

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	MCP
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	Benidine	
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-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-001-SA5DN-SB-5.5-6.5 05/17/2011 DE153 5.5 6.5	SL-001-SA5DN-SB-9.0-10.0 05/17/2011 DE153 9 10	SL-002-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-002-SA5DN-SB-4.0-5.0 05/16/2011 DE151 4 5	SL-002-SA5DN-SB-9.0-10.0 05/16/2011 DE151 9 10	SL-003-SA5DN-SB-0.5-1.5 05/16/2011 DE151 0.5 1.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	1.6 J Z
Fluoride	mg/kg	1.9 J Q	5	9.7	2.9 J Q	24.2 J Q	12.6 J Q	7.0 J Q
Cyanide	mg/kg	--	--	--	--	--	--	0.60 U
Aluminum	mg/kg	33600	23000	21900	14100	34000	29300	32800
Iron	mg/kg	33400	29700	26000	19000	33800	35000	35100
Lead	mg/kg	13.6 J Q	13.6 J E	7.70 J E	7.41 J Q	13.0 J Q	10.5 J Q	14.0 J Q
Lithium	mg/kg	26.2	24.7	21.5	13.6	28.4	28.3	26.1
Magnesium	mg/kg	6930	7420	5270	4670	7000	6960	7060
Manganese	mg/kg	431	577	617	317	515 J E	517 J E	698 J E
Mercury	mg/kg	0.0067 J Q, E, Z	0.110 U	0.110 U	0.0228 J Q, E, Z	0.113 U	0.111 U	0.112 U
Molybdenum	mg/kg	0.479	0.476	0.34	0.575	0.423 J Q	0.651 J Q	0.723 J Q
Nickel	mg/kg	22.1 J Q	33.1 J Q	16.4 J Q	10.9 J Q	32.7 J Q	25.6 J Q	30.3 J Q
Potassium	mg/kg	5560	3250 J Q	2910 J Q	2580	3130 J E	3300 J E	4160 J E
Silver	mg/kg	0.0456 J Z	0.0732 J Q, Z	0.0335 J Q, Z	0.0310 J Z	0.0765 J E, Z	0.0385 J E, Z	0.0639 J E, Z
Sodium	mg/kg	87.6 J Z	420	418	245	659	739	208
Strontium	mg/kg	34.8 J E	43.7	25.4	36.2 J E	61.6	55	43.6
Thallium	mg/kg	0.365	0.465 J Q	0.280 J Q	0.17	0.402	0.425	0.514
Tin	mg/kg	11.0 U B	11.5 U B	11.1 U B	10.0 U B	11.5 U B	11.4 U B	11.7 U B
Titanium	mg/kg	1330	494	1070	884	1100	1390	1180
Antimony	mg/kg	0.116 J Q, Z	0.208 J Q, E, Z	0.109 J Q, E, Z	0.123 J Q, Z	0.446 J Q	0.425 J Q	0.410 J Q
Arsenic	mg/kg	6.08 J Q	8.55 J Q	5.59 J Q	4.68 J Q	8.95 J *#	10.4 J *#	9.73 J *#
Beryllium	mg/kg	0.809	1.18 J Q	0.688 J Q	0.34	1.19 J Q	1.10 J Q	1.21 J Q
Barium	mg/kg	137	205	95.4	92.5	196 J E	165 J E	193 J E
Boron	mg/kg	7.51	20.7	18.2	2.17 J Z	15.5	15	16.5
Cadmium	mg/kg	0.365	0.418 J Q	0.135 J Q	0.205	0.216	0.243	0.157
Chromium	mg/kg	29.4 J A	38.4 J Q	18.4 J Q	18.7 J A	39.9 J Q	35.2 J Q	43.3 J Q
Cobalt	mg/kg	11.3	16.4 J Q	8.94 J Q	6.52	14.9 J E, Q	10.5 J E, Q	14.9 J E, Q
Copper	mg/kg	16.6 J E, Q	23.6 J Q	9.51 J Q	13.8 J E, Q	18.6 J E	19.8 J E	23.1 J E
Vanadium	mg/kg	55.4 J A	64.0 J Q	35.9 J Q	35.2 J A	75.4	70.7	83.2
Zinc	mg/kg	74.5	96.9	54.1	47.1	58.2	66.5	65.2
Zirconium	mg/kg	4.32 J Z	5.75 U	2.39 J Z	3.15 J Z	5.51 J Z	7.08	6.4
Calcium	mg/kg	6900 J E	15200 J E	5370 J E	12600 J E	13300	12000	6790
Phosphorus	mg/kg	328 J E	253 J Q, E	254 J Q, E	436 J E	167	256	239
Selenium	mg/kg	0.219 J Z	0.140 J Z	0.0475 J Z	0.0930 J Z	0.0763 J Z	0.0860 J Z	0.216 J Z
Chromium VI	mg/kg	0.65 J Z	1.2 U	1.1 U	0.46 J Z	1.1 U	1.1 U	0.61 J Z
Perchlorate (314.0)	ug/kg	34.2 U	35.2 U	33.6 U	31.5 U	34.4 U	34.4 U	36.0 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	6.0 U
Percent Moisture	%	12.4	14.7	10.8	4.9	12.9	12.8	16.7
pH	pH unit	7.6	8.48	8.55	8.3	7.92	8.31	7.7

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-SA5DN-SB-8.0-9.0 05/16/2011 DE151 8 9	SL-004-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-004-SA5DN-SB-3.5-4.5 05/16/2011 DE151 3.5 4.5	SL-004-SA5DN-SB-9.0-10.0 05/16/2011 DE151 9 10	SL-005-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-005-SA5DN-SB-4.0-5.0 05/17/2011 DE153 4 5	SL-005-SA5DN-SB-9.0-10.0 05/17/2011 DE153 9 10
Chemical Name	Unit							
Nitrate	mg/kg	7.8	--	1.5 J Z	7.9	--	--	--
Fluoride	mg/kg	5.8 J Q	2.7 J Q	2.8 J Q	6.7 J Q	2.2 J Q	3.4	7.6
