SA8N-SS-0.0-0.5 04/20/2011 DE132 0 0.5
1,1,1-Trichloroethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Bromomethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Chloromethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Dibromomethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Bromochloromethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Chloroethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Vinyl Chloride	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Methylene chloride	ug/kg	--	--	--	5.2	--	12	--
Bromoform	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Bromodichloromethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,1-Dichloroethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,1-Dichloroethene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Trichlorofluoromethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Dichlorodifluoromethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Freon 113a	ug/kg	--	--	--	5.2 U	--	5.6 U	--
Freon 113	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,2-Dichloropropane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
2-Butanone	ug/kg	--	--	--	8.4 U	--	9.0 U	--
1,1,2-Trichloroethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Trichloroethene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,1,2,2-Tetrachloroethane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Chlorotrifluoroethene	ug/kg	--	--	--	5.2 U	--	5.6 U	--
1,2,3-Trichlorobenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
o-Xylene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
2-Chlorotoluene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,2,4-Trimethylbenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,2-Dibromo-3-chloropropane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
1,2,3-Trichloropropane	ug/kg	--	--	--	4.2 U	--	4.5 U	--
tert-Butylbenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--
Isopropylbenzene	ug/kg	--	--	--	4.2 U	--	4.5 U	--

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Sample Name Sample Date SDG Start Depth End Depth		SL-129-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-132-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-133-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-133-SA8N-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-133-SA8N-SB-7.0-8.0 06/06/2011 DE175 7 8	SL-134-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-135-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	1.0 U	--	--	1.1 U	1 U	--	--
EFH (C12-C14)	mg/kg	1.3 U	13 U	7.0 U	1.4 U	1.4 U	1.4 U	1.3 U
EFH (C15-C20)	mg/kg	1.3 U	13 U	9.8	1.4 U	1.4 U	3.2	1.3 U
EFH (C21-C30)	mg/kg	1.3 U	19	44	1.4 U	1.4 U	12	1.6
EFH (C30-C40)	mg/kg	1.3 U	120	140	1.4 U B	1.4 U B	31	4.9
EFH (C8-C11)	mg/kg	1.3 U	13 U	7.0 U	1.4 U	1.4 U	1.4 U	1.3 U
1,4-Dichlorobenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,2,4-Trichlorobenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,3-Dichlorobenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Hexachlorobutadiene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,2-Dichlorobenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Isopropyltoluene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Ethylbenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Styrene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
cis-1,3-Dichloropropene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
trans-1,3-Dichloropropene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
N-Propylbenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
N-Butylbenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
4-Chlorotoluene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,2-Dibromoethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,2-Dichloroethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
4-Methyl-2-Pentanone	ug/kg	8.4 U	--	--	8.3 U	8.4 U	--	--
1,3,5-Trimethylbenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Bromobenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Toluene	ug/kg	0.13 J Z	--	--	0.17 J Z	4.2 U B	--	--
Chlorobenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
2-Chloroethyl Vinyl Ether	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,4-Dioxane	ug/kg	14 U	--	--	17 U	15 U	--	--
Dibromochloromethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Tetrachloroethene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
sec-Butylbenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,3-Dichloropropane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
cis-1,2-Dichloroethene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
trans-1,2-Dichloroethene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Methyl tert-Butyl Ether	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
m,p-Xylene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Carbon tetrachloride	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,1-Dichloropropene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
2-Hexanone	ug/kg	8.4 U	--	--	8.3 U	8.4 U	--	--
2,2-Dichloropropane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,1,1,2-Tetrachloroethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Acetone	ug/kg	10	--	--	8.3 U B	8.4 U B	--	--
Chloroform	ug/kg	4.2 U	--	--	0.16 J Z	4.2 U	--	--
Benzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-129-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-132-SA8N-SS-0.0-0.5 04/18/2011 DE130 0 0.5	SL-133-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-133-SA8N-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-133-SA8N-SB-7.0-8.0 06/06/2011 DE175 7 8	SL-134-SA8N-SS-0.0-0.5 04/14/2011 DE127 0 0.5	SL-135-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5
1,1,1-Trichloroethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Bromomethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Chloromethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Dibromomethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Bromochloromethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Chloroethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Vinyl Chloride	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Methylene chloride	ug/kg	23	--	--	4.1 U B	4.2 U B	--	--
Bromoform	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Bromodichloromethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,1-Dichloroethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,1-Dichloroethene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Trichlorofluoromethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Dichlorodifluoromethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Freon 113a	ug/kg	5.3 U	--	--	5.2 U	5.2 U	--	--
Freon 113	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,2-Dichloropropane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
2-Butanone	ug/kg	8.4 U	--	--	8.3 U	8.4 U	--	--
1,1,2-Trichloroethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Trichloroethene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,1,2,2-Tetrachloroethane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Chlorotrifluoroethene	ug/kg	5.3 U	--	--	5.2 U	5.2 U	--	--
1,2,3-Trichlorobenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
o-Xylene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
2-Chlorotoluene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,2,4-Trimethylbenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,2-Dibromo-3-chloropropane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
1,2,3-Trichloropropane	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
tert-Butylbenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--
Isopropylbenzene	ug/kg	4.2 U	--	--	4.1 U	4.2 U	--	--

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Sample Name Sample Date SDG Start Depth End Depth		SL-135-SA8N-SB-2.0-3.0 05/09/2011 DE146 2 3	SL-136-SA8N-SB-4.0-5.0 05/11/2011 DE148 4 5	SL-137-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-139-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-138-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-140-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-140-SA8N-SB-3.0-4.0 06/07/2011 DE175 3 4
Chemical Name	Unit							
GRO (C5-C12)	mg/kg	1.1 U	--	--	--	--	--	1.0 U
EFH (C12-C14)	mg/kg	1.3 U	--	--	2.5 U	1.3 U	2.7 U	1.4 U
EFH (C15-C20)	mg/kg	1.3 U	--	--	3.6	0.85 J Z	2.6 J Z	1.4 U
EFH (C21-C30)	mg/kg	1.3 U	--	--	17	5.8 J Q	14	1.4 U
EFH (C30-C40)	mg/kg	1.3 U	--	--	49	22	48	1.4 U B
EFH (C8-C11)	mg/kg	1.3 U	--	--	2.5 U	1.3 U	2.7 U	1.4 U
1,4-Dichlorobenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,2,4-Trichlorobenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,3-Dichlorobenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Hexachlorobutadiene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,2-Dichlorobenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Isopropyltoluene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Ethylbenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Styrene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
cis-1,3-Dichloropropene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
trans-1,3-Dichloropropene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
N-Propylbenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
N-Butylbenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
4-Chlorotoluene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,2-Dibromoethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,2-Dichloroethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
4-Methyl-2-Pentanone	ug/kg	8.7 U	7.9 U	7.5 U	--	--	--	7.6 U
1,3,5-Trimethylbenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Bromobenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Toluene	ug/kg	4.4 U B	0.08 J Z	0.1 J Z	--	--	--	3.8 U B
Chlorobenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
2-Chloroethyl Vinyl Ether	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,4-Dioxane	ug/kg	17 U	16 U	14 U	--	--	--	15 U
Dibromochloromethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Tetrachloroethene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
sec-Butylbenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,3-Dichloropropane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
cis-1,2-Dichloroethene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
trans-1,2-Dichloroethene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Methyl tert-Butyl Ether	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
m,p-Xylene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Carbon tetrachloride	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,1-Dichloropropene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
2-Hexanone	ug/kg	8.7 U	7.9 U	7.5 U	--	--	--	7.6 U
2,2-Dichloropropane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,1,1,2-Tetrachloroethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Acetone	ug/kg	8.7 U	7.9 U	7.5 U	--	--	--	7.6 U B
Chloroform	ug/kg	0.14 J Z	0.13 J Z	3.7 U	--	--	--	3.8 U
Benzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-135-SA8N-SB-2.0-3.0 05/09/2011 DE146 2 3	SL-136-SA8N-SB-4.0-5.0 05/11/2011 DE148 4 5	SL-137-SA8N-SB-4.0-5.0 05/10/2011 DE147 4 5	SL-139-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-138-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-140-SA8N-SS-0.0-0.5 04/19/2011 DE131 0 0.5	SL-140-SA8N-SB-3.0-4.0 06/07/2011 DE175 3 4
1,1,1-Trichloroethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Bromomethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Chloromethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Dibromomethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Bromochloromethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Chloroethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Vinyl Chloride	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Methylene chloride	ug/kg	27	20	13	--	--	--	3.8 U B
Bromoform	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Bromodichloromethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,1-Dichloroethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,1-Dichloroethene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Trichlorofluoromethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Dichlorodifluoromethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Freon 113a	ug/kg	5.4 U	4.9 U	4.7 U	--	--	--	4.7 U
Freon 113	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,2-Dichloropropane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
2-Butanone	ug/kg	8.7 U	7.9 U	7.5 U	--	--	--	7.6 U
1,1,2-Trichloroethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Trichloroethene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,1,2,2-Tetrachloroethane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Chlorotrifluoroethene	ug/kg	5.4 U	4.9 U	4.7 U	--	--	--	4.7 U
1,2,3-Trichlorobenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
o-Xylene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
2-Chlorotoluene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,2,4-Trimethylbenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,2-Dibromo-3-chloropropane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
1,2,3-Trichloropropane	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
tert-Butylbenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U
Isopropylbenzene	ug/kg	4.4 U	3.9 U	3.7 U	--	--	--	3.8 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-141-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5	SL-141-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5
Chemical Name	Unit		
GRO (C5-C12)	mg/kg	--	1.1 U
EFH (C12-C14)	mg/kg	1.4 U	1.4 U
EFH (C15-C20)	mg/kg	8.5	1.4 U
EFH (C21-C30)	mg/kg	9.3	1.4 U
EFH (C30-C40)	mg/kg	21	0.85 J Z
EFH (C8-C11)	mg/kg	1.4 U	1.4 U
1,4-Dichlorobenzene	ug/kg	--	4.5 U
1,2,4-Trichlorobenzene	ug/kg	--	4.5 U
1,3-Dichlorobenzene	ug/kg	--	4.5 U
Hexachlorobutadiene	ug/kg	--	4.5 U
1,2-Dichlorobenzene	ug/kg	--	4.5 U
Isopropyltoluene	ug/kg	--	4.5 U
Ethylbenzene	ug/kg	--	4.5 U
Styrene	ug/kg	--	4.5 U
cis-1,3-Dichloropropene	ug/kg	--	4.5 U
trans-1,3-Dichloropropene	ug/kg	--	4.5 U
N-Propylbenzene	ug/kg	--	4.5 U
N-Butylbenzene	ug/kg	--	4.5 U
4-Chlorotoluene	ug/kg	--	4.5 U
1,2-Dibromoethane	ug/kg	--	4.5 U
1,2-Dichloroethane	ug/kg	--	4.5 U
4-Methyl-2-Pentanone	ug/kg	--	9.1 U
1,3,5-Trimethylbenzene	ug/kg	--	4.5 U
Bromobenzene	ug/kg	--	4.5 U
Toluene	ug/kg	--	4.5 U B
Chlorobenzene	ug/kg	--	4.5 U
2-Chloroethyl Vinyl Ether	ug/kg	--	4.5 U
1,4-Dioxane	ug/kg	--	15 U
Dibromochloromethane	ug/kg	--	4.5 U
Tetrachloroethene	ug/kg	--	4.5 U
sec-Butylbenzene	ug/kg	--	4.5 U
1,3-Dichloropropane	ug/kg	--	4.5 U
cis-1,2-Dichloroethene	ug/kg	--	4.5 U
trans-1,2-Dichloroethene	ug/kg	--	4.5 U
Methyl tert-Butyl Ether	ug/kg	--	4.5 U
m,p-Xylene	ug/kg	--	4.5 U
Carbon tetrachloride	ug/kg	--	4.5 U
1,1-Dichloropropene	ug/kg	--	4.5 U
2-Hexanone	ug/kg	--	9.1 U
2,2-Dichloropropane	ug/kg	--	4.5 U
1,1,1,2-Tetrachloroethane	ug/kg	--	4.5 U
Acetone	ug/kg	--	9.1 UJ FD
Chloroform	ug/kg	--	0.16 J FD, Z
Benzene	ug/kg	--	4.5 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-141-SA8N-SS-0.0-0.5 04/15/2011 DE129 0 0.5	SL-141-SA8N-SB-4.0-5.0 05/09/2011 DE146 4 5
1,1,1-Trichloroethane	ug/kg	--	4.5 U
Bromomethane	ug/kg	--	4.5 U
Chloromethane	ug/kg	--	4.5 U
Dibromomethane	ug/kg	--	4.5 U
Bromochloromethane	ug/kg	--	4.5 U
Chloroethane	ug/kg	--	4.5 U
Vinyl Chloride	ug/kg	--	4.5 U
Methylene chloride	ug/kg	--	30 J Q
Bromoform	ug/kg	--	4.5 U
Bromodichloromethane	ug/kg	--	4.5 U
1,1-Dichloroethane	ug/kg	--	4.5 U
1,1-Dichloroethene	ug/kg	--	4.5 U
Trichlorofluoromethane	ug/kg	--	4.5 U
Dichlorodifluoromethane	ug/kg	--	4.5 U
Freon 113a	ug/kg	--	5.7 U
Freon 113	ug/kg	--	4.5 U
1,2-Dichloropropane	ug/kg	--	4.5 U
2-Butanone	ug/kg	--	9.1 U
1,1,2-Trichloroethane	ug/kg	--	4.5 U
Trichloroethene	ug/kg	--	17 J FD, Q
1,1,2,2-Tetrachloroethane	ug/kg	--	4.5 U
Chlorotrifluoroethene	ug/kg	--	5.7 U
1,2,3-Trichlorobenzene	ug/kg	--	4.5 U
o-Xylene	ug/kg	--	4.5 U
2-Chlorotoluene	ug/kg	--	4.5 U
1,2,4-Trimethylbenzene	ug/kg	--	4.5 U
1,2-Dibromo-3-chloropropane	ug/kg	--	4.5 U
1,2,3-Trichloropropane	ug/kg	--	4.5 U
tert-Butylbenzene	ug/kg	--	4.5 U
Isopropylbenzene	ug/kg	--	4.5 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-001-SA8S-SB-4.0-5.0 11/18/2011 DE289 4 5	SL-003-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-005-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-005-SA8S-SB-3.5-4.5 11/15/2011 DE287 3.5 4.5	SL-007-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-007-SA8S-SB-4.0-5.0 11/15/2011 DE287 4 5
Chemical Name	Unit							
Fluoride	mg/kg	1.1 UJ Q	1.1 U	1.0 UJ Q	1.0 UJ Q	8.8 J Q	1.1 UJ Q	5.1 J Q
Aluminum	mg/kg	25500	16100	17900	11100	14700	11700	13600
Iron	mg/kg	37700	17700	20900	11100	18800 J Q	13600	21700 J Q
Lead	mg/kg	18.2 J A	7.63	20.8 J A	6.61 J A	9.50 J Q, A	10.9 J A	10.8 J Q, A
Lithium	mg/kg	25.3	17.5	18.5	12.7	15	15.3	16.1
Magnesium	mg/kg	7650	5600 J E	6100	3930	6040	4330	5530
Manganese	mg/kg	337	334	278	167	305	180	382
Mercury	mg/kg	0.0132 J Z	0.105 U	0.0184 J Z	0.0987 U	0.0188 J Z	0.0161 J Z	0.0098 J Z
Molybdenum	mg/kg	0.461 J Q	0.110 U B	0.322 J Q	0.136 J Q	0.111 U B	0.277 J Q	0.112 U B
Nickel	mg/kg	25.7 J Q	15.2	17.1 J Q	9.79 J Q	17.5 J Q, A	13.2 J Q	23.5 J Q, A
Potassium	mg/kg	5170 J Q	3220 J Q	3130 J Q	1460 J Q	2780 J Q	1640 J Q	2580 J Q
Silver	mg/kg	0.102 UJ B, Q	0.110 U	0.101 UJ B, Q	0.102 U	0.111 U	0.104 U	0.112 U
Sodium	mg/kg	118	139 J E	121	120	1030	117	242
Strontium	mg/kg	125	230	156	182	256	142	219
Thallium	mg/kg	0.420 J Q	0.284	0.257 J Q	0.123 J Q	0.22	0.176 J Q	0.244
Tin	mg/kg	10.5 U B	11.0 U B	10.2 U B	10.2 U B	10.8 U B	10.4 U B	11.2 U B
Titanium	mg/kg	1350	871	832	542	620	674	543
Antimony	mg/kg	0.225 J Q	0.219 U	0.206 J Q	0.123 J Q, Z	0.0854 J Q, Z	0.140 J Q, Z	0.103 J Q, Z
Arsenic	mg/kg	8.60 J E, Q	4.88	6.79 J E, Q	4.49 J E, Q	6.98 J Q	4.87 J E, Q	6.29 J Q
Beryllium	mg/kg	0.853	0.66	0.656	0.478	0.568	0.418	0.625
Barium	mg/kg	138 J A	88.9	93.2 J A	82.4 J A	114 J E, A	88.6 J A	84.3 J E, A
Boron	mg/kg	14.5	9.1	11.2	8.92	17.6	9.04	15.3
Cadmium	mg/kg	0.389 J Q	0.394	0.300 J Q	0.232 J Q	0.24	0.225 J Q	0.456
Chromium	mg/kg	47.4 J Q	35.3	29.9 J Q	23.8 J Q	28.5 J Q, A	23.8 J Q	30.7 J Q, A
Cobalt	mg/kg	12.2 J Q, A	8.59	9.60 J Q, A	4.85 J Q, A	8.89 J A	6.87 J Q, A	9.54 J A
Copper	mg/kg	23.5 J E, Q	12.7	18.8 J E, Q	9.34 J Q	14.9	12.6 J Q	15.1
Vanadium	mg/kg	86.2 J E	59.9	51.6 J E	37.4 J E	49.4 J A	38.5 J E	53.0 J A
Zinc	mg/kg	90.9	56.5	55.1	27.9	48.1	34.9	54.5
Zirconium	mg/kg	2.86 J Z	6.08	3.40 J Z	2.30 J Z	4.75 J Z	2.00 J Z	3.96 J Z
Calcium	mg/kg	76800	122000	144000	239000	161000	242000	172000
Phosphorus	mg/kg	638	420	452	228	349	279	282
Selenium	mg/kg	0.489	0.166 J Z	0.252 J Z	0.143 J Z	0.181 J Z	0.213 J Z	0.201 J Z
Chromium VI	mg/kg	0.42 J Z	0.35 J Z	0.41 J Z	1.4	1.1 U	2.2	1.2 U
Perchlorate (314.0)	ug/kg	31.8 U	33.6 U	31.0 U	30.8 U	33.7 U	31.4 U	34.6 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	5.7	10.6	3.3	2.7	10.9	4.4	13.4
pH	pH unit	7.43	8.77	7.81	8.13	9.23	8.31	8.7