Cyanide	mg/kg	0.56 U	--	0.60 U	0.56 U	--	--	--
Aluminum	mg/kg	22300	18500	33100	27800	32900	27600	25600
Iron	mg/kg	34400	26400	33100	23800	33000	34700	32400
Lead	mg/kg	10.4 J Q	6.28 J Q	13.2 J Q	6.59 J Q	13.6 J Q	10.3 J E	8.34 J E
Lithium	mg/kg	28.6	19.7	25.4	25.5	25.4	27.6	26.4
Magnesium	mg/kg	6350	8040	6740	5230	7320	7870	5890
Manganese	mg/kg	237 J E	229	441 J E	174 J E	465	420	349
Mercury	mg/kg	0.0306 J Z	0.106 UJ E	0.116 U	0.111 U	0.0071 J Q, E, Z	0.114 U	0.111 U
Molybdenum	mg/kg	0.415 J Q	0.347	0.609 J Q	0.426 J Q	0.542	0.318	0.374
Nickel	mg/kg	23.2 J Q	12.9 J Q	25.6 J Q	16.3 J Q	21.6 J Q	24.0 J Q	22.3 J Q
Potassium	mg/kg	2650 J E	2780	4490 J E	2640 J E	6780	4180 J Q	3260 J Q
Silver	mg/kg	0.0713 J E, Z	0.0205 J Z	0.0679 J E, Z	0.0345 J E, Z	0.0414 J Z	0.0426 J Q, Z	0.0785 J Q, Z
Sodium	mg/kg	676	140	236	581	86.7 J Z	132	148
Strontium	mg/kg	52.6	23.1 J E	40.7	86.1	35.5 J E	63.1	40.4
Thallium	mg/kg	0.437	0.229	0.471	0.295	0.356	0.348 J Q	0.335 J Q
Tin	mg/kg	10.8 U B	10.7 U B	11.5 U B	11.0 U B	11.1 U B	11.7 U B	11.0 U B
Titanium	mg/kg	1400	1080	1510	1190	1300	1130	1220
Antimony	mg/kg	0.246 J Q	0.214 UJ Q	0.392 J Q	0.270 J Q	0.163 J Q, Z	0.159 J Q, E, Z	0.205 J Q, E, Z
Arsenic	mg/kg	11.2 J *#	2.36 J Q	6.72 J *#	5.52 J *#	5.74 J Q	7.01 J Q	8.32 J Q
Beryllium	mg/kg	1.04 J Q	0.564	1.10 J Q	0.735 J Q	0.783	0.878 J Q	0.996 J Q
Barium	mg/kg	149 J E	91.3	174 J E	121 J E	128	139	146
Boron	mg/kg	10.9	5.35 U	18	12.7	9.8	25.6	19.7
Cadmium	mg/kg	0.306	0.0740 J Z	0.418	0.15	0.424	0.441 J Q	0.252 J Q
Chromium	mg/kg	36.3 J Q	15.3 J A	40.0 J Q	24.6 J Q	29.1 J A	32.5 J Q	30.9 J Q
Cobalt	mg/kg	8.24 J E, Q	8.37	11.7 J E, Q	6.83 J E, Q	10.3	11.2 J Q	8.27 J Q
Copper	mg/kg	21.1 J E	12.6 J E, Q	21.8 J E	12.9 J E	17.2 J E, Q	18.2 J Q	16.6 J Q
Vanadium	mg/kg	68.2	46.5 J A	76.5	49.3	53.1 J A	56.9 J Q	52.9 J Q
Zinc	mg/kg	55.5	52.3	69.8	48.3	79.5	79	78.4
Zirconium	mg/kg	5.09 J Z	1.68 J Z	8.13	5.21 J Z	4.74 J Z	3.82 J Z	2.62 J Z
Calcium	mg/kg	34500	3680 J E	5670	67600	6950 J E	28600 J E	24300 J E
Phosphorus	mg/kg	523	444 J E	241	208	461 J E	454 J Q, E	283 J Q, E
Selenium	mg/kg	0.0623 J Z	0.0809 J Z	0.288 J Z	0.0513 J Z	0.223 J Z	0.102 J Z	0.451 U
Chromium VI	mg/kg	1.1 U	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U	1.1 U
Perchlorate (314.0)	ug/kg	33.5 U	32.8 U	35.9 U	34.0 U	34.0 U	35.4 U	34.1 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	10.5	8.4	16.5	11.8	11.7	15.3	12.1
pH	pH unit	8.36	7.39	6.96	7.97	6.72	8.32	8.23

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-006-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-006-SA5DN-SB-4.0-5.0 08/11/2011 DE222 4 5	SL-006-SA5DN-SB-9.0-10.0 08/11/2011 DE222 9 10	SL-007-SA5DN-SS-0.0-0.5 08/22/2011 DE229 0 0.5	SL-007-SA5DN-SB-4.0-5.0 08/10/2011 DE221 4 5	SL-008-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-008-SA5DN-SB-4.0-5.0 05/31/2011 DE168 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.9 J Q	15.8 J Q	3.7 J Q	3.2 J Q	4.5 J Q	2.5 J Q	8.4 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	28800	28000	19600	26900	34100	23200	29900
Iron	mg/kg	29000	27400	23800	28000	33900	24100	29200
Lead	mg/kg	17.4 J Q	8.49	8.06	16.2 J Q, E	9.41	7.36 J Q, E, A	9.71 J E, Q
Lithium	mg/kg	25	22.7	18.4	24.4	26.7	20.9	24.2
Magnesium	mg/kg	6230	4990	4300	6620	6240	6200	6330
Manganese	mg/kg	410	275	444	492	319	356	246 J E
Mercury	mg/kg	0.114 UJ E	0.0090 J Z	0.111 U	0.0139 J Z	0.115 U	0.107 U	0.113 U
Molybdenum	mg/kg	0.564	0.243	0.267	1.97	0.241	0.315	0.284
Nickel	mg/kg	21.4 J Q	16.2	17.8	26.7 J Q	21.4	13.6 J Q, E, A	18
Potassium	mg/kg	4250	1990	2070	5030	2680	4810	3070 J Q
Silver	mg/kg	0.0550 J Z	0.0487 J Z	0.0241 J Z	0.0721 J Z	0.0561 J Z	0.0289 J Z	0.0548 J Z
Sodium	mg/kg	105 J Z	195	157	142	215	126	737
Strontium	mg/kg	35.6 J E	58.2	39.8	46.1	38.9	76.9	44.5
Thallium	mg/kg	0.317	0.278	0.271	0.386	0.317	0.271	0.281
Tin	mg/kg	11.5 U B	11.3 U B	10.9 U B	11.4 U B	11.5 U B	10.4 U B	11.2 U B
Titanium	mg/kg	1260	1120	1040	1410	1180	1420 J E	1170
Antimony	mg/kg	0.359 J Q	0.142 J Q, Z	0.220 UJ Q	0.229 R Q, E	0.156 J Q, Z	0.103 J Q, Z	0.177 J Q, Z
Arsenic	mg/kg	29.4 J Q	6.64	5.33	7.48 J E, Q	6.22	4.26 J Q	6.54
Beryllium	mg/kg	0.75	0.874	0.672	0.91	1.06	0.510 J Q	0.807 J Q
Barium	mg/kg	133	119	85.1	160	142	85.0 J E, A	131
Boron	mg/kg	5.64 J Z	6.24	6.41	6.51	8.36	12.1	17.5
Cadmium	mg/kg	0.831	0.107 J Z	0.0976 J Z	0.432	0.193	0.221	0.128
Chromium	mg/kg	25.9 J A	30.6	25.6	36	36.2	21.3 J Q, A	27.2 J A
Cobalt	mg/kg	10.9	9.96	9.59	14.0 J E	9.9	6.96 J E, A	9.12
Copper	mg/kg	17.0 J E, Q	13.1	12.9	21.6 J Q	14.4	10.8 J Q, E, A	12.8
Vanadium	mg/kg	49.0 J A	55.4 J Q	49.2 J Q	72.3	64.6 J Q	40.7 J Q, A	54.8 J A
Zinc	mg/kg	187	51.8	51.1	89.3	56.2	52.1 J E	52.4
Zirconium	mg/kg	3.69 J Z	5.65 U B	3.59 J Z	4.20 J Z	3.90 J Z	3.47 J Z	3.20 J Z
Calcium	mg/kg	5700 J E	54600	7190	12100	5270	37800	33000 J E
Phosphorus	mg/kg	357 J E	140	271	584	179	476	278
Selenium	mg/kg	0.170 J Z	0.452 U	0.440 U	0.333 J E, Z	0.0780 J Z	0.178 J Z	0.0523 J Z
Chromium VI	mg/kg	0.73 J Z	1.1 U	1.1 U	0.23 J Z	0.69 J Z	0.55 J Z	1.2 U
Perchlorate (314.0)	ug/kg	35.9 U	34.2 U	34.0 U	34.3 U	35.1 U	32.5 U	34.8 U
Perchlorate (6850)	ug/kg	--	--	5.7 U	--	--	--	--
Percent Moisture	%	16.5	12.4	11.8	12.5	14.5	7.6	13.7
pH	pH unit	7.35	8.34	8.24	7.18	7.97	8.19	8.93

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-008-SA5DN-SB-9.0-10.0 05/31/2011 DE168 9 10	SL-009-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-009-SA5DN-SB-4.0-5.0 08/09/2011 DE220 4 5	SL-009-SA5DN-SB-9.0-10.0 08/09/2011 DE220 9 10	SL-010-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-010-SA5DN-SB-4.0-5.0 05/31/2011 DE168 4 5	SL-010-SA5DN-SB-9.0-10.0 05/31/2011 DE168 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	2.8 J Q	1.2 J Q, Z	5.7 J E, Q	6.4 J E, Q	1.0 UJ Q	6.4 J Q	11.8 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	18700	25500	16600	28300	10700	25100	29600
Iron	mg/kg	21600	27300	18700	29100	22900	29100	37900
Lead	mg/kg	5.23 J E, Q	13.8 J Q, E, A	7.94 J Q	14.6 J Q	3.17 J Q, E, A	5.77 J E, Q	9.45 J E, Q
Lithium	mg/kg	22.4	21.6	17.7	25.2	13.3	29.5	30.3
Magnesium	mg/kg	4220	6470	3270	5680	5550	5360	6540
Manganese	mg/kg	240 J E	398	137 J Q, E	386 J Q, E	291	272 J E	653 J E
Mercury	mg/kg	0.106 U	0.128 U	0.0232 J Z	0.109 U	0.0997 U	0.109 U	0.0056 J Z
Molybdenum	mg/kg	0.39	0.57	0.603	1.02	0.144	0.403	0.333
Nickel	mg/kg	10.8	19.5 J Q, E, A	13.0 J Q, A	28.5 J Q, A	9.04 J Q, E, A	16.9	20.8
Potassium	mg/kg	2510 J Q	4980	2190 J Q	3480 J Q	4740	3460 J Q	3000 J Q
Silver	mg/kg	0.0255 J Z	0.0445 J Z	0.0481 J Z	0.0668 J Z	0.0969 U	0.0281 J Z	0.0223 J Z
Sodium	mg/kg	414	111 J Z	95.4 J Z	136	257	469	515
Strontium	mg/kg	20.9	76.6	17	29.9	31	25.6	36.3
Thallium	mg/kg	0.283	0.343	0.235	0.439	0.246	0.298	0.307
Tin	mg/kg	11.0 U B	12.8 U B	10.7 U B	11.4 U B	10.1 U B	11.0 U B	11.0 U B
Titanium	mg/kg	1350	1500 J E	979	1350	1530 J E	1370	1240
Antimony	mg/kg	0.139 J Q, Z	0.286 J Q	0.213 UJ B, Q	0.853 J Q	0.194 UJ Q	0.143 J Q, Z	0.227 J Q, Z
Arsenic	mg/kg	5.57	7.21 J Q	5.33 J Q	12.1 J Q	1.72 J Q	5.83	7.01
Beryllium	mg/kg	0.616 J Q	0.584 J Q	0.697	1.23	0.143 J Q	0.754 J Q	0.918 J Q
Barium	mg/kg	74.4	134 J E, A	96.4	166	142 J E, A	104	143
Boron	mg/kg	10.3	13.1	5.33 U B, F	5.85	3.92 J Z	13.5	17
Cadmium	mg/kg	0.0765 J Z	0.388	0.112	0.16	0.0697 J Z	0.117	0.121
Chromium	mg/kg	17.5 J A	30.1 J Q, A	15.6 J E, A	35.3 J E, A	21.5 J Q, A	22.0 J A	27.3 J A