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Sample Name Sample Date SDG Start Depth End Depth		SL-008-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-008-SA8S-SB-2.0-3.0 11/17/2011 DE288 2 3	SL-009-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-009-SA8S-SB-4.0-5.0 11/16/2011 DE287 4 5	SL-009-SA8S-SB-7.0-8.0 11/16/2011 DE287 7 8	SL-010-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-010-SA8S-SB-4.0-5.0 11/16/2011 DE288 4 5
Chemical Name	Unit							
Fluoride	mg/kg	--	1.1 U	1.1 U	2.8 J Q	2.5 J Q	1.1 U	1.5
Aluminum	mg/kg	23100	11100	21300	20800	10700	21800	26100
Iron	mg/kg	27000	19000	23000	29000 J Q	14500 J Q	25400	43200
Lead	mg/kg	21.9 J A	5.98 J E	9.34 J A	9.07 J Q, A	8.28 J Q, A	26.1 J A	16.7 J E
Lithium	mg/kg	21	9.8	27.1	31.1	15.7	21.7	34.1
Magnesium	mg/kg	7570	4330	6950	7210	4280	7290	9100
Manganese	mg/kg	386	325 J E	372	271	516	355	303 J E
Mercury	mg/kg	0.0414 J Z	0.107 U	0.104 U B	0.107 U	0.109 U	0.0308 J Z	0.113 U
Molybdenum	mg/kg	0.44	0.106 U B	0.13	0.113 U B	0.105 U B	0.302	0.595
Nickel	mg/kg	19.9 J A	11.7 J E, Q	12.6 J A	17.3 J Q, A	15.3 J Q, A	17.5 J A	25.0 J E, Q
Potassium	mg/kg	5660	2160 J Q	3680	3580 J Q	2270 J Q	5340	3920 J Q
Silver	mg/kg	0.0303 J Z	0.106 U	0.104 U	0.0229 J Z	0.0191 J Z	0.107 U	0.0281 J Z
Sodium	mg/kg	108	128	114	180	155	117	136
Strontium	mg/kg	108	212	121	100	166	134	93.1
Thallium	mg/kg	0.339	0.106 UJ E, B, Q	0.224	0.293	0.254	0.225	0.448 J E, Q
Tin	mg/kg	10.7 U B	10.8 U B	10.4 U B	11.0 U B	10.8 U B	10.7 U B	11.2 U B
Titanium	mg/kg	1020 J L	478	870	631	374	971	1080
Antimony	mg/kg	0.192 J Q, Z	0.120 J Q, E, Z	0.207 UJ Q	0.226 UJ Q	0.209 UJ Q	0.134 J Q, Z	0.196 J Q, E, Z
Arsenic	mg/kg	6.55 J Q	5.82 J E	4.53 J Q	5.31 J Q	5.06 J Q	5.85 J Q	11.4 J E
Beryllium	mg/kg	0.675 J Q	0.490 J E, Q	0.521 J Q	0.634	0.586	0.573 J Q	0.968 J E, Q
Barium	mg/kg	96.3 J A	60.0 J E	63.6 J A	67.4 J E, A	61.2 J E, A	76.3 J A	101 J E
Boron	mg/kg	12.2	7.42	8.16	13.5	10.2	12.1	5.00 J Z
Cadmium	mg/kg	0.295	0.285 J Q	0.212	0.355	0.322	0.31	0.196 J Q
Chromium	mg/kg	28.9 J Q, A	28.8 J E, Q	25.6 J Q, A	30.0 J Q, A	26.6 J Q, A	26.5 J Q, A	30.3 J E, Q
Cobalt	mg/kg	10.6 J A	5.53 J E, Q	5.78 J A	9.27 J A	8.41 J A	9.15 J A	12.8 J E, Q
Copper	mg/kg	21.0 J A	10.1 J E, Q	12.4 J A	17	9.74	17.2 J A	36.9 J E, Q
Vanadium	mg/kg	52.9 J A	36.5 J E	39.3 J A	41.8 J A	37.1 J A	44.7 J A	63.3 J E
Zinc	mg/kg	70.9 J A	34.7 J E, A	45.2 J A	47.1	42.3	57.3 J A	83.1 J E, A
Zirconium	mg/kg	4.12 J Z	5.48	3.48 J Z	6.59	3.53 J Z	4.23 J Z	7.71
Calcium	mg/kg	84200 J E	172000	122000 J E	79200	177000	107000 J E	66300
Phosphorus	mg/kg	588	328	424	461	346	507	374
Selenium	mg/kg	0.268 J Z	0.103 J Z	0.167 J Z	0.250 J Z	0.185 J Z	0.187 J Z	0.508
Chromium VI	mg/kg	0.69 J Z	0.24 J Z	0.62 J Z	1.1 U	0.24 J Z	1.1	0.73 J Z
Perchlorate (314.0)	ug/kg	32.2 U	32.6 U	31.7 U	34.2 U	32.6 U	32.2 U	34.5 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	6.7	7.9	5.3	12.4	8.1	6.7	13
pH	pH unit	7.59	8.47	7.83	8.65	8.75	7.88	7.65

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-010-SA8S-SB-8.5-9.5 11/16/2011 DE288 8.5 9.5	SL-011-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-011-SA8S-SB-4.0-5.0 11/17/2011 DE288 4 5	SL-012-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-012-SA8S-SB-4.0-5.0 11/18/2011 DE289 4 5	SL-013-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-013-SA8S-SB-4.0-5.0 11/14/2011 DE286 4 5
Chemical Name	Unit							
Fluoride	mg/kg	1.8	1.1 U	1.2	1.1 U	2.8	1.0 UJ Q	1.3 J Q
Aluminum	mg/kg	22400	23400	12000	30400	17000	15200	16000
Iron	mg/kg	25100	26500	15100	36800	26700	21500	23500 J Q
Lead	mg/kg	20.7 J E	19.8 J A	6.52 J E	17.6 J A	7.95	13.9 J A	7.62 J Q, A
Lithium	mg/kg	28.1	21.3	11.4	31.2	18.4	25.1	26
Magnesium	mg/kg	7610	7330	4450	9210	5770 J E	5380	5360
Manganese	mg/kg	275 J E	356	302 J E	307	271	328	335
Mercury	mg/kg	0.114 U	0.0257 J Z	0.110 U	0.0329 J Z	0.106 U	0.0194 J Z	0.100 U
Molybdenum	mg/kg	0.568	0.431	0.108 U B	0.362	0.317	2.03 J Q	0.475
Nickel	mg/kg	25.2 J E, Q	16.2 J A	15.7 J E, Q	20.5 J A	16	17.5 J Q	18.0 J Q, A
Potassium	mg/kg	3190 J Q	5170	2090 J Q	5170	2800 J Q	3850 J Q	2560 J Q
Silver	mg/kg	0.0345 J Z	0.0405 J Z	0.108 U	0.0384 J Z	0.109 U	0.103 UJ B, Q	0.0203 J Z
Sodium	mg/kg	148	98.1 J Z	115	114	144 J E	72.2 J Z	79.9 J Z
Strontium	mg/kg	101	91.5	160	81.7	197	37.8	38.5
Thallium	mg/kg	0.389 J E, Q	0.257	0.248 J E, Q	0.342	0.321	0.351 J Q	0.295
Tin	mg/kg	11.1 U B	10.4 U B	11.0 U B	10.4 U B	10.9 U B	9.90 U B	10.6 U B
Titanium	mg/kg	649	1080	569	1490	711	1100	918
Antimony	mg/kg	0.182 J Q, E, Z	0.105 J Q, Z	0.105 J Q, E, Z	0.141 J Q, Z	0.106 J Z	0.149 J Q, Z	0.0798 J Q, Z
Arsenic	mg/kg	16.0 J E	5.57 J Q	6.01 J E	8.06 J Q	10.9	7.58 J E, Q	6.25 J Q
Beryllium	mg/kg	0.964 J E, Q	0.591 J Q	0.630 J E, Q	0.757 J Q	0.573	0.69	0.658
Barium	mg/kg	111 J E	74.7 J A	72.8 J E	116 J A	95.8	108 J A	97.4 J E, A
Boron	mg/kg	5.58	10.2	6.87	11.6	7.11	7.63	10.1
Cadmium	mg/kg	0.256 J Q	0.312	0.222 J Q	0.247	0.262	0.235 J Q	0.235
Chromium	mg/kg	29.8 J E, Q	30.1 J Q, A	38.9 J E, Q	32.0 J Q, A	33.5	25.8 J Q	24.0 J Q, A
Cobalt	mg/kg	13.5 J E, Q	8.24 J A	7.99 J E, Q	12.2 J A	9.46	8.91 J Q, A	9.23 J A
Copper	mg/kg	37.9 J E, Q	16.2 J A	10.9 J E, Q	21.7 J A	13.4	14.3 J Q	11.3
Vanadium	mg/kg	58.7 J E	51.5 J A	53.9 J E	64.7 J A	57.3	49.8 J E	44.4 J A
Zinc	mg/kg	114 J E, A	58.7 J A	45.9 J E, A	77.0 J A	54.5	82.8	62.3
Zirconium	mg/kg	8.05	3.21 J Z	5.16 J Z	3.28 J Z	5.71	1.71 J Z	3.77 J Z
Calcium	mg/kg	70600	70400 J E	129000	36200 J E	116000	35400	40700
Phosphorus	mg/kg	582	620	321	678	373	469	443
Selenium	mg/kg	0.234 J Z	0.259 J Z	0.0717 J Z	0.331 J Z	0.236 J Z	0.221 J Z	0.182 J Z
Chromium VI	mg/kg	0.48 J Z	1.1 U	1.4	1.1 U	0.48 J Z	1.0 U	0.43 J Z
Perchlorate (314.0)	ug/kg	34.6 U	31.9 U	33.4 U	32.0 U	33.7 U	30.9 U	32.4 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	13.2	6	10.1	6.3	10.9	2.9	7.3
pH	pH unit	8.11	7.67	8.6	7.72	8.72	8	7.82

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-014-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-014-SA8S-SB-4.0-5.0 10/21/2011 DE277 4 5	SL-014-SA8S-SB-7.0-8.0 10/21/2011 DE277 7 8	SL-015-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-015-SA8S-SB-4.0-5.0 10/21/2011 DE277 4 5	SL-015-SA8S-SB-9.0-10.0 10/21/2011 DE277 9 10	SL-016-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5
Chemical Name	Unit							
Fluoride	mg/kg	1.0 UJ Q	1.8 J Q	1.1 J Q	1.0 UJ Q	1.0 J Q, Z	1.8 J Q	1.1 U
Aluminum	mg/kg	21300	18400 J E	19000 J E	21000	18300 J E	21700 J E	22600
Iron	mg/kg	24200	25500	23500	23400	23200	25200	26200
Lead	mg/kg	14.9 J A	7.86 J Q, A	8.44 J Q, A	11.3 J A	7.59 J Q, A	9.03 J Q, A	14.4 J A
Lithium	mg/kg	23.9	24.6	23.6	22.6	23.2	24.4	21.6
Magnesium	mg/kg	6800	5750	5890	6720	5900	6540	6900
Manganese	mg/kg	402	366	398	451	433	375	462
Mercury	mg/kg	0.0138 J Z	0.106 U	0.108 U B	0.0074 J Z	0.105 U B	0.108 U	0.0294 J Z
Molybdenum	mg/kg	0.531 J Q	0.405	0.109 U B	0.491 J Q	0.385	0.381	0.574
Nickel	mg/kg	21.1 J Q	14.3 J A	15.7 J A	19.2 J Q	15.2 J A	16.2 J A	20.3 J A
Potassium	mg/kg	4610 J Q	2980 J Q	3260 J Q	4370 J Q	3310 J Q	3020 J Q	6450
Silver	mg/kg	0.0994 UJ B, Q	0.0205 J Z	0.0180 J Z	0.103 UJ B, Q	0.0154 J Z	0.0213 J Z	0.0519 J Z
Sodium	mg/kg	94.3 J Z	88.7 J Z	122	115	92.9 J Z	116	86.5 J Z
Strontium	mg/kg	73.1	62.5	107	101	72.6	97.7	28.9
Thallium	mg/kg	0.367 J Q	0.288	0.281	0.356 J Q	0.314	0.284	0.341
Tin	mg/kg	10.4 U B	10.6 U B	10.8 U B	10.2 U B	10.3 U B	11.2 U B	10.4 U B
Titanium	mg/kg	1050	964	963	1070	893	881	1220
Antimony	mg/kg	0.146 J Q, Z	0.0773 J Q, Z	0.113 J Q, Z	0.122 J Q, Z	0.208 UJ Q	0.104 J Q, Z	0.132 J Q, Z
Arsenic	mg/kg	6.92 J E, Q	6.54 J Q	5.73 J Q	6.44 J E, Q	5.76 J Q	6.29 J Q	6.22 J Q
Beryllium	mg/kg	0.748	0.676 J Q	0.659 J Q	0.71	0.619 J Q	0.751 J Q	0.698 J Q
Barium	mg/kg	115 J A	87.1	92.4	105 J A	95.7	91.4	109 J A
Boron	mg/kg	12.2	11.5	11.8	10.9	12.8	12.9	9.38
Cadmium	mg/kg	0.324 J Q	0.203	0.233	0.338 J Q	0.239	0.255	0.396
Chromium	mg/kg	32.3 J Q	24.8 J Q, A	26.1 J Q, A	31.3 J Q	26.2 J Q, A	29.6 J Q, A	28.8 J Q, A
Cobalt	mg/kg	9.79 J Q, A	7.79 J A	7.85 J A	9.63 J Q, A	7.94 J A	8.51 J A	10.1 J A
Copper	mg/kg	19.2 J E, Q	13.3 J A	14.5 J A	18.0 J E, Q	13.2 J A	15.0 J A	19.8 J A
Vanadium	mg/kg	51.4 J E	45.1 J A	45.8 J A	53.2 J E	45.2 J A	51.1 J A	49.4 J A
Zinc	mg/kg	72.3	60.1	58.6	63.8	62.7	59.8	77.5 J A
Zirconium	mg/kg	2.13 J Z	3.69 J Z	4.20 J Z	2.65 J Z	3.57 J Z	4.87 J Z	2.69 J Z
Calcium	mg/kg	68000	60400	110000	96600	72800	92700	12400 J E
Phosphorus	mg/kg	615	490	481	578	512	517	827
Selenium	mg/kg	0.315 J Z	0.245 J Z	0.206 J Z	0.291 J Z	0.224 J Z	0.436 J Z	0.207 J Z
Chromium VI	mg/kg	0.40 J Z	0.24 J Z	1.1 U	1.0 U	1.1 U	0.26 J Z	0.41 J Z
Perchlorate (314.0)	ug/kg	31.3 U	32.3 U	33.0 U	31.4 U	32.5 U	33.6 U	31.3 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	4.2	7.1	9.2	4.4	7.6	10.8	4.1
pH	pH unit	7.87	7.96	8.22	7.74	7.95	7.9	7.69