Cobalt	mg/kg	6.04	9.94 J E, A	11.9 J FD, E	14.5 J E	7.34 J E, A	6.74	11.1
Copper	mg/kg	8.84	16.3 J Q, E, A	8.73 J E	20.2 J E	14.8 J Q, E, A	10.2	12.1
Vanadium	mg/kg	36.7 J A	57.3 J Q, A	34.5 J E, A	76.9 J E, A	41.8 J Q, A	44.9 J A	52.8 J A
Zinc	mg/kg	50.2	123 J E	38.7 J E, Q	80.8 J E, Q	61.0 J E	58.3	56.5
Zirconium	mg/kg	1.68 J Z	2.84 J Z	3.05 J Z	4.99 J Z	5.04 U	2.25 J Z	3.03 J Z
Calcium	mg/kg	8250 J E	35000	2500	6200	5230	4020 J E	6300 J E
Phosphorus	mg/kg	178	588	178 J Q	398 J Q	714	290	256
Selenium	mg/kg	0.428 U	0.219 J Z	0.426 UJ E	0.107 J Q, E, Z	0.388 U	0.454 U	0.0526 J Z
Chromium VI	mg/kg	1.1 U	0.65 J Z	1.1 U	1.2 U	1.0 U	1.1 U	0.35 J Z
Perchlorate (314.0)	ug/kg	33.4 U	39.4 U	33.3 U	34.8 U	30.5 U	34.4 U	34.4 U
Perchlorate (6850)	ug/kg	--	--	--	5.8 U	--	--	2.4 J Z
Percent Moisture	%	10.1	23.9	9.8	13.8	1.7	12.8	12.7
pH	pH unit	9.13	8.29	7.93	8	8.84	8.68	8.51

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-011-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-011-SA5DN-SB-4.0-5.0 08/09/2011 DE220 4 5	SL-012-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-012-SA5DN-SB-4.0-5.0 08/09/2011 DE220 4 5	SL-012-SA5DN-SB-9.0-10.0 08/09/2011 DE220 9 10	SL-013-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-013-SA5DN-SB-4.0-5.0 05/31/2011 DE168 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	2	1.5 U	1.3 J Z	1.2 J Z	12.5
Fluoride	mg/kg	1.4 J Q	7.9 J E, Q	7.7 J Q	2.7 J E, Q	7.2 J E, Q	2.5 J Q	11.7 J Q
Cyanide	mg/kg	--	--	0.55 U	0.52 U	0.57 U	0.52 U	0.55 U
Aluminum	mg/kg	26000	21200	31000	15400	25000	14700	38600
Iron	mg/kg	27700	25400	31300	22600	26400	22200	38400
Lead	mg/kg	11.5 J Q, E, A	8.23 J Q	13.1 J Q, E, A	1.54 J Q	9.92 J Q	7.54 J Q, E, A	9.50 J E, Q
Lithium	mg/kg	21.8	19.6	26.5	8.7	22.7	15.1	31.3
Magnesium	mg/kg	6370	4230	6610	7920	4710	5080	8050
Manganese	mg/kg	418	479 J Q, E	346	177 J Q, E	290 J Q, E	286	374 J E
Mercury	mg/kg	0.112 U	0.109 U	0.108 U	0.0123 J Z	0.0211 J Z	0.0034 J Z	0.115 U
Molybdenum	mg/kg	0.412	0.489	0.411	0.227	0.535	0.81	0.369
Nickel	mg/kg	19.8 J Q, E, A	17.6 J Q, A	22.7 J Q, E, A	29.8 J Q, A	23.6 J Q, A	12.2 J Q, E, A	22.8
Potassium	mg/kg	4870	2220 J Q	3040	2750 J Q	2920 J Q	3500	3340 J Q
Silver	mg/kg	0.0310 J Z	0.0419 J Z	0.0568 J Z	0.103 U	0.0868 J Z	0.0320 J Z	0.0532 J Z
Sodium	mg/kg	110	148	265	357	370	250	624
Strontium	mg/kg	71.1	28.2	42.5	91.4	33.6	35.8	52.5
Thallium	mg/kg	0.321	0.276	0.371	0.0642 J Z	0.393	0.21	0.343
Tin	mg/kg	10.9 U B	11.0 U B	10.8 U B	10.3 U B	11.4 U B	10.1 U B	11.3 U B
Titanium	mg/kg	1420 J E	1030	1190 J E	1200	1160	1310 J E	1350
Antimony	mg/kg	0.171 J Q, Z	0.220 UJ B, Q	0.160 J Q, Z	0.206 UJ Q	0.230 UJ B, Q	0.0962 J Q, Z	0.270 J Q
Arsenic	mg/kg	6.38 J Q	7.19 J Q	7.34 J Q	0.944 J Q	6.43 J Q	3.56 J Q	6.22
Beryllium	mg/kg	0.551 J Q	0.908	0.763 J Q	0.149	0.965	0.295 J Q	0.949 J Q
Barium	mg/kg	138 J E, A	117	184 J E, A	177	149	150 J E, A	183
Boron	mg/kg	13.1	5.51 U B, F	7.38	5.14 U B, F	4.59 J Z	5.29	19.9
Cadmium	mg/kg	0.321	0.115	0.232	0.0708 J Z	0.171	0.196	0.186
Chromium	mg/kg	30.4 J Q, A	24.5 J E, A	32.7 J Q, A	23.2 J E, A	30.0 J E, A	17.8 J Q, A	32.9 J A
Cobalt	mg/kg	10.5 J E, A	8.43 J E	9.76 J E, A	14.5 J E	14.3 J E	7.38 J E, A	10
Copper	mg/kg	15.9 J Q, E, A	12.7 J E	19.9 J Q, E, A	19.2 J E	16.2 J E	15.4 J Q, E, A	15.1
Vanadium	mg/kg	59.3 J Q, A	49.1 J E, A	58.7 J Q, A	49.0 J E, A	54.3 J E, A	38.7 J Q, A	60.3 J A
Zinc	mg/kg	77.9 J E	49.8 J E, Q	181 J E	31.7 J E, Q	67.9 J E, Q	62.7 J E	65.1
Zirconium	mg/kg	3.22 J Z	3.07 J Z	2.78 J Z	5.14 U	3.92 J Z	1.71 J Z	3.37 J Z
Calcium	mg/kg	32100	3760	13700	9050	7000	6580	9200 J E
Phosphorus	mg/kg	507	253 J Q	256	1570 J Q	369 J Q	664	161
Selenium	mg/kg	0.207 J Z	0.441 UJ E	0.148 J Z	0.129 J Q, E, Z	0.461 UJ E	1.08	0.0862 J Z
Chromium VI	mg/kg	0.67 J Z	0.28 J Z	0.64 J Z	1.0 U	1.2 U	0.58 J Z	0.37 J Z
Perchlorate (314.0)	ug/kg	33.8 U	33.7 U	33.7 U	31.4 U	34.9 U	31.1 U	34.7 U
Perchlorate (6850)	ug/kg	--	5.6 U	5.6 U	--	--	5.2 U	--
Percent Moisture	%	11.2	11	11	4.6	14	3.6	13.5
pH	pH unit	8.17	8.04	8.63	8.3	8.49	8.61	8.01

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Sample Name Sample Date SDG Start Depth End Depth		SL-013-SA5DN-SB-9.0-10.0 05/31/2011 DE168 9 10	SL-014-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-014-SA5DN-SB-4.0-5.0 05/31/2011 DE169 4 5	SL-014-SA5DN-SB-9.0-10.0 05/31/2011 DE169 9 10	SL-015-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-015-SA5DN-SB-4.0-5.0 06/01/2011 DE170 4 5	SL-015-SA5DN-SB-12.0-13.0 06/01/2011 DE170 12 13
Chemical Name	Unit							
Nitrate	mg/kg	7.7	1.4 J Z	1.6 J Z	2.7	1.7 U	2.2 J Q	3.6 J Q
Fluoride	mg/kg	4.9 J Q	3.4 J Q	18.2 J FD, Q	5.4 J Q	2.2	10.8 J Q	4.6 J Q
Cyanide	mg/kg	0.57 U	0.55 U	0.56 U	0.54 U	0.54 U	0.57 U	0.55 U
Aluminum	mg/kg	32300	33600	30300	22300	35000	24200	16500
Iron	mg/kg	28900	33600	34300	27400	33800	30900	22900
Lead	mg/kg	9.33 J E, Q	14.5 J Q, E, A	9.75	8.34	17.9	13.5	8.65
Lithium	mg/kg	26.1	27.1	28.5	23	29.7	22.7	29
Magnesium	mg/kg	6120	7110	6890	5850	7710	6000	4600
Manganese	mg/kg	291 J E	421	1370 J FD, E	334 J E	396	338 J E	301 J E
Mercury	mg/kg	0.0038 J Z	0.105 U	0.111 UJ FD	0.0037 J Z	0.0458 J Z	0.0155 J E, Q, Z	0.0091 J E, Q, Z
Molybdenum	mg/kg	0.796	0.452	0.311	0.271	0.702 J E, Q	0.326 J E, Q	0.561 J E, Q
Nickel	mg/kg	20.6	27.5 J Q, E, A	18.2 J E, Q	17.3 J E, Q	31.2 J E, Q	24.4 J Q, E	21.5 J Q, E
Potassium	mg/kg	3470 J Q	4360	2520 J E	3010 J E	4580 J Q	3200	2420
Silver	mg/kg	0.0420 J Z	0.0625 J Z	0.0847 J FD, Z	0.0336 J Z	0.0755 J Q, Z	0.0526 J Q, Z	0.0503 J Q, Z
Sodium	mg/kg	625	218	741	494	123	469	267
Strontium	mg/kg	55.7	47.1	49.7	36.3	45.3	45.6	27.1
Thallium	mg/kg	0.32	0.441	0.301	0.294	0.503 J Q	0.372 J Q	0.398 J Q
Tin	mg/kg	11.3 U B	10.6 U B	11.1 U B	11.5 U B	11.3 U B, Z	11.3 U B	10.5 U B
Titanium	mg/kg	1420	1510 J E	963	1210	1700	550	1200
Antimony	mg/kg	0.258 J Q	0.172 J Q, Z	0.135 J FD, Q, Z	0.174 J Q, Z	0.435 J Q	0.103 J Q, E, Z	0.103 J Q, E, Z
Arsenic	mg/kg	7.52	7.98 J Q	5.63 J Q	6.92 J Q	9.24 J E, Q	6.64 J Q	9.06 J Q
Beryllium	mg/kg	0.763 J Q	0.773 J Q	0.867	0.678	1.14 J E	1.06 J Q	0.878 J Q
Barium	mg/kg	136	150 J E, A	148	87.4	163 J E	175 J E	101 J E
Boron	mg/kg	13.3	11.3	5.54 UJ FD	5.77 U	2.11 J Z	10.9	8.04
Cadmium	mg/kg	0.171	0.362	0.148	0.16	0.421 J E, Q	0.281 J Q, E	0.162 J Q, E
Chromium	mg/kg	29.1 J A	39.5 J Q, A	26.9 J Q, A	22.2 J Q, A	29.7 J *#	32.8 J Q, E	30.8 J Q, E
Cobalt	mg/kg	9.56	13.6 J E, A	12.6	8.38	11.2 J E, *#	12.5 J Q, E	7.83 J Q, E
Copper	mg/kg	12.3	21.5 J Q, E, A	13.5	13.1	23.0 J E, Q	17.1 J Q	18.2 J Q
Vanadium	mg/kg	58.1 J A	74.3 J Q, A	42.9 J Q, A	45.8 J Q, A	100 J E	59.3 J A	58.0 J A
Zinc	mg/kg	65.1	99.5 J E	59.7	64.5	106 J *#	81.8	82.5
Zirconium	mg/kg	2.52 J Z	4.20 J Z	2.09 J Z	3.28 J Z	7.37	2.89 J Z	1.65 J Z
Calcium	mg/kg	21000 J E	12400	6810 J FD, E	6670 J E	11500 J E	17900	4940
Phosphorus	mg/kg	270	389	169	269	332 J Q	317 J Q	355 J Q
Selenium	mg/kg	0.0588 J Z	0.144 J Z	0.0640 J FD, Z	0.0602 J Z	0.148 J Z	0.0901 J Z	0.0728 J Z
Chromium VI	mg/kg	1.8	1.7	1.2 J FD	1.2 U	0.93 J Z	0.33 J Z	1.1 U
Perchlorate (314.0)	ug/kg	34.2 U	33.2 U	34.2 U	35.0 U	34.1 U	34.9 U	32.9 U
Perchlorate (6850)	ug/kg	--	5.5 U	--	--	5.7 U	--	--
Percent Moisture	%	12.4	9.7	12.3	14.2	12.1	14.1	8.8
pH	pH unit	8.22	8.21	8.95	8.92	8.1	8.89	8.42