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J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-016-SA8S-SB-4.0-5.0 10/20/2011 DE273 4 5	SL-017-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-017-SA8S-SB-4.0-5.0 10/21/2011 DE277 4 5	SL-018-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-018-SA8S-SB-4.0-5.0 10/21/2011 DE277 4 5	SL-018-SA8S-SB-7.5-8.5 10/21/2011 DE277 7.5 8.5	SL-019-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5
Chemical Name	Unit							
Fluoride	mg/kg	1.2 J Q	0.93 J Z	1.2 J Q	0.97 J Z	1.5 J Q	1.1 UJ Q	1.0 U
Aluminum	mg/kg	21400 J E	21800	28400 J E	24600	30600 J E	12900 J E	13200
Iron	mg/kg	23900	25800	29700	30100	28600	17400	19800
Lead	mg/kg	6.92 J Q, A	19.2 J A	8.87 J Q, A	13.4 J A	8.34 J Q, A	4.81 J Q, A	8.31 J A
Lithium	mg/kg	24.6	22.9	27.9	24	29.1	23.9	24.2
Magnesium	mg/kg	4600	7270	6630	7380	5660	3170	4070
Manganese	mg/kg	403	497	299	474	315	179	272
Mercury	mg/kg	0.103 U	0.0343 J Z	0.105 U B	0.102 U B	0.111 U B	0.103 U	0.102 U B
Molybdenum	mg/kg	0.49	0.57	0.555	0.504	0.596	0.393	0.459
Nickel	mg/kg	16.1 J A	17.4 J A	17.7 J A	19.3 J A	17.1 J A	7.43 J A	9.48 J A
Potassium	mg/kg	3940 J Q	6270	3490 J Q	6280	2950 J Q	1680 J Q	3000
Silver	mg/kg	0.0377 J Z	0.0746 J Z	0.0315 J Z	0.0484 J Z	0.0334 J Z	0.0258 J Z	0.0234 J Z
Sodium	mg/kg	83.0 J Z	88.5 J Z	94.3 J Z	86.8 J Z	84.3 J Z	73.6 J Z	57.7 J Z
Strontium	mg/kg	21.1	27.8	22	37.8	21.8	21.2	8.34
Thallium	mg/kg	0.313	0.284	0.291	0.306	0.357	0.242	0.254
Tin	mg/kg	11.0 U B	10.3 U B	10.8 U B	10.2 U B	11.0 U B	10.8 U B	9.83 U B
Titanium	mg/kg	1150	1210	1200	1200	1190	986	1020
Antimony	mg/kg	0.211 UJ Q	0.151 J Q, Z	0.138 J Q, Z	0.120 J Q, Z	0.115 J Q, Z	0.212 UJ Q	0.0723 J Q, Z
Arsenic	mg/kg	5.12 J Q	5.77 J Q	6.70 J Q	6.24 J Q	7.40 J Q	6.24 J Q	6.79 J Q
Beryllium	mg/kg	0.735 J Q	0.626 J Q	0.757 J Q	0.690 J Q	0.920 J Q	0.519 J Q	0.476 J Q
Barium	mg/kg	116	107 J A	74.8	107 J A	122	77.2	74.6 J A
Boron	mg/kg	9.65	10.1	11.5	8.97	10.9	3.99 J Z	1.70 J Z
Cadmium	mg/kg	0.176	0.398	0.159	0.402	0.0985 J Z	0.106 U	0.153
Chromium	mg/kg	22.5 J Q, A	26.3 J Q, A	28.5 J Q, A	30.0 J Q, A	28.6 J Q, A	12.7 J Q, A	14.3 J Q, A
Cobalt	mg/kg	8.16 J A	9.05 J A	9.96 J A	9.73 J A	8.56 J A	5.54 J A	5.64 J A
Copper	mg/kg	12.1 J A	18.5 J A	15.0 J A	19.2 J A	12.7 J A	6.42 J A	7.44 J A
Vanadium	mg/kg	43.7 J A	44.7 J A	48.3 J A	51.0 J A	55.5 J A	31.5 J A	30.6 J A
Zinc	mg/kg	62	83.1 J A	68.2	73.9 J A	59.7	48.7	55.7 J A
Zirconium	mg/kg	4.78 J Z	2.97 J Z	6.32	3.05 J Z	5.59	3.02 J Z	1.50 J Z
Calcium	mg/kg	11200	11400 J E	5480	20800 J E	14300 J FD	8290	3480 J E
Phosphorus	mg/kg	300	864	399	840	187	358	348
Selenium	mg/kg	0.0647 J Z	0.230 J Z	0.233 J Z	0.194 J Z	0.0883 J FD, Z	0.423 U	0.125 J Z
Chromium VI	mg/kg	3.1	1.0 U	0.44 J Z	1.1 U	0.24 J FD, Z	1.1 U	0.41 J Z
Perchlorate (314.0)	ug/kg	32.9 U	32.3 U	32.9 U	31.3 U	33.5 U	32.4 U	30.7 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	8.8	7.2	8.9	4.1	10.5	7.4	2.2
pH	pH unit	8.17	7.56	6.89	7.44	7.87	8.33	6.52

U - Compound not detected above the reporting limit
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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-019-SA8S-SB-4.0-5.0 12/02/2011 DE292 4 5	SL-020-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-020-SA8S-SB-4.0-5.0 12/02/2011 DE292 4 5	SL-020-SA8S-SB-9.0-10.0 12/02/2011 DE292 9 10	SL-021-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-021-SA8S-SB-4.0-5.0 12/02/2011 DE292 4 5	SL-021-SA8S-SB-9.0-10.0 12/02/2011 DE292 9 10
Chemical Name	Unit							
Fluoride	mg/kg	1.1 UJ FD	1.1 U	0.94 J Z	4.8	1.1 UJ Q	3	5.4
Aluminum	mg/kg	11500	20400	21100	22800	25600	20200	20700
Iron	mg/kg	22700	27100	26000	27500	31400	23300	24800
Lead	mg/kg	5.09 J A	23.0 J A	11.2 J A	11.4 J A	12.8 J A	9.62 J A	12.6 J A
Lithium	mg/kg	23.1	20.6	21.3	25	23.9	22.3	22.9
Magnesium	mg/kg	4390	7010	7170	6900	7600	6240	6190
Manganese	mg/kg	321	395	357	394	375	403	390
Mercury	mg/kg	0.0985 U	0.104 U B	0.104 U	0.105 U	0.0199 J Z	0.109 U	0.0107 J Z
Molybdenum	mg/kg	0.104 U B	0.427	0.111 U B	0.109 U B	0.383	0.108 U B	0.68
Nickel	mg/kg	8.55	16.5 J A	20.5	22.7	16.2 J A	20.5	28.5
Potassium	mg/kg	2470	5050	3670	3140	5560	3220	2500
Silver	mg/kg	0.104 U	0.0311 J Z	0.0273 J Z	0.0297 J Z	0.0342 J Z	0.0356 J Z	0.0276 J Z
Sodium	mg/kg	63.9 J Z	115	113	142	95.7 J Z	200	368
Strontium	mg/kg	7.27	135	128	91	58.9	98.9	92.6
Thallium	mg/kg	0.288	0.273	0.285	0.302	0.262	0.324	0.383
Tin	mg/kg	10.5 U B	10.4 U B	11.2 U B	11.0 U B	10.6 U B	10.9 U B	10.8 U B
Titanium	mg/kg	1190	1010	922	1020	1100	932	1030
Antimony	mg/kg	0.208 UJ Q	0.182 J Q, Z	0.135 J Q, Z	0.151 J Q, Z	0.105 J Q, Z	0.128 J Q, Z	0.150 J Q, Z
Arsenic	mg/kg	6.63 J Q	5.97 J Q	7.01 J Q	7.19 J Q	5.44 J Q	6.28 J Q	8.32 J Q
Beryllium	mg/kg	0.599	0.581 J Q	0.83	0.857	0.562 J Q	0.906	0.967
Barium	mg/kg	87.0 J A	79.5 J A	90.2 J A	99.0 J A	88.1 J A	107 J A	189 J A
Boron	mg/kg	5.26 U	9.51	8.36	6.8	10.4	7.84	6.42
Cadmium	mg/kg	0.0592 J FD, Z	0.346	0.322	0.35	0.357	0.33	0.472
Chromium	mg/kg	13.9 J A	27.1 J Q, A	33.5 J A	36.8 J A	31.0 J Q, A	36.0 J A	45.7 J A
Cobalt	mg/kg	7.70 J A	8.63 J A	10.2 J A	12.7 J A	7.51 J A	10.5 J A	14.7 J A
Copper	mg/kg	7.4	18.0 J A	21.2	20.3	15.9 J A	17.2	22.8
Vanadium	mg/kg	31.6 J Q, A	44.8 J A	56.9 J Q, A	61.9 J Q, A	51.1 J A	61.7 J Q, A	78.9 J Q, A
Zinc	mg/kg	67.2 J A	63.1 J A	61.3 J A	65.6 J A	61.2 J A	60.6 J A	74.5 J A
Zirconium	mg/kg	2.17 J Z	3.21 J Z	4.69 J Z	5.66	3.92 J Z	4.14 J Z	6.18
Calcium	mg/kg	3680 J E	109000 J E	101000 J E	80900 J E	48700 J E	116000 J E	117000 J E
Phosphorus	mg/kg	472	544	576	432	706	502	396
Selenium	mg/kg	0.107 J Z	0.235 J Z	0.217 J Z	0.206 J Z	0.201 J Z	0.206 J Z	0.256 J Z
Chromium VI	mg/kg	1.1 U	0.73 J Z	0.32 J Z	0.24 J Z	0.77 J Z	0.28 J Z	0.26 J Z
Perchlorate (314.0)	ug/kg	31.6 U	32.2 U	33.9 U	33.4 U	32.1 U	33.6 U	33.4 U
Perchlorate (6850)	ug/kg	--	--	5.6 U	--	--	--	--
Percent Moisture	%	5	6.8	11.5	10.2	6.6	10.6	10.2
pH	pH unit	7.91	7.29	8.38	8.37	7.61	8.45	8.66

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-022-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-022-SA8S-SB-4.0-5.0 12/01/2011 DE291 4 5	SL-022-SA8S-SB-8.0-9.0 12/01/2011 DE291 8 9	SL-023-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-023-SA8S-SB-4.0-5.0 12/01/2011 DE291 4 5	SL-023-SA8S-SB-9.0-10.0 12/01/2011 DE291 9 10	SL-024-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5
Chemical Name	Unit							
Fluoride	mg/kg	1.0 J Q	1.7	2.5	0.92 J Q, Z	1.8	5.6	0.99 J Q, Z
Aluminum	mg/kg	20600	21700	28300	23800	25900	19300	19800
Iron	mg/kg	23300	29000	38800	25200	33500	25200	25200
Lead	mg/kg	11.9 J A	11.6 J E, Q	12.6 J E, Q	16.7 J A	26.8 J E, Q	9.32 J E, Q	16.7 J A
Lithium	mg/kg	22.4	31.8	43.9	23.1	34.1	26.7	25.5
Magnesium	mg/kg	6650	8070	10900	7060	9040	6940	6680
Manganese	mg/kg	285	298	303	347	319	247	330
Mercury	mg/kg	0.0281 J Z	0.0080 J Z	0.105 U	0.0248 J Z	0.107 U	0.108 U	0.0193 J Z
Molybdenum	mg/kg	0.311	0.358 J E, Q	0.453 J E, Q	0.399	0.108 UJ E, B, Q	0.109 UJ E, B, Q	0.324 J Q
Nickel	mg/kg	15.2 J A	20.6 J Q, E	22.6 J Q, E	17.5 J A	44.6 J Q, E	18.7 J Q, E	18.9 J Q
Potassium	mg/kg	4270	2680	4210	5120	4040	3320	4220 J Q
Silver	mg/kg	0.0264 J Z	0.0190 J Q, E, Z	0.113 UJ E	0.0485 J Z	0.0463 J Q, E, Z	0.0276 J Q, E, Z	0.104 UJ B, Q
Sodium	mg/kg	112	106 J Z	149	94.3 J Z	138	212	104 J Z
Strontium	mg/kg	138	121	101	96.3	128	172	106
Thallium	mg/kg	0.243	0.328 J Q, E	0.414 J Q, E	0.289	0.760 J Q, E	0.287 J Q, E	0.330 J Q
Tin	mg/kg	10.4 U B	11.0 U B	11.3 U B	10.2 U B	11.0 U B	10.9 U B	10.5 U B
Titanium	mg/kg	1020	947	1290	1200	1290	822	980
Antimony	mg/kg	0.120 J Q, Z	0.223 UJ Q	0.225 UJ B, Q	0.134 J Q, Z	0.216 UJ B, Q	0.217 UJ B, Q	0.113 J Q, Z
Arsenic	mg/kg	6.00 J Q	6.96 J Q, E	8.39 J Q, E	6.80 J Q	14.7 J Q, E	5.97 J Q, E	6.35 J E, Q
Beryllium	mg/kg	0.547 J Q	0.759 J Q, E	0.816 J Q, E	0.617 J Q	1.14 J Q, E	0.677 J Q, E	0.684
Barium	mg/kg	73.7 J A	88.3 J E	110 J E	87.5 J A	130 J E	98.0 J E	98.8 J A
Boron	mg/kg	7.64	9.6	13	10.6	11.3	9.4	11.2
Cadmium	mg/kg	0.324	0.255 J Q, E	0.178 J Q, E	0.384	0.326 J Q, E	0.293 J Q, E	0.263 J Q
Chromium	mg/kg	34.0 J Q, A	32.3 J Q, E, A	32.6 J Q, E, A	31.4 J Q, A	57.9 J Q, E, A	39.3 J Q, E, A	34.8 J Q
Cobalt	mg/kg	7.64 J A	11.6 J Q, E, A	14.1 J Q, E, A	8.67 J A	22.6 J Q, E, A	8.87 J Q, E, A	9.74 J Q, A
Copper	mg/kg	14.8 J A	22.7 J E, Q	28.7 J E, Q	15.8 J A	59.0 J E, Q	15.2 J E, Q	18.4 J E, Q
Vanadium	mg/kg	53.2 J A	61.3 J Q, E	65.4 J Q, E	53.8 J A	123 J Q, E	65.8 J Q, E	59.0 J E
Zinc	mg/kg	58.8 J A	73.5 J E, A	85.2 J E, A	62.8 J A	186 J E, A	61.2 J E, A	64.6
Zirconium	mg/kg	4.98 J Z	7.88	8.6	2.23 J Z	9.49	6.93	3.31 J Z
Calcium	mg/kg	100000 J E	102000	54300	95500 J E	70400	97900	109000
Phosphorus	mg/kg	489	444 J Q	500 J Q	642	608 J Q	437 J Q	500
Selenium	mg/kg	0.249 J Z	0.445 UJ B, Q	0.450 UJ B, Q	0.266 J Z	0.433 UJ B, Q	0.453 J Q	0.631
Chromium VI	mg/kg	0.82 J Z	0.63 J Z	1.5	0.34 J Z	0.32 J Z	0.28 J Z	0.73 J Z
Perchlorate (314.0)	ug/kg	31.8 U	33.7 U	34.1 U	31.8 U	34.1 U	33.2 U	31.4 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	5.7	11.1	12	5.8	12	9.7	4.4
pH	pH unit	7.64	8.36	8.35	7.59	8.4	8.52	7.6

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-024-SA8S-SB-4.0-5.0 11/16/2011 DE287 4 5	SL-024-SA8S-SB-7.0-8.0 11/16/2011 DE287 7 8
Chemical Name	Unit		
Fluoride	mg/kg	1.0 J Q, Z	1.3 J Q
Aluminum	mg/kg	14300	18700
Iron	mg/kg	20800 J Q	30500 J Q
Lead	mg/kg	6.58 J Q, A	10.7 J Q, A
Lithium	mg/kg	21.5	30
Magnesium	mg/kg	5150	6500
Manganese	mg/kg	296	246
Mercury	mg/kg	0.106 U	0.0106 J Z
Molybdenum	mg/kg	0.112 U B	0.109 U B
Nickel	mg/kg	14.3 J Q, A	23.4 J Q, A
Potassium	mg/kg	2800 J Q	3350 J Q
Silver	mg/kg	0.112 U	0.0176 J Z
Sodium	mg/kg	123	123
Strontium	mg/kg	128	122
Thallium	mg/kg	0.267	0.409
Tin	mg/kg	10.9 U B	11.0 U B
Titanium	mg/kg	518	624
Antimony	mg/kg	0.225 UJ Q	0.0969 J Q, Z
Arsenic	mg/kg	5.01 J Q	8.53 J Q
Beryllium	mg/kg	0.629	0.844
Barium	mg/kg	67.0 J E, A	94.0 J E, A
Boron	mg/kg	11.8	13.1
Cadmium	mg/kg	0.205	0.336
Chromium	mg/kg	31.7 J Q, A	40.5 J Q, A
Cobalt	mg/kg	7.51 J A	15.6 J A
Copper	mg/kg	10.1	13.1
Vanadium	mg/kg	44.8 J A	65.1 J A
Zinc	mg/kg	44.2	67.1
Zirconium	mg/kg	4.81 J Z	5.54
Calcium	mg/kg	109000	92400
Phosphorus	mg/kg	397	462
Selenium	mg/kg	0.192 J Z	0.217 J Z
Chromium VI	mg/kg	0.47 J Z	0.43 J Z
Perchlorate (314.0)	ug/kg	33.7 U	34.4 U
Perchlorate (6850)	ug/kg	--	--
Percent Moisture	%	11	12.7
pH	pH unit	8.71	7.33

Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA8S-SS-0.0-0.5 09/29/2011 DX147 0 0.5	SL-001-SA8S-SB-4.0-5.0 11/18/2011 DX155 4 5	SL-003-SA8S-SS-0.0-0.5 09/29/2011 DX147 0 0.5	SL-005-SA8S-SS-0.0-0.5 09/29/2011 DX147 0 0.5	SL-005-SA8S-SB-3.5-4.5 11/15/2011 DX155 3.5 4.5	SL-007-SA8S-SS-0.0-0.5 09/29/2011 DX147 0 0.5	SL-007-SA8S-SB-4.0-5.0 11/15/2011 DX155 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.06 U	0.0547 J Z	1.02 U	1.02 U	0.0502 J Z	1.03 U	1.12 U
1,2,3,7,8,9-HxCDD	ng/kg	5.28 U B	5.58 U B	0.163 J Z	5.09 U B	5.53 U B	5.14 U B	5.62 U B
OCDD	ng/kg	19.3	11.2 U B	18.7	5.28 J Z	11.1 U B	30	11.2 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	2.77 J Z	5.58 U B	2.71 J Z	5.09 U B	5.53 U B	2.29 J Z	5.62 U B
OCDF	ng/kg	1.15 J Z	11.2 U B	10.2 U B	10.2 U B	11.1 U B	10.3 U B	11.2 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.0733 J Z	5.58 U B	0.0692 J Z	0.0315 J Z	5.53 U	0.0397 J Z	5.62 U B
1,2,3,7,8-PeCDD	ng/kg	0.0599 J Z	0.0784 J Z	0.0765 J Z	0.0587 J Z	5.53 U	0.0474 J Z	5.62 U
2,3,7,8-TCDF	ng/kg	1.06 U B	0.0395 J Z	0.196 J Z	1.02 U	1.11 U	1.03 U B	1.12 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.28 U B	5.58 U B	5.09 U B	5.09 U B	5.53 U B	5.14 U B	5.62 U B
2,3,4,7,8-PeCDF	ng/kg	0.381 J Z	5.58 U B	0.317 J Z	5.09 U B	5.53 U B	5.14 U B	5.62 U B
1,2,3,7,8-PeCDF	ng/kg	5.28 U B	5.58 U B	5.09 UJ FD	5.09 U B	5.53 U B	5.14 U	5.62 U
1,2,3,6,7,8-HxCDF	ng/kg	0.133 J Z	5.58 U B	5.09 U B	5.09 U B	5.53 U B	5.14 U B	5.62 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.28 U B	5.58 U B	5.09 U B	5.09 U B	5.53 U B	5.14 U B	5.62 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.28 U B	5.58 U B	5.09 U B	5.09 U B	5.53 U B	5.14 U B	5.62 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	0.592 J Z	5.58 U B	0.574 J Z	5.09 U B	5.53 U B	0.474 J Z	5.62 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.288 J Z	5.58 U B	0.220 J Z	0.0398 J Z	5.53 U B	0.0598 J Z	5.62 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.28 U B	5.58 U B	5.09 UJ FD	5.09 U B	5.53 U B	5.14 U B	5.62 U B
Aroclor 1260	ug/kg	2.2	1.9 U	1.8 UJ FD	1.7 U	1.9 U	1.8 U	2.0 U
Aroclor 1254	ug/kg	3.2	1.9 U	1.8 U	1.7 U	1.9 U	1.8 U	2.0 U
Aroclor 1268	ug/kg	1.8 U	1.9 U	1.8 U	1.7 U	1.9 U	1.8 U	2.0 U
Aroclor 1221	ug/kg	1.8 U	1.9 U	1.8 U	1.7 U	1.9 U	1.8 U	2.0 U
Aroclor 5460	ug/kg	2.8 J Z	3.7 U	3.4 U	3.4 U	3.7 UJ E	3.4 U	3.8 UJ E
Aroclor 1232	ug/kg	1.8 U	1.9 U	1.8 U	1.7 U	1.9 U	1.8 U	2.0 U
Aroclor 5442	ug/kg	3.5 U	3.7 U	3.4 U	3.4 U	3.7 UJ E	3.4 U	3.8 UJ E
Aroclor 1248	ug/kg	1.8 U	0.49 J Z	1.8 U	1.7 U	1.9 U	1.8 U	2.0 U
Aroclor 1016	ug/kg	1.8 U	1.9 U	1.8 U	1.7 U	1.9 U	1.8 U	2.0 U
Aroclor 1262	ug/kg	1.8 U	1.9 U	1.8 U	1.7 U	1.9 U	1.8 U	2.0 U
Aroclor 1242	ug/kg	1.8 U	1.9 U	1.8 U	1.7 U	1.9 U	1.8 U	2.0 U
Aroclor 5432	ug/kg	3.5 U	3.7 U	3.4 U	3.4 U	3.7 UJ E	3.4 U	3.8 UJ E

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Appendix A8
PCBs and Dioxins - Validated Data
HSA-8S

Sample Name Sample Date SDG Start Depth End Depth		SL-008-SA8S-SS-0.0-0.5 09/30/2011 DX145 0 0.5	SL-008-SA8S-SB-2.0-3.0 11/17/2011 DX155 2 3	SL-009-SA8S-SS-0.0-0.5 09/30/2011 DX145 0 0.5	SL-009-SA8S-SB-4.0-5.0 11/16/2011 DX155 4 5	SL-009-SA8S-SB-7.0-8.0 11/16/2011 DX155 7 8	SL-010-SA8S-SS-0.0-0.5 09/30/2011 DX145 0 0.5	SL-010-SA8S-SB-4.0-5.0 11/16/2011 DX155 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0366 J Z	1.07 U	1.04 U	0.0695 J Z	1.07 U	0.0495 J Z	1.13 U
1,2,3,7,8,9-HxCDD	ng/kg	0.269 J Z	5.36 U	0.164 J Z	5.45 U B	5.35 U B	0.296 J Z	5.65 U B
OCDD	ng/kg	32	10.7 U B	18	10.9 U B	10.7 U B	35.5	3.28 J Z
1,2,3,4,6,7,8-HpCDD	ng/kg	4.59 J Z	5.36 U B	2.62 J Z	5.45 U B	5.35 U B	5.41	5.65 U B
OCDF	ng/kg	1.84 J Z	10.7 U B	10.4 U B	10.9 U B	10.7 U B	1.93 J Z	11.3 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.148 J Z	5.36 U	0.0738 J Z	5.45 U B	5.35 U B	0.115 J Z	5.65 U B
1,2,3,7,8-PeCDD	ng/kg	0.118 J Z	5.36 U	0.0440 J Z	0.0806 J Z	5.35 U	0.187 J Z	0.0375 J Z
2,3,7,8-TCDF	ng/kg	0.658 J Z	1.07 U	0.173 J Z	0.0375 J Z	1.07 U	0.851 J Z	0.0471 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.34 U B	5.36 U B	5.21 U B	5.45 U B	5.35 U B	5.21 U B	5.65 U B
2,3,4,7,8-PeCDF	ng/kg	1.64 J Z	5.36 U B	0.403 J Z	5.45 U B	5.35 U B	1.10 J Z	5.65 U B
1,2,3,7,8-PeCDF	ng/kg	0.222 J Z	5.36 U B	5.21 U B	5.45 U B	5.35 U B	0.271 J Z	5.65 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.34 U B	5.36 U B	5.21 U B	5.45 U B	5.35 U B	5.21 U B	5.65 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.304 J Z	5.36 U B	5.21 U B	5.45 U B	5.35 U B	0.430 J Z	5.65 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.34 U B	5.36 U B	5.21 U B	5.45 U B	5.35 U B	5.21 U B	5.65 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	1.32 J Z	5.36 U B	5.21 U B	5.45 U B	5.35 U B	1.31 J Z	5.65 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.474 J Z	5.36 U B	5.21 U B	5.45 U B	5.35 U B	0.449 J Z	5.65 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.34 U B	5.36 U B	5.21 U B	5.45 U B	5.35 U B	5.21 U B	5.65 U
Aroclor 1260	ug/kg	2.4	1.8 U	1.8 U	1.9 U	1.8 U	3.3	2.0 U
Aroclor 1254	ug/kg	3.6	1.8 U	1.8 U	1.9 U	1.8 U	5.4	2.0 U
Aroclor 1268	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2.0 U
Aroclor 1221	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2.0 U
Aroclor 5460	ug/kg	3.2 J Z	3.6 UJ E	3.5 U	3.8 UJ E	3.6 UJ E	5.5	3.8 UJ E
Aroclor 1232	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2.0 U
Aroclor 5442	ug/kg	3.5 U	3.6 UJ E	3.5 U	3.8 UJ E	3.6 UJ E	3.5 U	3.8 UJ E
Aroclor 1248	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2.0 U
Aroclor 1016	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2.0 U
Aroclor 1262	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2.0 U
Aroclor 1242	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	2.0 U
Aroclor 5432	ug/kg	3.5 U	3.6 UJ E	3.5 U	3.8 UJ E	3.6 UJ E	3.5 U	3.8 UJ E

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-010-SA8S-SB-8.5-9.5 11/16/2011 DX155 8.5 9.5	SL-011-SA8S-SS-0.0-0.5 09/30/2011 DX145 0 0.5	SL-011-SA8S-SB-4.0-5.0 11/17/2011 DX155 4 5	SL-012-SA8S-SS-0.0-0.5 09/30/2011 DX145 0 0.5	SL-012-SA8S-SB-4.0-5.0 11/18/2011 DX155 4 5	SL-013-SA8S-SS-0.0-0.5 09/29/2011 DX147 0 0.5	SL-013-SA8S-SB-4.0-5.0 11/14/2011 DX155 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.12 U	1.06 U	1.11 U	1.05 U	1.10 U	1.03 U	1.07 U
1,2,3,7,8,9-HxCDD	ng/kg	5.60 U B	0.268 J Z	5.55 U B	0.202 J Z	5.52 U B	0.289 J Z	5.35 U B
OCDD	ng/kg	11.2 U B	43.9	11.1 U B	26.4	11.0 U B	14.2	10.7 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.60 U B	5.79	5.55 U B	3.22 J Z	5.52 U B	2.17 J Z	5.35 U B
OCDF	ng/kg	11.2 U B	1.89 J Z	11.1 U B	1.62 J Z	11.0 U B	1.27 J Z	10.7 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.60 U B	0.109 J Z	5.55 U B	0.141 J Z	5.52 U B	0.224 J Z	5.35 U
1,2,3,7,8-PeCDD	ng/kg	5.60 U	0.124 J Z	5.55 U	0.0769 J Z	0.0619 J Z	0.188 J Z	5.35 U
2,3,7,8-TCDF	ng/kg	0.0390 J Z	0.451 J Z	0.0609 J Z	0.195 J Z	0.0343 J Z	1.03 U B	1.07 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.60 U B	5.29 U B	5.55 U B	5.27 U B	5.52 U B	0.211 J Z	5.35 U B
2,3,4,7,8-PeCDF	ng/kg	5.60 U B	5.29 U B	5.55 U B	5.27 U B	5.52 U B	0.601 J Z	5.35 U
1,2,3,7,8-PeCDF	ng/kg	5.60 U	0.167 J Z	5.55 U B	0.144 J Z	5.52 U B	0.268 J Z	5.35 U
1,2,3,6,7,8-HxCDF	ng/kg	5.60 U	5.29 U B	5.55 U B	5.27 U B	5.52 U B	0.372 J Z	5.35 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.60 U	0.320 J Z	5.55 U B	5.27 U B	5.52 U	0.253 J Z	5.35 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.60 U B	5.29 U B	5.55 U B	5.27 U B	5.52 U B	0.311 J Z	5.35 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.60 U B	1.21 J Z	5.55 U B	5.27 U B	5.52 U B	0.756 J Z	5.35 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.60 U B	5.29 U B	5.55 U B	5.27 U B	5.52 U B	0.438 J Z	5.35 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.60 U B	5.29 U B	5.55 U	5.27 U B	5.52 U B	0.222 J Z	5.35 U B
Aroclor 1260	ug/kg	2.0 U	1.8 U	1.9 U	2.2	1.9 U	1.6 J Z	1.8 U
Aroclor 1254	ug/kg	2.0 U	1.8 U	1.9 U	14	1.9 U	1.5 J Z	1.8 U
Aroclor 1268	ug/kg	2.0 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 1221	ug/kg	2.0 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 5460	ug/kg	3.8 UJ E	3.5 U	3.7 UJ E	2.4 J Z	3.7 U	2.5 J Z	3.6 UJ E
Aroclor 1232	ug/kg	2.0 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 5442	ug/kg	3.8 UJ E	3.5 U	3.7 UJ E	3.5 U	3.7 U	3.4 U	3.6 UJ E
Aroclor 1248	ug/kg	2.0 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 1016	ug/kg	2.0 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 1262	ug/kg	2.0 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 1242	ug/kg	2.0 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 5432	ug/kg	3.8 UJ E	3.5 U	3.7 UJ E	3.5 U	3.7 U	3.4 U	3.6 UJ E