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-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-016-SA5DN-SB-4.0-5.0 06/02/2011 DE172 4 5	SL-016-SA5DN-SB-12.0-13.0 06/02/2011 DE172 12 13	SL-017-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-017-SA5DN-SB-4.0-5.0 06/01/2011 DE170 4 5	SL-017-SA5DN-SB-7.0-8.0 06/01/2011 DE170 7 8	SL-018-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	1.3 J Z	2.4	1.9	--	--	--	2.4
Fluoride	mg/kg	3.9	10.2 J Q	5.5 J Q	2	12.0 J Q	4.5 J Q	4.1 J Q
Cyanide	mg/kg	0.54 U	0.59 U	0.55 U	--	--	--	0.53 U
Aluminum	mg/kg	30400	33500	21200	29000	24500	27100	29800
Iron	mg/kg	30900	32500	35700	32400	26900	41100	31900
Lead	mg/kg	12.7	10.7	5.88	17.4	13.3	15.3	21.8 J Q, E, A
Lithium	mg/kg	26.4	27.5	29	25.5	24.4	46.5	23.2
Magnesium	mg/kg	7030	6950	6810	6910	5620	10300	6170
Manganese	mg/kg	382	393	905	393	510 J E	509 J E	404
Mercury	mg/kg	0.111 U	0.113 U	0.0078 J Z	0.109 U	0.0075 J E, Q, Z	0.113 U J E, Q	0.257
Molybdenum	mg/kg	0.509 J E, Q	0.486	0.181	0.929 J E, Q	0.223 J E, Q	0.480 J E, Q	0.61
Nickel	mg/kg	21.8 J E, Q	21.6	14	25.5 J E, Q	25.3 J Q, E	44.0 J Q, E	26.5 J Q, E, A
Potassium	mg/kg	4340 J Q	3770	3290	4510 J Q	2760	3050	4510
Silver	mg/kg	0.0617 J Q, Z	0.0556 J Z	0.0715 J Z	0.0786 J Q, Z	0.0656 J Q, Z	0.0164 J Q, Z	0.0631 J Z
Sodium	mg/kg	129	428	369	129	579	752	125
Strontium	mg/kg	45.1	44.5	58.4	45.2	39.1	53.2	39
Thallium	mg/kg	0.358 J Q	0.327	0.284	0.449 J Q	0.468 J Q	0.433 J Q	0.405
Tin	mg/kg	11.1 U B, Z	11.4 U B	11.2 U B	11.1 U B, Z	11.3 U B	11.0 U B	10.8 U B
Titanium	mg/kg	1530	1540	1390	1500	1040	1620	1520 J E
Antimony	mg/kg	0.300 J Q	0.225 J Z	0.149 J Z	0.365 J Q	0.130 J Q, E, Z	0.113 J Q, E, Z	0.231 J Q
Arsenic	mg/kg	6.68 J E, Q	7.1	4.76	7.77 J E, Q	9.94 J Q	12.9 J Q	7.96 J Q
Beryllium	mg/kg	0.833 J E	0.852	0.607	0.880 J E	1.13 J Q	1.36 J Q	0.733 J Q
Barium	mg/kg	159 J E	143	104	140 J E	167 J E	176 J E	184 J E, A
Boron	mg/kg	5.57 U	18	15.3	5.54 U	9.27	12	11
Cadmium	mg/kg	0.318 J E, Q	0.233	0.3	0.391 J E, Q	0.161 J Q, E	0.643 J Q, E	0.512
Chromium	mg/kg	28.9 J *#	30.2	23.9	25.4 J *#	33.8 J Q, E	62.4 J Q, E	37.3 J Q, A
Cobalt	mg/kg	10.3 J E, *#	10.5	3.81	9.01 J E, *#	9.19 J Q, E	17.6 J Q, E	14.7 J E, A
Copper	mg/kg	17.6 J E, Q	15.2	13.3	24.4 J E, Q	16.2 J Q	42.8 J Q	20.9 J Q, E, A
Vanadium	mg/kg	74.2 J E	60.7	41.3	90.3 J E	64.0 J A	77.0 J A	68.6 J Q, A
Zinc	mg/kg	88.4 J *#	67.9	57	133 J *#	78.1	134	116 J E
Zirconium	mg/kg	6.61	3.45 J Z	0.997 J Z	5.8	2.19 J Z	2.90 J Z	3.65 J Z
Calcium	mg/kg	12200 J E	14500	22400	12200 J E	9990	10300	7840
Phosphorus	mg/kg	389 J Q	275	557	454 J Q	174 J Q	697 J Q	372
Selenium	mg/kg	0.114 J Z	0.0961 J Z	0.0551 J Z	0.116 J Z	0.0652 J Z	0.235 J Z	0.225 J Z
Chromium VI	mg/kg	0.70 J Z	0.45 J Z	1.1 U	0.38 J Z	1.2 U	0.31 J Z	0.56 J Z
Perchlorate (314.0)	ug/kg	33.7 U	35.4 U	33.9 U	33.6 U	34.6 U	34.1 U	33.0 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	5.5 U
Percent Moisture	%	11.1	15.2	11.6	10.7	13.4	12.1	9
pH	pH unit	8.24	8.48	8.89	8.1	9.02	9.08	7.97

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-018-SA5DN-SB-4.0-5.0 06/01/2011 DE170 4 5	SL-018-SA5DN-SB-7.5-8.5 06/01/2011 DE172 7.5 8.5	SL-019-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-019-SA5DN-SB-4.0-5.0 06/03/2011 DE173 4 5	SL-019-SA5DN-SB-9.0-10.0 06/03/2011 DE173 9 10	SL-020-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-020-SA5DN-SB-3.5-4.5 06/15/2011 DE181 3.5 4.5
Chemical Name	Unit							
Nitrate	mg/kg	1.9 J Q	1.2 J Z	2	1.6 J Z	1.5 J Z	3.6	1.7
Fluoride	mg/kg	7.6 J Q	2.9	6.2	5.1 J Q	5.5 J Q	1.6 J Q	4.8 J Q
Cyanide	mg/kg	0.53 U	0.53 U	0.57 U	0.57 U	0.56 U	0.52 U	0.55 U
Aluminum	mg/kg	22200	19900 J L	36100	33700	21300	14000	18300
Iron	mg/kg	29700	31000	34200	32900	27700	22400	22200