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-014-SA8S-SS-0.0-0.5 09/29/2011 DX147 0 0.5	SL-014-SA8S-SB-4.0-5.0 10/21/2011 DX152 4 5	SL-014-SA8S-SB-7.0-8.0 10/21/2011 DX152 7 8	SL-015-SA8S-SS-0.0-0.5 09/29/2011 DX147 0 0.5	SL-015-SA8S-SB-4.0-5.0 10/21/2011 DX152 4 5	SL-015-SA8S-SB-9.0-10.0 10/21/2011 DX152 9 10	SL-016-SA8S-SS-0.0-0.5 09/30/2011 DX145 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.04 U	1.06 U B	1.08 U B	1.03 U	0.0439 J Z	1.10 U	0.0659 J Z
1,2,3,7,8,9-HxCDD	ng/kg	0.210 J Z	5.28 U B	5.40 U B	5.14 U B	5.39 U B	5.48 U B	0.350 J Z
OCDD	ng/kg	64.7	10.6 U B	10.8 U B	86.6	10.8 U B	11.0 U B	21.4
1,2,3,4,6,7,8-HpCDD	ng/kg	6.2	5.28 U B	5.40 U B	5.08 J Z	5.39 U B	5.48 U B	3.04 J Z
OCDF	ng/kg	1.33 J Z	10.6 U B	10.8 U B	10.3 U B	10.8 U B	11.0 U B	1.31 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.194 J Z	5.28 U B	5.40 U B	5.14 U B	5.39 U B	5.48 U B	0.0844 J Z
1,2,3,7,8-PeCDD	ng/kg	0.164 J Z	5.28 U B	5.40 U B	5.14 U B	0.142 J Z	5.48 U B	0.140 J Z
2,3,7,8-TCDF	ng/kg	1.04 U B	1.06 U B	1.08 U B	0.0580 J Z	0.0507 J Z	1.10 U B	0.498 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.20 U B	5.28 U B	5.40 U B	5.14 U B	0.0393 J Z	5.48 U B	5.14 U B
2,3,4,7,8-PeCDF	ng/kg	0.409 J Z	5.28 U B	5.40 U B	5.14 U B	5.39 U B	5.48 U B	0.640 J Z
1,2,3,7,8-PeCDF	ng/kg	0.220 J Z	5.28 U B	5.40 U B	5.14 U B	5.39 U B	5.48 U B	0.590 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.172 J Z	5.28 U B	5.40 U B	5.14 U B	5.39 U B	5.48 U B	5.14 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.247 J Z	5.28 U B	5.40 U B	0.169 J Z	5.39 U B	5.48 U B	0.267 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.20 U B	5.28 U B	5.40 U B	5.14 U B	5.39 U B	5.48 U B	5.14 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	0.690 J Z	5.28 U B	5.40 U B	5.14 U B	5.39 U B	5.48 U B	5.14 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.220 J Z	5.28 U B	5.40 U B	5.14 U B	5.39 U B	5.48 U B	0.417 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.20 U	5.28 U B	5.40 U B	0.0687 J Z	5.39 U B	5.48 U B	5.14 U B
Aroclor 1260	ug/kg	2	1.8 U	1.9 U	0.55 J Z	1.8 U	1.9 U	2.8
Aroclor 1254	ug/kg	1.4 J Z	1.8 U	1.9 U	1.8 U	0.59 J L, Z	1.9 U	6.8
Aroclor 1268	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U
Aroclor 1221	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U
Aroclor 5460	ug/kg	1.4 J Z	3.5 UJ E	3.6 UJ E	3.5 U	3.6 UJ E	3.7 UJ E	1.4 J Z
Aroclor 1232	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U
Aroclor 5442	ug/kg	3.4 U	3.5 UJ E	3.6 UJ E	3.5 U	3.6 UJ E	3.7 UJ E	3.4 U
Aroclor 1248	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.1 J Z
Aroclor 1016	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U
Aroclor 1262	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U
Aroclor 1242	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U
Aroclor 5432	ug/kg	3.4 U	3.5 UJ E	3.6 UJ E	3.5 U	3.6 UJ E	3.7 UJ E	3.4 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-016-SA8S-SB-4.0-5.0 10/20/2011 DX150 4 5	SL-017-SA8S-SS-0.0-0.5 09/30/2011 DX145 0 0.5	SL-017-SA8S-SB-4.0-5.0 10/21/2011 DX152 4 5	SL-018-SA8S-SS-0.0-0.5 09/30/2011 DX145 0 0.5	SL-018-SA8S-SB-4.0-5.0 10/21/2011 DX152 4 5	SL-018-SA8S-SB-7.5-8.5 10/21/2011 DX152 7.5 8.5	SL-019-SA8S-SS-0.0-0.5 09/30/2011 DX145 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.09 U	0.0382 J Z	1.06 U	1.02 U	1.11 U	1.07 U	1.02 U
1,2,3,7,8,9-HxCDD	ng/kg	5.44 U B	0.343 J Z	5.31 U B	0.278 J Z	5.56 UJ FD	5.34 U B	0.0989 J Z
OCDD	ng/kg	10.9 U B	34.3	10.6 U B	36.1	11.1 UJ B, FD	10.7 U B	9.43 J Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.44 U B	4.94 J Z	5.31 U B	4.00 J Z	5.56 U B	5.34 U B	1.64 J Z
OCDF	ng/kg	10.9 U B	2.14 J Z	10.6 U B	2.24 J Z	11.1 U B	10.7 U B	10.2 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.44 U B	0.123 J Z	5.31 U	0.102 J Z	5.56 UJ B, FD	5.34 U B	0.0545 J Z
1,2,3,7,8-PeCDD	ng/kg	5.44 U	0.139 J Z	5.31 U	0.0931 J Z	5.56 UJ FD	5.34 U B	0.0518 J Z
2,3,7,8-TCDF	ng/kg	1.09 U	0.699 J Z	1.06 U	9.38	1.11 U	1.07 U	1.02 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.44 U B	5.22 U B	5.31 U B	0.617 J Z	5.56 U B	5.34 U B	5.08 U B
2,3,4,7,8-PeCDF	ng/kg	5.44 U B	0.350 J Z	5.31 U B	5.72	5.56 U B	5.34 U B	0.361 J Z
1,2,3,7,8-PeCDF	ng/kg	5.44 U B	0.326 J Z	5.31 U B	8.38	5.56 UJ FD	5.34 U B	5.08 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.44 U B	0.316 J Z	5.31 U B	1.61 J Z	5.56 U B	5.34 U B	5.08 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.44 U	0.345 J Z	5.31 U B	0.274 J Z	5.56 UJ FD	5.34 U B	5.08 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.44 U B	0.450 J Z	5.31 U B	1.40 J Z	5.56 UJ B, FD	5.34 U B	5.08 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.44 U B	1.12 J Z	5.31 U B	1.50 J Z	5.56 U B	5.34 U B	5.08 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.0636 J Z	0.488 J Z	5.31 U B	6.21	5.56 UJ B, FD	5.34 U B	5.08 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.44 U B	5.22 U B	5.31 U B	0.718 J Z	5.56 UJ FD	5.34 U B	5.08 U B
Aroclor 1260	ug/kg	1.9 U	6.4	1.9 U	220	0.80 J FD, S, L, Z	1.1 J S, L, Z	1.7 U
Aroclor 1254	ug/kg	1.9 U	8.9	1.9 U	1500	1.9 J FD, S, L	5.5 J S, L	1.7 U
Aroclor 1268	ug/kg	1.9 U	1.8 U	1.9 U	180 U	1.9 U	1.8 U	1.7 U
Aroclor 1221	ug/kg	1.9 U	1.8 U	1.9 U	180 U	1.9 U	1.8 U	1.7 U
Aroclor 5460	ug/kg	3.6 UJ E	2.3 J Z	3.6 UJ E	340 U	3.7 UJ E	3.6 UJ E	3.4 U
Aroclor 1232	ug/kg	1.9 U	1.8 U	1.9 U	180 U	1.9 U	1.8 U	1.7 U
Aroclor 5442	ug/kg	3.6 UJ E	3.6 U	3.6 UJ E	340 U	3.7 UJ E	3.6 UJ E	3.4 U
Aroclor 1248	ug/kg	1.9 U	1.5 J Z	1.9 U	500	0.51 J FD, S, L, Z	1.8 U	1.7 U
Aroclor 1016	ug/kg	1.9 U	1.8 U	1.9 U	180 U	1.9 U	1.8 U	1.7 U
Aroclor 1262	ug/kg	1.9 U	1.8 U	1.9 U	180 U	1.9 U	1.8 U	1.7 U
Aroclor 1242	ug/kg	1.9 U	1.8 U	1.9 U	180 U	1.9 U	1.8 U	1.7 U
Aroclor 5432	ug/kg	3.6 UJ E	3.6 U	3.6 UJ E	340 U	3.7 UJ E	3.6 UJ E	3.4 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Appendix A8
PCBs and Dioxins - Validated Data
HSA-8S

Sample Name Sample Date SDG Start Depth End Depth		SL-019-SA8S-SB-4.0-5.0 12/02/2011 DX157 4 5	SL-020-SA8S-SS-0.0-0.5 09/30/2011 DX145 0 0.5	SL-020-SA8S-SB-4.0-5.0 12/02/2011 DX157 4 5	SL-020-SA8S-SB-9.0-10.0 12/02/2011 DX157 9 10	SL-021-SA8S-SS-0.0-0.5 09/30/2011 DX145 0 0.5	SL-021-SA8S-SB-4.0-5.0 12/02/2011 DX157 4 5	SL-021-SA8S-SB-9.0-10.0 12/02/2011 DX157 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.05 U B	1.06 U	1.12 U B	1.08 U B	0.0343 J Z	1.11 U B	1.09 U B
1,2,3,7,8,9-HxCDD	ng/kg	5.25 U B	0.141 J Z	5.62 U B	5.41 U B	0.257 J Z	5.55 U B	5.46 U B
OCDD	ng/kg	10.5 U B	18.9	2.43 J Z	10.8 U B	37.9	11.1 U B	10.9 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.25 U B	3.16 J Z	5.62 U B	5.41 U B	4.66 J Z	5.55 U B	5.46 U B
OCDF	ng/kg	10.5 U B	1.32 J Z	11.2 U B	10.8 U B	2.83 J Z	11.1 U B	10.9 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.25 U B	0.0740 J Z	5.62 U B	5.41 U B	0.0810 J Z	5.55 U B	5.46 U B
1,2,3,7,8-PeCDD	ng/kg	5.25 U B	0.0673 J Z	5.62 U B	5.41 U B	0.0549 J Z	5.55 U B	5.46 U B
2,3,7,8-TCDF	ng/kg	1.05 UJ FD	0.344 J Z	1.12 U B	1.08 U	0.219 J Z	1.11 U B	1.09 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.25 U B	5.28 U B	5.62 U B	5.41 U B	5.28 U B	5.55 U B	5.46 U B
2,3,4,7,8-PeCDF	ng/kg	5.25 U B	5.28 U B	5.62 U B	5.41 U B	5.28 U B	5.55 U B	5.46 U B
1,2,3,7,8-PeCDF	ng/kg	5.25 U B	5.28 U B	5.62 U B	5.41 U B	5.28 U B	5.55 U B	5.46 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.25 U B	5.28 U B	5.62 U B	5.41 U B	5.28 U B	5.55 U B	5.46 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.25 U B	5.28 U B	5.62 U B	5.41 U B	0.255 J Z	5.55 U B	5.46 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.25 U B	5.28 U B	5.62 U B	5.41 U B	5.28 U B	5.55 U B	5.46 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.25 U B	5.28 U B	5.62 U B	5.41 U B	1.17 J Z	5.55 U B	5.46 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.25 U B	5.28 U B	5.62 U B	5.41 U B	5.28 U B	5.55 U B	5.46 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.25 U B	5.28 U B	5.62 U B	5.41 U B	5.28 U B	5.55 U B	5.46 U B
Aroclor 1260	ug/kg	1.8 U	2.2	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Aroclor 1254	ug/kg	1.8 U	1.2 J Z	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Aroclor 1268	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	3.5 U	2.4 J Z	3.7 U	3.7 U	3.5 U	3.7 U	3.7 U
Aroclor 1232	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	3.5 U	3.5 U	3.7 U	3.7 U	3.5 U	3.7 U	3.7 U
Aroclor 1248	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	3.5 U	3.5 U	3.7 U	3.7 U	3.5 U	3.7 U	3.7 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-022-SA8S-SS-0.0-0.5 09/30/2011 DX146 0 0.5	SL-022-SA8S-SB-4.0-5.0 12/01/2011 DX156 4 5	SL-022-SA8S-SB-8.0-9.0 12/01/2011 DX156 8 9	SL-023-SA8S-SS-0.0-0.5 09/30/2011 DX146 0 0.5	SL-023-SA8S-SB-4.0-5.0 12/01/2011 DX156 4 5	SL-023-SA8S-SB-9.0-10.0 12/01/2011 DX156 9 10	SL-024-SA8S-SS-0.0-0.5 09/29/2011 DX147 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.05 U	1.10 U B	1.08 U B	0.0466 J Z	1.12 U B	1.10 U B	0.0482 J Z
1,2,3,7,8,9-HxCDD	ng/kg	0.153 J Z	5.51 U B	5.41 U B	0.333 J Z	5.60 U B	5.48 U B	5.00 U B
OCDD	ng/kg	25.7	11.0 U B	10.8 U B	40.2	11.2 U B	11.0 U B	27.7
1,2,3,4,6,7,8-HpCDD	ng/kg	3.60 J Z	5.51 U B	5.41 U B	5.75	5.60 U B	5.48 U B	3.94 J Z
OCDF	ng/kg	1.23 J Z	11.0 U B	10.8 U B	1.63 J Z	11.2 U B	11.0 U B	10.0 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.0991 J Z	5.51 U B	5.41 U B	0.128 J Z	5.60 U B	5.48 U B	5.00 U B
1,2,3,7,8-PeCDD	ng/kg	5.26 U B	5.51 U B	5.41 U B	5.25 U B	5.60 U B	5.48 U B	5.00 U B
2,3,7,8-TCDF	ng/kg	0.128 J Z	1.10 U B	1.08 U B	0.474 J Z	1.12 U B	1.10 U B	0.282 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.26 U B	5.51 U B	5.41 U B	5.25 U B	5.60 U B	5.48 U B	5.00 U B
2,3,4,7,8-PeCDF	ng/kg	0.165 J Z	5.51 U B	5.41 U B	5.25 U	5.60 U B	5.48 U B	5.00 U B
1,2,3,7,8-PeCDF	ng/kg	0.0992 J Z	5.51 U B	5.41 U B	0.116 J Z	5.60 U B	5.48 U B	5.00 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.26 U B	5.51 U B	5.41 U B	5.25 U B	5.60 U B	5.48 U B	5.00 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.182 J Z	5.51 U B	5.41 U B	0.310 J Z	5.60 U B	5.48 U B	0.225 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.26 U B	5.51 U B	5.41 U B	0.183 J Z	5.60 U B	5.48 U B	5.00 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	0.777 J Z	5.51 U B	5.41 U B	1.01 J Z	5.60 U B	5.48 U B	5.00 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.26 U B	5.51 U B	5.41 U B	0.186 J Z	5.60 U B	5.48 U B	5.00 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.26 U	5.51 U B	5.41 U B	5.25 U B	5.60 U B	5.48 U B	0.0642 J Z
Aroclor 1260	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 UJ S
Aroclor 1254	ug/kg	1.3 J Z	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 UJ S
Aroclor 1268	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 UJ S
Aroclor 1221	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 UJ S
Aroclor 5460	ug/kg	3.5 U	3.7 U	3.7 U	3.5 U	3.7 U	3.7 U	3.4 UJ S
Aroclor 1232	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 UJ S
Aroclor 5442	ug/kg	3.5 U	3.7 U	3.7 U	3.5 U	3.7 U	3.7 U	3.4 UJ S
Aroclor 1248	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 UJ S
Aroclor 1016	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 UJ S
Aroclor 1262	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 UJ S
Aroclor 1242	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 UJ S
Aroclor 5432	ug/kg	3.5 U	3.7 U	3.7 U	3.5 U	3.7 U	3.7 U	3.4 UJ S

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Appendix A8
PCBs and Dioxins - Validated Data
HSA-8S

Sample Name		SL-024-SA8S-SB-4.0-5.0	SL-024-SA8S-SB-7.0-8.0
Sample Date		11/16/2011	11/16/2011
SDG		DX155	DX155
Start Depth		4	7
End Depth		5	8
Chemical Name	Unit		
2,3,7,8-TCDD	ng/kg	1.10 U	1.12 U
1,2,3,7,8,9-HxCDD	ng/kg	5.52 U	5.62 U B
OCDD	ng/kg	11.0 U B	11.2 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.52 U B	5.62 U B
OCDF	ng/kg	11.0 U B	11.2 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.52 U B	5.62 U B
1,2,3,7,8-PeCDD	ng/kg	5.52 U	5.62 U
2,3,7,8-TCDF	ng/kg	1.10 U	1.12 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.52 U B	5.62 U B
2,3,4,7,8-PeCDF	ng/kg	5.52 U B	5.62 U B
1,2,3,7,8-PeCDF	ng/kg	5.52 U B	5.62 U
1,2,3,6,7,8-HxCDF	ng/kg	5.52 U B	5.62 U
1,2,3,6,7,8-HxCDD	ng/kg	5.52 U B	5.62 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.52 U B	5.62 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.52 U B	5.62 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.52 U B	5.62 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.52 U B	5.62 U B
Aroclor 1260	ug/kg	1.9 U	1.9 U
Aroclor 1254	ug/kg	1.9 U	1.9 U
Aroclor 1268	ug/kg	1.9 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	1.9 U
Aroclor 5460	ug/kg	3.7 UJ E	3.8 UJ E
Aroclor 1232	ug/kg	1.9 U	1.9 U
Aroclor 5442	ug/kg	3.7 UJ E	3.8 UJ E
Aroclor 1248	ug/kg	1.9 U	1.9 U
Aroclor 1016	ug/kg	1.9 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	1.9 U
Aroclor 5432	ug/kg	3.7 UJ E	3.8 UJ E

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-003-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-005-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-007-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-008-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-009-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-010-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U
Dicamba	ug/kg	1.3 UJ L	1.2 R Q, L	1.2 UJ L	1.3 UJ L	1.3 U	1.3 U	1.3 U
2,2-Dichlor-Propionic Acid	ug/kg	9.5 U	9.3 R Q	9.2 U	9.4 U	9.6 R Q	9.5 U	9.6 U
Dinitrobutyl Phenol	ug/kg	2.5 R L	2.5 R Q, L	2.5 R L	2.5 R L	2.6 R Q, L	2.5 R L	2.6 R L
MCPP	ug/kg	270 UJ L	280 J FD, L	260 UJ L	260 UJ L	190 J Z	110 J Z	270 U
2,4,5-TP	ug/kg	0.18 UJ L	0.18 UJ Q, L	0.17 UJ L	0.18 UJ L	0.18 U	0.18 U	0.18 U
2,4,5-T	ug/kg	0.28 U	0.18 U	0.22	0.18 U	0.18 U	0.18 U	0.18 U
MCPA	ug/kg	1900 J L	260 UJ L	260 UJ L	260 UJ L	270 U	320	270 U
2,4-D	ug/kg	3.8 U	3.7 U	3.7 U	3.8 U	3.9 U	3.8 U	3.9 U
2,4 DB	ug/kg	1.8 U	1.8 UJ FD	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U
Toxaphene	ug/kg	7.0 UJ H	7.2 UJ H	6.8 UJ H	6.9 UJ H	17	4.7 J Z	8.1 U
Heptachlor Epoxide	ug/kg	0.18 UJ H	0.17 UJ H	0.17 UJ H	0.17 UJ H	0.18 U	0.18 U	0.18 U
Endosulfan Sulfate	ug/kg	0.36 UJ H	0.35 R H, Q	0.35 UJ H	0.35 UJ H	0.36 U	0.36 U	0.36 U
Mirex	ug/kg	0.36 UJ H	0.35 UJ H	0.35 UJ H	0.35 UJ H	0.36 U	0.36 U	0.36 U
Aldrin	ug/kg	0.18 UJ H	0.17 UJ H	0.17 UJ H	0.17 UJ H	0.18 U	0.18 U	0.18 U
Alpha-BHC	ug/kg	0.18 UJ H	0.17 UJ H	0.17 UJ H	0.17 UJ H	0.18 U	0.18 U	0.18 U
Beta-BHC	ug/kg	0.18 UJ H	0.17 UJ H	0.17 UJ H	0.17 UJ H	0.18 U	0.18 U	0.18 U
Delta-BHC	ug/kg	0.44 J H, S	0.059 J H, Z	0.17 UJ H	0.045 J H, Z	0.54 U	0.040 J Z	0.52
Endosulfan II	ug/kg	0.36 UJ H	0.35 UJ H	0.35 UJ H	0.35 UJ H	0.36 U	0.36 U	0.36 U
4,4'-DDT	ug/kg	0.82 J H, S	0.42 UJ H	0.35 UJ H	0.35 UJ H	4.9	0.69	3.2 J Z
Endrin Ketone	ug/kg	0.36 UJ H	0.35 R H, Q	0.35 UJ H	0.35 UJ H	0.36 U	0.36 U	0.36 U
Chlordane	ug/kg	1.5 J H, S, Z	3.5 UJ H, FD	3.5 UJ H	1.9 J H, Z	6	2.3 J Z	4.2
Gamma-BHC (Lindane)	ug/kg	0.072 J H, S, Z	0.17 UJ H	0.17 UJ H	0.17 UJ H	0.18 U	0.18 U	0.18 U
Dieldrin	ug/kg	0.36 UJ H	0.35 UJ H	0.35 UJ H	0.35 UJ H	0.36 U	0.36 U	0.36 U
Endrin	ug/kg	0.36 UJ H	0.35 UJ H	0.35 UJ H	0.35 UJ H	0.36 U	0.36 U	0.36 U
Methoxychlor	ug/kg	1.8 UJ H	1.7 UJ H	1.7 UJ H	1.7 UJ H	1.8 U	1.8 U	1.8 U
4,4'-DDD	ug/kg	0.52 UJ H	0.35 UJ H	0.35 UJ H	0.35 UJ H	0.36 U	0.36 U	0.36 U
4,4'-DDE	ug/kg	0.85 J H, S	0.48 J H	0.35 UJ H	0.35 UJ H	8.8	0.44	5.4
Endrin Aldehyde	ug/kg	0.36 UJ H	0.35 UJ H	0.35 UJ H	0.35 UJ H	0.63 U	0.36 U	0.36 U
Heptachlor	ug/kg	0.18 UJ H	0.17 UJ H	0.17 UJ H	0.17 UJ H	0.18 U	0.18 U	0.18 U
Endosulfan I	ug/kg	0.18 UJ H	0.17 UJ H	0.17 UJ H	0.17 UJ H	0.18 U	0.18 U	0.18 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Appendix A9
Pesticides - Validated Data
HSA-8S

Sample Name Sample Date SDG Start Depth End Depth		SL-011-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-012-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-013-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-014-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-015-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-016-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-017-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U
Dicamba	ug/kg	1.3 U	1.3 U	1.2 UJ L	1.2 UJ L	1.2 UJ L	1.2 U	0.45 J Z
2,2-Dichlor-Propionic Acid	ug/kg	9.6 U	9.6 U	9.3 U	9.4 U	9.4 U	9.4 U	9.7 U
Dinitrobutyl Phenol	ug/kg	2.6 R L	2.6 R L	2.5 R L	2.5 R L	2.5 R L	2.5 R L	2.6 R L
MCPP	ug/kg	270 U	270 U	260 UJ L	260 UJ L	260 UJ L	260 U	270 U
2,4,5-TP	ug/kg	0.18 U	0.18 U	0.26 J L	0.21 J L	0.18 UJ L	0.18 U	0.18 U
2,4,5-T	ug/kg	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
MCPA	ug/kg	340 U	270 U	380 J L	260 UJ L	260 UJ L	1600	270 U
2,4-D	ug/kg	3.8 U	3.8 U	3.7 U	3.7 U	3.7 U	3.7 U	3.9 U
2,4 DB	ug/kg	1.8 U	1.4 J Z	1.4 J Z	0.94 J Z	1.8	1.8 U	1.8 U
Toxaphene	ug/kg	9.4 U	13 U	6.8 UJ H	6.9 UJ H	6.9 UJ H	13 U	7.1 U
Heptachlor Epoxide	ug/kg	0.18 U	0.18 U	0.17 UJ H	0.17 UJ H	0.17 UJ H	0.11 J Z	0.18 U
Endosulfan Sulfate	ug/kg	0.36 U	0.36 U	0.35 UJ H	0.35 UJ H	0.36 UJ H	0.35 U	0.37 U
Mirex	ug/kg	0.36 U	0.46 U	0.35 UJ H	0.35 UJ H	0.36 UJ H	0.55 U	0.37 U
Aldrin	ug/kg	0.18 U	0.18 U	0.17 UJ H	0.17 UJ H	0.17 UJ H	0.17 U	0.18 U
Alpha-BHC	ug/kg	0.18 U	0.18 U	0.17 UJ H	0.17 UJ H	0.17 UJ H	0.17 U	0.18 U
Beta-BHC	ug/kg	0.18 U	0.18 U	0.17 UJ H	0.17 UJ H	0.17 UJ H	0.17 U	0.18 U
Delta-BHC	ug/kg	0.18 U	1.4 U	0.17 UJ H	0.054 J H, Z	0.20 J H	0.5	0.18 U
Endosulfan II	ug/kg	0.36 U	0.36 U	0.35 UJ H	0.35 UJ H	0.36 UJ H	0.35 U	0.37 U
4,4'-DDT	ug/kg	1.8	1.8	1.9 J H	0.80 J H	0.29 J H, Z	2.1	4.6
Endrin Ketone	ug/kg	0.36 U	0.36 U	0.35 UJ H	0.35 UJ H	0.36 UJ H	0.35 U	0.37 U
Chlordane	ug/kg	4	1.6 J Z	2.7 J H, Z	2.4 J H, Z	1.9 J H, Z	1.3 J Z	1.2 J S, Z
Gamma-BHC (Lindane)	ug/kg	0.18 U	0.18 U	0.060 J H, Z	0.17 UJ H	0.17 UJ H	0.17 U	0.18 U
Dieldrin	ug/kg	0.36 U	0.36 U	0.35 UJ H	0.35 UJ H	0.36 UJ H	0.33 J Z	0.37 U
Endrin	ug/kg	0.36 U	0.36 U	0.35 UJ H	0.35 UJ H	0.36 UJ H	0.35 U	0.37 U
Methoxychlor	ug/kg	1.8 U	2.2 U	1.7 UJ H	1.7 UJ H	1.7 UJ H	2.0 U	1.8 U
4,4'-DDD	ug/kg	0.36 U	0.36 U	0.35 UJ H	0.35 UJ H	0.36 UJ H	0.35 U	0.37 U
4,4'-DDE	ug/kg	2.8	2.2	1.1 J H	1.1 J H	0.57 J H	2	3.9
Endrin Aldehyde	ug/kg	1.2 U	1.2 U	0.35 UJ H	0.35 UJ H	0.36 UJ H	0.80 U	0.37 U
Heptachlor	ug/kg	0.18 U	0.18 U	0.17 UJ H	0.17 UJ H	0.17 UJ H	0.17 U	0.18 U
Endosulfan I	ug/kg	0.18 U	0.18 U	0.17 UJ H	0.17 UJ H	0.17 UJ H	0.12 J Z	0.18 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-018-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-019-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-020-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-021-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-022-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-023-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-024-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.8 U	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Dicamba	ug/kg	1.2 U	0.61 J Z	1.3 U	1.3 U	1.3 U	1.3 U	1.3 UJ L
2,2-Dichlor-Propionic Acid	ug/kg	9.3 U	9.2 U	9.6 U	9.6 U	9.5 U	9.6 U	9.4 U
Dinitrobutyl Phenol	ug/kg	2.5 R L	2.5 R L	2.6 R L	2.6 R L	2.5 R L	2.5 R L	2.5 R L
MCPP	ug/kg	260 U	260 U	270 U	270 U	270 U	270 U	260 UJ L
2,4,5-TP	ug/kg	0.18 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.20 J L
2,4,5-T	ug/kg	0.18 U	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
MCPA	ug/kg	300	260 U	270 U	270 U	270 U	270 U	260 UJ L
2,4-D	ug/kg	3.7 U	3.7 U	3.9 U	3.8 U	3.8 U	3.8 U	3.8 U
2,4 DB	ug/kg	1.8 U	4	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Toxaphene	ug/kg	140 U	20 U	7.1 U	15 U	42 U	70 U	6.9 UJ H
Heptachlor Epoxide	ug/kg	9.6 U	0.17 U	0.18 U	0.18 U	0.18 U	0.40 J Z	0.17 UJ H
Endosulfan Sulfate	ug/kg	7.1 U	3.5 U	0.36 U	0.36 U	0.36 U	3.6 U	0.36 UJ H
Mirex	ug/kg	7.1 U	0.35 U	0.36 U	0.40 U	0.51 U	3.6 U	0.36 UJ H
Aldrin	ug/kg	3.5 U	0.17 U	0.18 U	0.18 U	0.18 U	1.8 U	0.17 UJ H
Alpha-BHC	ug/kg	3.5 U	0.17 U	0.18 U	0.18 U	0.18 U	1.8 U	0.17 UJ H
Beta-BHC	ug/kg	3.5 U	0.17 U	0.18 U	0.18 U	0.18 U	1.8 U	0.17 UJ H
Delta-BHC	ug/kg	3.5 U	1.3 U	0.72	1.7	1.2 U	12	0.17 UJ H
Endosulfan II	ug/kg	12 U	0.35 U	0.36 U	0.36 U	0.36 U	3.6 U	0.36 UJ H
4,4'-DDT	ug/kg	74 U	2.0 J S	1.1	1	1.9	3.0 J Z	0.94 J H
Endrin Ketone	ug/kg	7.1 U	0.35 U	0.36 U	0.36 U	0.34 U	3.6 U	0.36 UJ H
Chlordane	ug/kg	71 U	2.7 J S, Z	3.6 U	3.7	3.6	36 U	2.9 J H, Z
Gamma-BHC (Lindane)	ug/kg	3.5 U	0.17 U	0.18 U	0.18 U	0.18 U	1.8 U	0.17 UJ H
Dieldrin	ug/kg	25 U	0.35 U	0.36 U	0.36 U	0.36 U	3.6 U	0.36 UJ H
Endrin	ug/kg	8.1 U	0.35 U	0.36 U	0.36 U	0.36 U	3.6 U	0.36 UJ H
Methoxychlor	ug/kg	35 U	1.7 U	1.8 U	1.8 U	2.1 U	18 U	1.7 UJ H
4,4'-DDD	ug/kg	7.1 U	0.35 U	0.36 U	0.36 U	0.36 U	3.6 U	0.36 UJ H
4,4'-DDE	ug/kg	59 U	1.6 J S	1	1.4	2	4.3	0.62 J H
Endrin Aldehyde	ug/kg	7.1 U	0.99 U	0.40 U	0.69 U	2.2 U	3.7 U	0.36 UJ H
Heptachlor	ug/kg	3.5 U	0.17 U	0.18 U	0.18 U	0.18 U	1.8 U	0.17 UJ H
Endosulfan I	ug/kg	3.5 U	0.27 U	0.18 U	0.18 U	0.18 U	1.8 U	0.17 UJ H

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Appendix A10
Semivolatiles - Validated Data
HSA-8S

Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-001-SA8S-SB-4.0-5.0 11/18/2011 DE289 4 5	SL-003-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-005-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-005-SA8S-SB-3.5-4.5 11/15/2011 DE287 3.5 4.5	SL-007-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-007-SA8S-SB-4.0-5.0 11/15/2011 DE287 4 5
Chemical Name	Unit							
N-Nitrosodimethylamine	ug/kg	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 UJ Q
2,4-Dinitrotoluene	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
Nitrobenzene	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
1,4-Dichlorobenzene	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
1,2,4-Trichlorobenzene	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
1,3-Dichlorobenzene	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
Hexachlorobutadiene	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
1,2-Dichlorobenzene	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
4-Nitroaniline	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
4-Nitrophenol	ug/kg	530 U	560 U	520 U	510 U	560 U	520 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
2,4-Dimethylphenol	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
4-Methylphenol	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
4-Chloroaniline	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
3,5-Dimethylphenol	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
Phenol	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	19 U B	20 U	19 U B	18 U B	20 U	19 U	7.1 J Z
Di-N-Octyl Phthalate	ug/kg	19 U	20 U	19 U	18 U	20 U	19 U	20 U
Hexachlorobenzene	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
Anthracene	ug/kg	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
2,4-Dichlorophenol	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
1,2-Diphenylhydrazine	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.2 J Z	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
Dimethylphthalate	ug/kg	19 U	20 U	19 U	18 U	20 U	19 U	20 U
Dibenzofuran	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
Benzo(g,h,i)perylene	ug/kg	1.8 U B	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
Indeno(1,2,3-Cd)Pyrene	ug/kg	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
Benzo(b)fluoranthene	ug/kg	3.8	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.3 J Z	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
Benzo(k)fluoranthene	ug/kg	0.72 J Z	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
Acenaphthylene	ug/kg	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
Chrysene	ug/kg	1.1 J Z	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
Benzo(a)pyrene	ug/kg	0.87 J Z	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1000 R Q	1000 U	1100 U	1000 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	530 UJ L	560 U	520 UJ L	510 UJ L	560 U	520 UJ L	580 U
Dibenzo(a,h)anthracene	ug/kg	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
Benzo(a)anthracene	ug/kg	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-001-SA8S-SB-4.0-5.0 11/18/2011 DE289 4 5	SL-003-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-005-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-005-SA8S-SB-3.5-4.5 11/15/2011 DE287 3.5 4.5	SL-007-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-007-SA8S-SB-4.0-5.0 11/15/2011 DE287 4 5
Chemical Name	Unit							
Aniline	ug/kg	530 U	560 U	520 U	510 U	560 U	520 U	580 U
Benzoic Acid	ug/kg	530 UJ L	560 U	520 UJ L	510 UJ L	560 U	520 UJ L	580 U
Hexachloroethane	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
4-Chlorophenyl Phenylether	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
Hexachlorocyclopentadiene	ug/kg	530 U	560 U	520 U	510 U	560 U	520 U	580 U
Isophorone	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
Acenaphthene	ug/kg	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
Diethylphthalate	ug/kg	19 U	20 U	19 U	18 U	20 U	19 U	20 U
Di-n-Butylphthalate	ug/kg	19 U	20 U	19 U	18 U	20 U	19 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	16 J Z	20 U	20	18 U	20 U	20	20 U
N-Nitrosodiphenylamine	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
Fluorene	ug/kg	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
Carbazole	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
Pentachlorophenol	ug/kg	530 U	560 U	520 U	510 U	560 U	520 U	580 U
2,4,6-Trichlorophenol	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
2-Nitroaniline	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
2-Nitrophenol	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
1-Methylnaphthalene	ug/kg	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
Naphthalene	ug/kg	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
2-Methylnaphthalene	ug/kg	1.8 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.9 U
2-Chloronaphthalene	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
3,3`-Dichlorobenzidine	ug/kg	350 U	370 U	340 U	340 U	370 U	350 U	380 U
Benzidine	ug/kg	3500 U	3700 U	3400 R Q	3400 U	3700 U	3500 U	3800 UJ Q
2-Methylphenol	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
2-Chlorophenol	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 UJ Q
2,4,5-Trichlorophenol	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
3-Nitroaniline	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U
Benzyl Alcohol	ug/kg	530 U	560 U	520 U	510 U	560 U	520 U	580 UJ Q
2,6-Dinitrotoluene	ug/kg	180 U	190 U	170 U	170 U	190 U	170 U	190 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Appendix A10
Semivolatiles - Validated Data
HSA-8S