Lead	mg/kg	11.7	10.4	14.7	8.39 J E, Q	7.34 J E, Q	12.5 J A	11.1 J Q
Lithium	mg/kg	20.4	25.8	30.7	31.8	24.5	13.9	19.4
Magnesium	mg/kg	5050	5940	7900	7110	5410	5580	4260
Manganese	mg/kg	304 J E	220	433	210	273	342	276 J Q, E
Mercury	mg/kg	0.0320 J E, Q, Z	0.102 U	0.110 U	0.115 U B	0.108 U B	0.0127 J Z	0.111 U
Molybdenum	mg/kg	0.444 J E, Q	0.514	0.636 J E, Q	0.590 J E, Q	0.455 J E, Q	0.591 J Q	0.358 J Q
Nickel	mg/kg	40.4 J Q, E	22.4	29.4 J E, Q	19.8 J Q, A	16.2 J Q, A	19.2 J Q, A	21.2 J Q, E
Potassium	mg/kg	2640	2040	4540 J Q	3640	3120	3610 J Q	2350 J Q
Silver	mg/kg	0.0974 J Q, Z	0.108 U	0.0757 J Q, Z	0.0629 J Q, Z	0.0445 J Q, Z	0.0532 J Q, Z	0.0575 J Q, Z
Sodium	mg/kg	571	481	188	688	374	137	262
Strontium	mg/kg	33.9	30	49.1	54.3	34.6	33.2	21.4
Thallium	mg/kg	0.395 J Q	0.386	0.497 J Q	0.276 J Q	0.259 J Q	0.364 J Q	0.330 J Q
Tin	mg/kg	11.0 U B	10.7 U B	11.3 U B, Z	11.4 U B	10.9 U B	10.6 U B	11.1 U B
Titanium	mg/kg	1050	1200	1680	1450	1370	1300	923
Antimony	mg/kg	0.107 J Q, E, Z	0.24	0.383 J Q	0.230 UJ B, Q	0.218 UJ B, Q	0.276 J Q	0.223 UJ B, Q
Arsenic	mg/kg	7.87 J Q	11.2	8.55 J E, Q	6.77 J E, Q	6.64 J E, Q	6.13 J Q	7.41 J Q
Beryllium	mg/kg	1.03 J Q	0.921	1.15 J E	0.910 J E, Q	0.661 J E, Q	0.644 J Q	0.827 J Q
Barium	mg/kg	173 J E	103	183 J E	143 J E, A	94.4 J E, A	151	101 J E, A
Boron	mg/kg	10.5	8.25	1.80 J Z	5.69 U	5.46 U	11.5	6.47
Cadmium	mg/kg	0.243 J Q, E	0.0881 J Z	0.417 J E, Q	0.165 J Q	0.231 J Q	0.245 J Q	0.114 J Q
Chromium	mg/kg	35.5 J Q, E	29.1	32.6 J *#	31.9 J Q	23.1 J Q	27.2 J Q, A	25.7 J Q
Cobalt	mg/kg	16.2 J Q, E	8.3	10.2 J E, *#	6.54 J E, Q	11.0 J E, Q	11.9 J Q, A	15.1 J E, Q
Copper	mg/kg	18.0 J Q	17.6	22.0 J E, Q	31.5 J Q	13.0 J Q	19.4 J A	13.8 J E, Q
Vanadium	mg/kg	62.1 J A	54.3	98.3 J E	51.1	43.3	71.1 J A	45.7
Zinc	mg/kg	68.8	87.7	96.9 J *#	67.7	58.3	103 J A	63.1
Zirconium	mg/kg	1.77 J Z	1.28 J Z	7.71	8.63	7.17	1.02 J Z	3.03 J Z
Calcium	mg/kg	5590	5960	11000 J E	34600	9870	5770	9140 J E
Phosphorus	mg/kg	210 J Q	513	297 J Q	271	298	703	272 J Q
Selenium	mg/kg	0.0608 J Z	0.245 J Z	0.144 J Z	0.459 U	0.437 U	0.110 J Q, Z	0.445 U
Chromium VI	mg/kg	0.29 J Z	0.41 J Z	0.84 J Z	1.2 U	1.1 U	0.56 J Z	0.52 J Z
Perchlorate (314.0)	ug/kg	33.3 U	33.2 U	34.8 U	34.8 U	33.4 U	31.8 U	33.7 U
Perchlorate (6850)	ug/kg	5.5 U	--	--	5.8 U	--	--	--
Percent Moisture	%	9.8	9.6	13.8	13.8	10.2	5.6	11.1
pH	pH unit	8.83	8.97	8.14	9.2	8.58	8.07	8.56

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-021-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-021-SA5DN-SB-4.0-5.0 06/02/2011 DE172 4 5	SL-021-SA5DN-SB-19.5-20.5 06/02/2011 DE172 19.5 20.5	SL-022-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-022-SA5DN-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-022-SA5DN-SB-15.0-16.0 06/06/2011 DE174 15 16	SL-023-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	1.5 J Z	1.5 J Z	3.2	1.6 J Z	3.9	1.7	1.1 J Z
Fluoride	mg/kg	5.6 J Q	5.3 J Q	4.9 J Q	4.7 J Q	20.2 J E, Q	4.2 J E, Q	3.4 J Q
Cyanide	mg/kg	0.56 U	0.56 U	0.54 U	0.55 U	0.57 U	0.53 U	0.57 U
Aluminum	mg/kg	38800	33700	23500	30200	38700	19600	32300
Iron	mg/kg	34400	33000	27200	32000	37200	22500	32100
Lead	mg/kg	14.7	9.92	6.5	20	10.7 J E, Q	4.98 J E, Q	12.8
Lithium	mg/kg	32.3	28.4	27.9	26.1	30.1	35	28.7
Magnesium	mg/kg	8080	7370	5700	6650	8060	5030	7310
Manganese	mg/kg	370	383	390	451	327 J E	245 J E	448
Mercury	mg/kg	0.111 U	0.112 U	0.108 U	0.0463 J Z	0.0106 J Z	0.108 U	0.112 U
Molybdenum	mg/kg	0.632 J E, Q	0.482	0.488	1.50 J E, Q	0.498	0.404	0.562 J E, Q
Nickel	mg/kg	28.4 J E, Q	22.4	15.9	28.9 J E, Q	23.3	15.3	26.3 J E, Q
Potassium	mg/kg	4470 J Q	4110	2960	4400 J Q	3580 J Q	2800 J Q	4250 J Q