Sample Name Sample Date SDG Start Depth End Depth		SL-008-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-008-SA8S-SB-2.0-3.0 11/17/2011 DE288 2 3	SL-009-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-009-SA8S-SB-4.0-5.0 11/16/2011 DE287 4 5	SL-009-SA8S-SB-7.0-8.0 11/16/2011 DE287 7 8	SL-010-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-010-SA8S-SB-4.0-5.0 11/16/2011 DE288 4 5
Chemical Name	Unit							
N-Nitrosodimethylamine	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U
2,4-Dinitrotoluene	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Nitrobenzene	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
1,4-Dichlorobenzene	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
1,2,4-Trichlorobenzene	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
1,3-Dichlorobenzene	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Hexachlorobutadiene	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
1,2-Dichlorobenzene	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
4-Nitroaniline	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
4-Nitrophenol	ug/kg	530 U	540 U	530 U	570 U	540 U	540 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
2,4-Dimethylphenol	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
4-Methylphenol	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
4-Chloroaniline	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
3,5-Dimethylphenol	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Phenol	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	19 U B	16 J Z	19 U B	20 U	6.8 J Z	19 U B	20 U
Di-N-Octyl Phthalate	ug/kg	19 U	19 U	19 U	20 U	19 U	19 U	20 U
Hexachlorobenzene	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Anthracene	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U
2,4-Dichlorophenol	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
1,2-Diphenylhydrazine	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	2.2	1.8 U	1.4 J Z	1.9 U	1.8 U	3.8	1.9 U
Dimethylphthalate	ug/kg	19 U	19 U	19 U	20 U	19 U	19 U	20 U
Dibenzofuran	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Benzo(g,h,i)perylene	ug/kg	0.80 J Z	1.8 U	1.8 U	1.9 U	1.8 U	1.2 J Z	1.9 U
Indeno(1,2,3-Cd)Pyrene	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	0.97 J Z	1.9 U
Benzo(b)fluoranthene	ug/kg	2.5	1.8 U	0.93 J Z	1.9 U	1.8 U	3.4	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	19 J Z	--
Fluoranthene (8270C SIM)	ug/kg	3.3	1.8 U	1.7 J Z	1.9 U	1.8 U	--	1.9 U
Benzo(k)fluoranthene	ug/kg	7.9	1.8 U	2.6	1.9 U	1.8 U	10	1.9 U
Acenaphthylene	ug/kg	0.48 J Z	1.8 U	1.8 U	1.9 U	1.8 U	0.37 J Z	1.9 U
Chrysene	ug/kg	2.7	1.8 U	1.0 J Z	1.9 U	1.8 U	3.9	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Benzo(a)pyrene	ug/kg	1.5 J Z	1.8 U	0.75 J Z	1.9 U	1.8 U	1.8	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1100 U	1100 U	1100 U	1100 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	530 U	540 U	530 U	570 U	540 U	540 U	570 U
Dibenzo(a,h)anthracene	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U
Benzo(a)anthracene	ug/kg	1.0 J Z	1.8 U	1.8 U	1.9 U	1.8 U	1.3 J Z	1.9 U
4-Chloro-3-Methylphenol	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-008-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-008-SA8S-SB-2.0-3.0 11/17/2011 DE288 2 3	SL-009-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-009-SA8S-SB-4.0-5.0 11/16/2011 DE287 4 5	SL-009-SA8S-SB-7.0-8.0 11/16/2011 DE287 7 8	SL-010-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-010-SA8S-SB-4.0-5.0 11/16/2011 DE288 4 5
Chemical Name	Unit							
Aniline	ug/kg	530 U	540 U	530 U	570 U	540 U	540 U	570 U
Benzoic Acid	ug/kg	530 U	540 U	530 U	570 U	540 U	540 U	570 U
Hexachloroethane	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
4-Chlorophenyl Phenylether	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Hexachlorocyclopentadiene	ug/kg	530 U	540 U	530 U	570 U	540 U	540 U	570 U
Isophorone	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Acenaphthene	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U
Diethylphthalate	ug/kg	19 U	19 U	19 U	20 U	19 U	19 U	20 U
Di-n-Butylphthalate	ug/kg	19 U	19 U	19 U	20 U	19 U	19 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.4 J Z	1.8 U	0.92 J Z	1.9 U	1.8 U	2.8	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	11 J Z	10 J Z	6.4 J Z	20 U	19 U	47	20 U
N-Nitrosodiphenylamine	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Fluorene	ug/kg	0.84 J Z	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U
Carbazole	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Pentachlorophenol	ug/kg	530 U	540 U	530 U	570 U	540 U	540 U	570 U
2,4,6-Trichlorophenol	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
2-Nitroaniline	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
2-Nitrophenol	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
1-Methylnaphthalene	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U
Naphthalene	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	0.95 J Z	1.9 U
2-Methylnaphthalene	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U
2-Chloronaphthalene	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
3,3`-Dichlorobenzidine	ug/kg	350 U	360 U	350 U	380 U	360 U	360 U	380 U
Benidine	ug/kg	3500 R Q	3600 U	3500 U	3800 U	3600 U	3600 U	3800 U
2-Methylphenol	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
2-Chlorophenol	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
2,4,5-Trichlorophenol	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
3-Nitroaniline	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U
Benzyl Alcohol	ug/kg	530 U	540 U	530 U	570 U	540 U	540 U	570 U
2,6-Dinitrotoluene	ug/kg	180 U	180 U	180 U	190 U	180 U	180 U	190 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Appendix A10
Semivolatiles - Validated Data
HSA-8S

Sample Name Sample Date SDG Start Depth End Depth		SL-010-SA8S-SB-8.5-9.5 11/16/2011 DE288 8.5 9.5	SL-011-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-011-SA8S-SB-4.0-5.0 11/17/2011 DE288 4 5	SL-012-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-012-SA8S-SB-4.0-5.0 11/18/2011 DE289 4 5	SL-013-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-013-SA8S-SB-4.0-5.0 11/14/2011 DE286 4 5
Chemical Name	Unit							
N-Nitrosodimethylamine	ug/kg	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U
2,4-Dinitrotoluene	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Nitrobenzene	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
1,4-Dichlorobenzene	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
1,2,4-Trichlorobenzene	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
1,3-Dichlorobenzene	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Hexachlorobutadiene	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
1,2-Dichlorobenzene	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
4-Nitroaniline	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
4-Nitrophenol	ug/kg	580 U	530 U	560 U	530 U	560 U	510 U	530 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
2,4-Dimethylphenol	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
4-Methylphenol	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
4-Chloroaniline	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
3,5-Dimethylphenol	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Phenol	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	20 J Z	23 J Z	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	20 U	19 U B	7.0 J Z	--	--	18 U B	19 U
Di-N-Octyl Phthalate	ug/kg	20 U	19 U	20 U	19 U	20 U	18 U	19 U
Hexachlorobenzene	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Anthracene	ug/kg	1.9 U	0.56 J Z	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U
2,4-Dichlorophenol	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
1,2-Diphenylhydrazine	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	11	1.8 U	1.8 U	1.8 U	0.80 J Z	1.8 U
Dimethylphthalate	ug/kg	20 U	19 U	20 U	19 U	20 U	18 U	19 U
Dibenzofuran	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Benzo(g,h,i)perylene	ug/kg	1.9 U	1.8	1.8 U	1.8 U	1.8 U	1.7 U B	1.8 U
Indeno(1,2,3-Cd)Pyrene	ug/kg	1.9 U	1.2 J Z	1.8 U	1.8 U	1.8 U	1.7 U B	1.8 U
Benzo(b)fluoranthene	ug/kg	1.9 U	8.6	1.8 U	0.97 J Z	1.8 U	5.3	1.8 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	12	1.8 U	1.8 U	1.8 U	1.3 J Z	1.8 U
Benzo(k)fluoranthene	ug/kg	1.9 U	11	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U
Acenaphthylene	ug/kg	1.9 U	1.6 J Z	1.8 U	1.8 U	1.8 U	0.41 J Z	1.8 U
Chrysene	ug/kg	1.9 U	18	1.8 U	1.8 U	1.8 U	0.89 J Z	1.8 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Benzo(a)pyrene	ug/kg	1.9 U	6.2	1.8 U	1.8 U	1.8 U	1.7	1.8 U
2,4-Dinitrophenol	ug/kg	1200 U	1100 U	1100 U	1100 U	1100 U	1000 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	530 U	560 U	530 U	560 U	510 UJ L	530 U
Dibenzo(a,h)anthracene	ug/kg	1.9 U	1.5 J Z	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U
Benzo(a)anthracene	ug/kg	1.9 U	13	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U
4-Chloro-3-Methylphenol	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-010-SA8S-SB-8.5-9.5 11/16/2011 DE288 8.5 9.5	SL-011-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-011-SA8S-SB-4.0-5.0 11/17/2011 DE288 4 5	SL-012-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-012-SA8S-SB-4.0-5.0 11/18/2011 DE289 4 5	SL-013-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-013-SA8S-SB-4.0-5.0 11/14/2011 DE286 4 5
Chemical Name	Unit							
Aniline	ug/kg	580 U	530 U	560 U	530 U	560 U	510 U	530 U
Benzoic Acid	ug/kg	580 U	530 U	560 U	530 U	560 U	510 U J L	530 U
Hexachloroethane	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
4-Chlorophenyl Phenylether	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Hexachlorocyclopentadiene	ug/kg	580 U	530 U	560 U	530 U	560 U	510 U	530 U
Isophorone	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Acenaphthene	ug/kg	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U
Diethylphthalate	ug/kg	20 U	19 U	20 U	19 U	20 U	18 U	19 U
Di-n-Butylphthalate	ug/kg	20 U	19 U	20 U	19 U	20 U	18 U	19 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	3.4	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	210	20 U	31	23	27	13 J Z
N-Nitrosodiphenylamine	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Fluorene	ug/kg	1.9 U	2	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U
Carbazole	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Pentachlorophenol	ug/kg	580 U	530 U	560 U	530 U	560 U	510 U	530 U
2,4,6-Trichlorophenol	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
2-Nitroaniline	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
2-Nitrophenol	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
1-Methylnaphthalene	ug/kg	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U
Naphthalene	ug/kg	1.9 U	0.93 J Z	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U
2-Methylnaphthalene	ug/kg	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U
2-Chloronaphthalene	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
3,3'-Dichlorobenzidine	ug/kg	380 U	350 U	370 U	360 U	370 U	340 U	350 U
Benidine	ug/kg	3800 U	3500 U	3700 U	3600 U	3700 U	3400 U	3500 U
2-Methylphenol	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
2-Chlorophenol	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
2,4,5-Trichlorophenol	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
3-Nitroaniline	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U
Benzyl Alcohol	ug/kg	580 U	530 U	560 U	530 U	560 U	510 U	530 U
2,6-Dinitrotoluene	ug/kg	190 U	180 U	190 U	180 U	190 U	170 U	180 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Appendix A10
Semivolatiles - Validated Data
HSA-8S

Sample Name Sample Date SDG Start Depth End Depth		SL-014-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-014-SA8S-SB-4.0-5.0 10/21/2011 DE277 4 5	SL-014-SA8S-SB-7.0-8.0 10/21/2011 DE277 7 8	SL-015-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-015-SA8S-SB-4.0-5.0 10/21/2011 DE277 4 5	SL-015-SA8S-SB-9.0-10.0 10/21/2011 DE277 9 10	SL-016-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5
Chemical Name	Unit							
N-Nitrosodimethylamine	ug/kg	1.7 U	1.8 U	1.8 U	1.7 UJ S	1.8 U	1.9 U	1.7 U
2,4-Dinitrotoluene	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
Nitrobenzene	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
1,4-Dichlorobenzene	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
1,2,4-Trichlorobenzene	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
1,3-Dichlorobenzene	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
Hexachlorobutadiene	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
1,2-Dichlorobenzene	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
4-Nitroaniline	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
4-Nitrophenol	ug/kg	520 U	540 U	550 U	520 U	530 U	560 U	520 U
4-Bromophenyl Phenyl Ether	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
2,4-Dimethylphenol	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
4-Methylphenol	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
4-Chloroaniline	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
3,5-Dimethylphenol	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
Phenol	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	30 J Z
Bis(2-Chloroethyl) ether	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
Bis(2-Chloroethoxy) methane	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	--	--	--	36 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	19 U B	19 U	30	19 UJ S	19 U	20 U	--
Di-N-Octyl Phthalate	ug/kg	19 U	19 U	44	19 UJ S	9.1 J Z	20 U	19 U
Hexachlorobenzene	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
Anthracene	ug/kg	0.42 J Z	1.8 U	1.8 U	1.7 UJ S	1.8 U	1.9 U	1.7 U
2,4-Dichlorophenol	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
1,2-Diphenylhydrazine	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	2.8	1.8 U	1.8 U	1.7 UJ S	1.8 U	1.9 U	1.1 J Z
Dimethylphthalate	ug/kg	19 U	19 U	20 U	19 UJ S	19 U	20 U	19 U
Dibenzofuran	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
Benzo(g,h,i)perylene	ug/kg	1.7 U B	1.8 U	1.8 U	1.7 UJ S	1.8 U	1.9 U	1.7 U
Indeno(1,2,3-Cd)Pyrene	ug/kg	1.7 U B	1.8 U	1.8 U	1.7 UJ S	1.8 U	1.9 U	1.7 U
Benzo(b)fluoranthene	ug/kg	16	1.8 U	1.8 U	1.4 J S, Z	1.8 U	1.9 U	1.3 J Z
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	4.6	1.8 U	1.8 U	1.7 UJ S	1.8 U	1.9 U	1.7
Benzo(k)fluoranthene	ug/kg	1.7 U	1.8 U	1.8 U	1.7 UJ S	1.8 U	1.9 U	4.7
Acenaphthylene	ug/kg	0.78 J Z	1.8 U	1.8 U	1.7 UJ S	1.8 U	1.9 U	1.7 U
Chrysene	ug/kg	2.7	1.8 U	1.8 U	1.7 UJ S	1.8 U	1.9 U	1.6 J Z
bis(2-Chloroisopropyl) ether	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
Benzo(a)pyrene	ug/kg	3.3	1.8 U	1.8 U	1.7 UJ S	1.8 U	1.9 U	1.7 U
2,4-Dinitrophenol	ug/kg	1000 U	1100 U	1100 U	1000 U	1100 U	1100 U	1000 U
4,6-Dinitro-2-Methylphenol	ug/kg	520 UJ L	540 U	550 U	520 UJ L	530 U	560 U	520 U
Dibenzo(a,h)anthracene	ug/kg	1.7 U B	1.8 U	1.8 U	1.7 UJ S	1.8 U	1.9 U	1.7 U
Benzo(a)anthracene	ug/kg	4	1.8 U	1.8 U	1.7 UJ S	1.8 U	1.9 U	1.7 U
4-Chloro-3-Methylphenol	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
N-Nitroso-Di-N-Propylamine	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-014-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-014-SA8S-SB-4.0-5.0 10/21/2011 DE277 4 5	SL-014-SA8S-SB-7.0-8.0 10/21/2011 DE277 7 8	SL-015-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-015-SA8S-SB-4.0-5.0 10/21/2011 DE277 4 5	SL-015-SA8S-SB-9.0-10.0 10/21/2011 DE277 9 10	SL-016-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5
Chemical Name	Unit							
Aniline	ug/kg	520 U	540 U	550 U	520 U	530 U	560 U	520 U
Benzoic Acid	ug/kg	520 U J L	540 U	550 U	520 U J L	530 U	560 U	520 U
Hexachloroethane	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
4-Chlorophenyl Phenylether	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
Hexachlorocyclopentadiene	ug/kg	520 U	540 U	550 U	520 U	530 U	560 U	520 U
Isophorone	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
Acenaphthene	ug/kg	1.7 U	1.8 U	1.8 U	1.7 U J S	1.8 U	1.9 U	1.7 U
Diethylphthalate	ug/kg	19 U	19 U	20 U	19 U J S	19 U	20 U	19 U
Di-n-Butylphthalate	ug/kg	19 U	19 U	20 U	19 U J S	19 U	20 U	8.0 J Z
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.6 J Z	1.8 U	1.8 U	1.7 U J S	1.8 U	1.9 U	0.73 J Z
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	47	19 U	20 U	8.6 J S, Z	19 U	20 U	26
N-Nitrosodiphenylamine	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
Fluorene	ug/kg	1.7 U	1.8 U	1.8 U	1.7 U J S	1.8 U	1.9 U	1.7 U
Carbazole	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
Pentachlorophenol	ug/kg	520 U	540 U	550 U	520 U	530 U	560 U	520 U
2,4,6-Trichlorophenol	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
2-Nitroaniline	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
2-Nitrophenol	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
1-Methylnaphthalene	ug/kg	1.7 U	1.8 U	1.8 U	1.7 U	1.8 U	1.9 U	1.7 U
Naphthalene	ug/kg	1.7 U	1.8 U	1.8 U	1.7 U J S	1.8 U	1.9 U	1.7 U
2-Methylnaphthalene	ug/kg	1.7 U	1.8 U	1.8 U	1.7 U J S	1.8 U	1.9 U	1.7 U
2-Chloronaphthalene	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
3,3`-Dichlorobenzidine	ug/kg	350 U	360 U	370 U	350 U	350 U	370 U	350 U
Benzidine	ug/kg	3500 U	3600 U	3700 U	3500 U	3500 U	3700 U	3500 U
2-Methylphenol	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
2-Chlorophenol	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
2,4,5-Trichlorophenol	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
3-Nitroaniline	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U
Benzyl Alcohol	ug/kg	520 U	540 U	550 U	520 U	530 U	560 U	230 J Z
2,6-Dinitrotoluene	ug/kg	170 U	180 U	180 U	170 U	180 U	190 U	170 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Appendix A10
Semivolatiles - Validated Data
HSA-8S

Sample Name Sample Date SDG Start Depth End Depth		SL-016-SA8S-SB-4.0-5.0 10/20/2011 DE273 4 5	SL-017-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-017-SA8S-SB-4.0-5.0 10/21/2011 DE277 4 5	SL-018-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-018-SA8S-SB-4.0-5.0 10/21/2011 DE277 4 5	SL-018-SA8S-SB-7.5-8.5 10/21/2011 DE277 7.5 8.5	SL-019-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5
Chemical Name	Unit							
N-Nitrosodimethylamine	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.9 U	1.8 U	1.7 U
2,4-Dinitrotoluene	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Nitrobenzene	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
1,4-Dichlorobenzene	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
1,2,4-Trichlorobenzene	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
1,3-Dichlorobenzene	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Hexachlorobutadiene	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
1,2-Dichlorobenzene	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
4-Nitroaniline	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
4-Nitrophenol	ug/kg	540 U	540 U	540 U	520 U	550 U	530 U	510 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
2,4-Dimethylphenol	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
4-Methylphenol	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
4-Chloroaniline	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
3,5-Dimethylphenol	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Phenol	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	27 J Z	--	21 J Z	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	9.5 J Z	--	34	--	20 U	14 J Z	18 U B
Di-N-Octyl Phthalate	ug/kg	19 U	19 U	50	19 U	20 U	19 U	18 U
Hexachlorobenzene	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Anthracene	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.9 U	1.8 U	1.7 U
2,4-Dichlorophenol	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
1,2-Diphenylhydrazine	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.8 U	1.8 U	1.8 U	0.91 J Z	1.9 U	1.8 U	1.3 J Z
Dimethylphthalate	ug/kg	19 U	19 U	20 U	19 U	20 U	19 U	18 U
Dibenzofuran	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Benzo(g,h,i)perylene	ug/kg	1.8 U	1.8 U	0.82 J Z	0.95 J Z	1.9 U	1.8 U	0.84 J Z
Indeno(1,2,3-Cd)Pyrene	ug/kg	1.8 U	1.8 U	0.87 J Z	1.7 U	1.9 U	1.8 U	1.7 U
Benzo(b)fluoranthene	ug/kg	1.8 U	1.8 U	1.0 J Z	0.99 J Z	1.9 U	1.8 U	5.8
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.8 U	1.8 U	1.8 U	1.6 J Z	1.9 U	1.8 U	3
Benzo(k)fluoranthene	ug/kg	1.8 U	2	1.8 U	5	1.9 U	1.8 U	1.7 U
Acenaphthylene	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.9 U	1.8 U	0.52 J Z
Chrysene	ug/kg	1.8 U	0.46 J Z	1.8 U	1.6 J Z	1.9 U	1.8 U	3.9
bis(2-Chloroisopropyl) ether	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Benzo(a)pyrene	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.9 U	1.8 U	1.6 J Z
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1000 U
4,6-Dinitro-2-Methylphenol	ug/kg	540 U	540 U	540 U	520 U	550 U	530 U	510 U
Dibenzo(a,h)anthracene	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.9 U	1.8 U	1.7 U
Benzo(a)anthracene	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.9 U	1.8 U	1.2 J Z
4-Chloro-3-Methylphenol	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-016-SA8S-SB-4.0-5.0 10/20/2011 DE273 4 5	SL-017-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-017-SA8S-SB-4.0-5.0 10/21/2011 DE277 4 5	SL-018-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-018-SA8S-SB-4.0-5.0 10/21/2011 DE277 4 5	SL-018-SA8S-SB-7.5-8.5 10/21/2011 DE277 7.5 8.5	SL-019-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5
Chemical Name	Unit							
Aniline	ug/kg	540 U	540 U	540 U	520 U	550 U	530 U	510 U
Benzoic Acid	ug/kg	540 U	540 U	540 U	520 U	550 U	530 U	510 U
Hexachloroethane	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
4-Chlorophenyl Phenylether	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Hexachlorocyclopentadiene	ug/kg	540 U	540 U	540 U	520 U	550 U	530 U	510 U
Isophorone	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Acenaphthene	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.9 U	1.8 U	1.7 U
Diethylphthalate	ug/kg	19 U	19 U	20 U	19 U	20 U	19 U	18 U
Di-n-Butylphthalate	ug/kg	8.2 J Z	19 U	20 U	19 U	20 U	19 U	18 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.8 U	1.8 U	1.8 U	0.88 J Z	1.9 U	1.8 U	0.81 J Z
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	210
Butylbenzylphthalate (8270C SIM)	ug/kg	13 J Z	19 U	20 U	19 U	20 U	19 U	--
N-Nitrosodiphenylamine	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Fluorene	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.9 U	1.8 U	1.1 J Z
Carbazole	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Pentachlorophenol	ug/kg	540 U	540 U	540 U	520 U	550 U	530 U	510 U
2,4,6-Trichlorophenol	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
2-Nitroaniline	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
2-Nitrophenol	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
1-Methylnaphthalene	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.9 U	1.8 U	1.7 U
Naphthalene	ug/kg	1.8 U	1.8 U	1.8 U	0.75 J Z	1.9 U	1.8 U	1.7 U
2-Methylnaphthalene	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.9 U	1.8 U	1.7 U
2-Chloronaphthalene	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
3,3`-Dichlorobenzidine	ug/kg	360 U	360 U	360 U	340 U	370 U	350 U	340 U
Benidine	ug/kg	3600 U	3600 U	3600 U	3400 U	3700 UJ Q	3500 U	3400 U
2-Methylphenol	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
2-Chlorophenol	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
2,4,5-Trichlorophenol	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
3-Nitroaniline	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U
Benzyl Alcohol	ug/kg	540 U	540 U	540 U	520 U	550 U	530 U	510 U
2,6-Dinitrotoluene	ug/kg	180 U	180 U	180 U	170 U	180 U	180 U	170 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Appendix A10
Semivolatiles - Validated Data
HSA-8S

Sample Name Sample Date SDG Start Depth End Depth		SL-019-SA8S-SB-4.0-5.0 12/02/2011 DE292 4 5	SL-020-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-020-SA8S-SB-4.0-5.0 12/02/2011 DE292 4 5	SL-020-SA8S-SB-9.0-10.0 12/02/2011 DE292 9 10	SL-021-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-021-SA8S-SB-4.0-5.0 12/02/2011 DE292 4 5
Chemical Name	Unit						
N-Nitrosodimethylamine	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U
2,4-Dinitrotoluene	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Nitrobenzene	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
1,4-Dichlorobenzene	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
1,2,4-Trichlorobenzene	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
1,3-Dichlorobenzene	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Hexachlorobutadiene	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
1,2-Dichlorobenzene	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
4-Nitroaniline	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
4-Nitrophenol	ug/kg	530 U	540 U	560 U	560 U	540 U	560 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
2,4-Dimethylphenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
4-Methylphenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
4-Chloroaniline	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
3,5-Dimethylphenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Phenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	19 J Z	--	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	19 U	--	20 U	20 U	300 J S	20 U
Di-N-Octyl Phthalate	ug/kg	19 U	19 U	20 U	20 U	19 U	20 U
Hexachlorobenzene	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Anthracene	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U
2,4-Dichlorophenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
1,2-Diphenylhydrazine	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Pyrene (8270C)	ug/kg	--	--	35 J Z	--	--	--
Pyrene (8270C SIM)	ug/kg	1.8 U	1.8 U	--	1.8 U	6.8 J S	1.9 U
Dimethylphthalate	ug/kg	19 U	19 U	20 U	20 U	19 U	20 U
Dibenzofuran	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Benzo(g,h,i)perylene	ug/kg	1.8 U	1.3 J Z	1.9 U	1.8 U	1.3 J S, Z	1.9 U
Indeno(1,2,3-Cd)Pyrene	ug/kg	1.8 U	0.79 J Z	1.9 U	1.8 U	0.84 J S, Z	1.9 U
Benzo(b)fluoranthene	ug/kg	1.8 U	1.2 J Z	1.9 U	1.8 U	8.1 J S	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	49 J Z	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.8 U	1.5 J Z	--	1.8 U	14 J S	1.9 U
Benzo(k)fluoranthene	ug/kg	1.8 U	3.3	1.9 U	1.8 U	33 J S	1.9 U
Acenaphthylene	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	5.5 J S	1.9 U
Chrysene	ug/kg	1.8 U	1.6 J Z	1.9 U	1.8 U	16 J S	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Benzo(a)pyrene	ug/kg	1.8 U	0.75 J Z	1.9 U	1.8 U	7.6 J S	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1100 U	1100 U	1100 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	530 U	540 U	560 U	560 U	540 U	560 U
Dibenzo(a,h)anthracene	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	2.2 J S	1.9 U
Benzo(a)anthracene	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	19 J S	1.9 U
4-Chloro-3-Methylphenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-019-SA8S-SB-4.0-5.0 12/02/2011 DE292 4 5	SL-020-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-020-SA8S-SB-4.0-5.0 12/02/2011 DE292 4 5	SL-020-SA8S-SB-9.0-10.0 12/02/2011 DE292 9 10	SL-021-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-021-SA8S-SB-4.0-5.0 12/02/2011 DE292 4 5
Chemical Name	Unit						
Aniline	ug/kg	530 U	540 U	560 U	560 U	540 U	560 U
Benzoic Acid	ug/kg	530 R Q	540 U	560 U	560 U	540 U	560 U
Hexachloroethane	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
4-Chlorophenyl Phenylether	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Hexachlorocyclopentadiene	ug/kg	530 U	540 U	560 U	560 U	540 U	560 U
Isophorone	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Acenaphthene	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U
Diethylphthalate	ug/kg	19 U	19 U	20 U	20 U	19 U	20 U
Di-n-Butylphthalate	ug/kg	19 U	19 U	20 U	20 U	19 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	52 J Z	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.8 U	1.8 U	--	1.8 U	3.1 J S	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	220	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	19 U	--	20 U	20 U	220	20 U
N-Nitrosodiphenylamine	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Fluorene	ug/kg	1.8 U	0.74 J Z	1.9 U	1.8 U	5.2 J S	1.9 U
Carbazole	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Pentachlorophenol	ug/kg	530 U	540 U	560 U	560 U	540 U	560 U
2,4,6-Trichlorophenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
2-Nitroaniline	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
2-Nitrophenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
1-Methylnaphthalene	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U
Naphthalene	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.0 J S, Z	1.9 U
2-Methylnaphthalene	ug/kg	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U
2-Chloronaphthalene	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
3,3`-Dichlorobenzidine	ug/kg	350 U	360 U	380 U	370 U	360 U	370 U
Benidine	ug/kg	3500 R Q	3600 U	3800 U	3700 U	3600 U	3700 U
2-Methylphenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
2-Chlorophenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
2,4,5-Trichlorophenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
3-Nitroaniline	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U
Benzyl Alcohol	ug/kg	530 U	540 U	560 U	560 U	540 U	560 U
2,6-Dinitrotoluene	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Appendix A10
Semivolatiles - Validated Data
HSA-8S

Sample Name Sample Date SDG Start Depth End Depth		SL-021-SA8S-SB-9.0-10.0 12/02/2011 DE292 9 10	SL-022-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-022-SA8S-SB-4.0-5.0 12/01/2011 DE291 4 5	SL-022-SA8S-SB-8.0-9.0 12/01/2011 DE291 8 9	SL-023-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-023-SA8S-SB-4.0-5.0 12/01/2011 DE291 4 5
Chemical Name	Unit						
N-Nitrosodimethylamine	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Nitrobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Hexachlorobutadiene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
4-Nitroaniline	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
4-Nitrophenol	ug/kg	560 U	530 U	560 U	570 U	530 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
4-Methylphenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
4-Chloroaniline	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Phenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	22 J Z	--	--	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	19 U B	20 U	20 U	19 U	7.7 J Z
Di-N-Octyl Phthalate	ug/kg	20 U	19 U	20 U	20 U	19 U	20 U
Hexachlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Anthracene	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Dimethylphthalate	ug/kg	20 U	19 U	20 U	20 U	19 U	20 U
Dibenzofuran	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Benzo(g,h,i)perylene	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Indeno(1,2,3-Cd)Pyrene	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Benzo(b)fluoranthene	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Benzo(k)fluoranthene	ug/kg	1.8 U	1.4 J Z	1.9 U	1.9 U	1.6 J Z	1.9 U
Acenaphthylene	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Chrysene	ug/kg	1.8 U	0.51 J Z	1.9 U	1.9 U	1.8 U	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Benzo(a)pyrene	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1100 U	1100 U	1100 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	560 U	530 U	560 U	570 U	530 U	570 U
Dibenzo(a,h)anthracene	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Benzo(a)anthracene	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U

U - Compound not detected above the reporting limit
J - Result is an estimated value
R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-021-SA8S-SB-9.0-10.0 12/02/2011 DE292 9 10	SL-022-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-022-SA8S-SB-4.0-5.0 12/01/2011 DE291 4 5	SL-022-SA8S-SB-8.0-9.0 12/01/2011 DE291 8 9	SL-023-SA8S-SS-0.0-0.5 09/30/2011 DE259 0 0.5	SL-023-SA8S-SB-4.0-5.0 12/01/2011 DE291 4 5
Chemical Name	Unit						
Aniline	ug/kg	560 U	530 U	560 U	570 U	530 U	570 U
Benzoic Acid	ug/kg	560 U	530 U	560 U	570 U	530 U	570 U
Hexachloroethane	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Hexachlorocyclopentadiene	ug/kg	560 U	530 U	560 U	570 U	530 U	570 U
Isophorone	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Acenaphthene	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Diethylphthalate	ug/kg	20 U	19 U	20 U	20 U	19 U	20 U
Di-n-Butylphthalate	ug/kg	20 U	19 U	20 U	20 U	19 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	210	--	--	260	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	--	20 U	20 U	--	20 U
N-Nitrosodiphenylamine	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Fluorene	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Carbazole	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Pentachlorophenol	ug/kg	560 U	530 U	560 U	570 U	530 U	570 U
2,4,6-Trichlorophenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
2-Nitroaniline	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
2-Nitrophenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
1-Methylnaphthalene	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Naphthalene	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
2-Methylnaphthalene	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
2-Chloronaphthalene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
3,3`-Dichlorobenzidine	ug/kg	370 U	350 U	370 U	380 U	350 U	380 U
Benidine	ug/kg	3700 U	3500 U	3700 U	3800 U	3500 U	3800 U
2-Methylphenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
2-Chlorophenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
2,4,5-Trichlorophenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
3-Nitroaniline	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U
Benzyl Alcohol	ug/kg	560 U	530 U	560 U	570 U	530 U	570 U
2,6-Dinitrotoluene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U

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Appendix A10
Semivolatiles - Validated Data
HSA-8S

Sample Name Sample Date SDG Start Depth End Depth		SL-023-SA8S-SB-9.0-10.0 12/01/2011 DE291 9 10	SL-024-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-024-SA8S-SB-4.0-5.0 11/16/2011 DE287 4 5	SL-024-SA8S-SB-7.0-8.0 11/16/2011 DE287 7 8
Chemical Name	Unit				
N-Nitrosodimethylamine	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
2,4-Dinitrotoluene	ug/kg	180 U	170 U	190 U	190 U
Nitrobenzene	ug/kg	180 U	170 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	180 U	170 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	180 U	170 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	180 U	170 U	190 U	190 U
Hexachlorobutadiene	ug/kg	180 U	170 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	180 U	170 U	190 U	190 U
4-Nitroaniline	ug/kg	180 U	170 U	190 U	190 U
4-Nitrophenol	ug/kg	550 U	520 U	560 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	170 U	190 U	190 U
2,4-Dimethylphenol	ug/kg	180 U	170 U	190 U	190 U
4-Methylphenol	ug/kg	180 U	170 U	190 U	190 U
4-Chloroaniline	ug/kg	180 U	170 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	180 U	170 U	190 U	190 U
Phenol	ug/kg	180 U	170 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	170 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	170 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	19 J Z	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	19 U	7.2 J Z	20 U
Di-N-Octyl Phthalate	ug/kg	20 U	19 U	20 U	20 U
Hexachlorobenzene	ug/kg	180 U	170 U	190 U	190 U
Anthracene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
2,4-Dichlorophenol	ug/kg	180 U	170 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	180 U	170 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
Dimethylphthalate	ug/kg	20 U	19 U	20 U	20 U
Dibenzofuran	ug/kg	180 U	170 U	190 U	190 U
Benzo(g,h,i)perylene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
Indeno(1,2,3-Cd)Pyrene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
Benzo(b)fluoranthene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
Benzo(k)fluoranthene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
Acenaphthylene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
Chrysene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	180 U	170 U	190 U	190 U
Benzo(a)pyrene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1000 U	1100 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	550 U	520 UJ L	560 U	570 U
Dibenzo(a,h)anthracene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
Benzo(a)anthracene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	180 U	170 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	170 U	190 U	190 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-023-SA8S-SB-9.0-10.0 12/01/2011 DE291 9 10	SL-024-SA8S-SS-0.0-0.5 09/29/2011 DE258 0 0.5	SL-024-SA8S-SB-4.0-5.0 11/16/2011 DE287 4 5	SL-024-SA8S-SB-7.0-8.0 11/16/2011 DE287 7 8
Chemical Name	Unit				
Aniline	ug/kg	550 U	520 U	560 U	570 U
Benzoic Acid	ug/kg	550 U	520 UJ L	560 U	570 U
Hexachloroethane	ug/kg	180 U	170 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	180 U	170 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	550 U	520 U	560 U	570 U
Isophorone	ug/kg	180 U	170 U	190 U	190 U
Acenaphthene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
Diethylphthalate	ug/kg	20 U	19 U	20 U	20 U
Di-n-Butylphthalate	ug/kg	20 U	19 U	20 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	19 U	20 U	20 U
N-Nitrosodiphenylamine	ug/kg	180 U	170 U	190 U	190 U
Fluorene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
Carbazole	ug/kg	180 U	170 U	190 U	190 U
Pentachlorophenol	ug/kg	550 U	520 U	560 U	570 U
2,4,6-Trichlorophenol	ug/kg	180 U	170 U	190 U	190 U
2-Nitroaniline	ug/kg	180 U	170 U	190 U	190 U
2-Nitrophenol	ug/kg	180 U	170 U	190 U	190 U
1-Methylnaphthalene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
Naphthalene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
2-Methylnaphthalene	ug/kg	1.8 U	1.7 U	1.8 U	1.9 U
2-Chloronaphthalene	ug/kg	180 U	170 U	190 U	190 U
3,3`-Dichlorobenzidine	ug/kg	370 U	350 U	370 U	380 U
Benzidine	ug/kg	3700 U	3500 U	3700 U	3800 U
2-Methylphenol	ug/kg	180 U	170 U	190 U	190 U
2-Chlorophenol	ug/kg	180 U	170 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	180 U	170 U	190 U	190 U
3-Nitroaniline	ug/kg	180 U	170 U	190 U	190 U
Benzyl Alcohol	ug/kg	550 U	520 U	560 U	570 U
2,6-Dinitrotoluene	ug/kg	180 U	170 U	190 U	190 U

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J - Result is an estimated value
R - Result is rejected