Silver	mg/kg	0.0740 J Q, Z	0.0478 J Z	0.0254 J Z	0.0712 J Q, Z	0.0501 J Z	0.0549 J Z	0.0701 J Q, Z
Sodium	mg/kg	163	517	260	143	542	197	135
Strontium	mg/kg	46.6	49.3	38.6	41.8	56.2	30	51.8
Thallium	mg/kg	0.463 J Q	0.315	0.252	0.491 J Q	0.353	0.262	0.463 J Q
Tin	mg/kg	11.5 U B, Z	11.2 U B	10.8 U B	11.3 U B, Z	11.4 U B	10.8 U B	11.0 U B, Z
Titanium	mg/kg	1700	1540	1470	1660	1420	1450	1570
Antimony	mg/kg	0.351 J Q	0.29	0.171 J Z	0.510 J Q	0.272 J Q	0.0885 J Q, Z	0.353 J Q
Arsenic	mg/kg	8.36 J E, Q	6.58	6.14	8.16 J E, Q	7.06	4.85	7.86 J E, Q
Beryllium	mg/kg	1.02 J E	0.802	0.598	1.01 J E	1.02 J Q	0.105 UJ Q	1.01 J E
Barium	mg/kg	204 J E	154	92.8	199 J E	177	83.8	183 J E
Boron	mg/kg	1.71 J Z	18.5	12.5	2.82 J Z	19.5	8.97	2.70 J Z
Cadmium	mg/kg	0.458 J E, Q	0.296	0.124	0.727 J E, Q	0.162	0.105	0.329 J E, Q
Chromium	mg/kg	29.2 J *#	30.7	21.8	30.1 J *#	34.1 J A	23.0 J A	33.1 J *#
Cobalt	mg/kg	9.04 J E, *#	10.3	7.04	13.0 J E, *#	13.9	5.87	10.1 J E, *#
Copper	mg/kg	21.0 J E, Q	16.1	10.1	22.8 J E, Q	16.8	9.94	20.1 J E, Q
Vanadium	mg/kg	96.6 J E	59.1	44	91.4 J E	65.2 J A	35.8 J A	87.2 J E
Zinc	mg/kg	89.9 J *#	87	56.7	162 J *#	70.7	59	86.5 J *#
Zirconium	mg/kg	7.9	3.49 J Z	2.35 J Z	6.98	2.53 J Z	1.31 J Z	7.12
Calcium	mg/kg	9700 J E	14500	5240	18500 J FD, E	12300 J E	5530 J E	49000 J E
Phosphorus	mg/kg	239 J Q	321	325	357 J Q	206	322	316 J Q
Selenium	mg/kg	0.104 J Z	0.112 J Z	0.0455 J Z	0.232 J Z	0.0978 J Z	0.420 U	0.0791 J Z
Chromium VI	mg/kg	0.81 J Z	0.52 J Z	1.1 U	0.74 J Z	0.35 J Z	0.58 J Z	1.1
Perchlorate (314.0)	ug/kg	34.9 U	34.2 U	33.4 U	34.4 U	34.2 U	32.5 U	34.2 U
Perchlorate (6850)	ug/kg	--	--	--	--	5.7 U	--	--
Percent Moisture	%	14.1	12.2	10.2	12.9	12.4	7.6	12.4
pH	pH unit	8.09	8.72	7.77	8.04	8.76	8.68	7.99

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-023-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-023-SA5DN-SB-20.0-21.0 06/08/2011 DE176 20 21	SL-024-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-024-SA5DN-SB-4.0-5.0 06/07/2011 DE175 4 5	SL-024-SA5DN-SB-19.0-20.0 06/07/2011 DE175 19 20	SL-025-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-025-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5
Chemical Name	Unit							
Nitrate	mg/kg	1.6 J Z	2.6	1.7	1.5 J Z	2.2	1.1 J Z	1.8
Fluoride	mg/kg	7.1 J Q	3.0 J Q	1.7 J Q	15.6 J Q	4.4 J Q	2.0 J Q	18.9 J Q
Cyanide	mg/kg	0.54 U	0.53 U	0.57 U	0.57 U	0.55 U	0.57 U	0.56 U
Aluminum	mg/kg	29600	19300	24400	25300	13900	26400	33600
Iron	mg/kg	33400	26700	30200	34600	19500	32200	34700
Lead	mg/kg	12.6 J E, Q	11.1 J E, Q	15.2 J A	13.5 J Q	14.1 J Q	15.9 J A	14.8 J E, Q
Lithium	mg/kg	26.5	29.7	21.8	24.8	19.8	23.5	28.6
Magnesium	mg/kg	6920	5700	6460	7490	4360	7080	7340
Manganese	mg/kg	362 J E	259 J E	399	365 J E	135 J E	351	660 J E
Mercury	mg/kg	0.0194 J Z	0.108 U	0.0275 J Z	0.0048 J FD, Z	0.109 U	0.0055 J Z	0.108 U
Molybdenum	mg/kg	0.592 J Q	0.763 J Q	1.09 J Q	0.361 J Q	0.948 J Q	0.600 J Q	0.559 J Q
Nickel	mg/kg	26.7 J Q	31.2 J Q	30.9 J Q, A	35.0 J Q, E	35.8 J Q, E	33.1 J Q, A	45.0 J Q
Potassium	mg/kg	3550	3210	3840 J Q	3130 J Q	2520 J Q	3830 J Q	2620
Silver	mg/kg	0.0545 J Q, Z	0.104 J Q, Z	0.0704 J Q, Z	0.0547 J Q, Z	0.0212 J Q, Z	0.0749 J Q, Z	0.0468 J Q, Z
Sodium	mg/kg	463	250	81.4 J Z	438	182	123	410
Strontium	mg/kg	43.4	32.1	37.5	45.3	33.3	44.4	47.2
Thallium	mg/kg	0.400 J Q	0.480 J Q	0.469 J Q	0.424 J Q	0.449 J Q	0.528 J Q	0.468 J Q
Tin	mg/kg	11.3 U B	10.7 U B	11.5 U B	11.2 U B	10.9 U B	11.6 U B	11.2 U B
Titanium	mg/kg	1050	1290	1350	1410	1200	1340	1220
Antimony	mg/kg	0.361 J Q	0.323 J Q	0.393 J Q	0.255 J Q	0.252 J Q	0.362 J Q	0.465 J Q
Arsenic	mg/kg	9.03 J E	9.43 J E	7.93 J Q	7.61 J Q, E	10.5 J Q, E	9.10 J Q	10.5 J E
Beryllium	mg/kg	1.06 J Q	1.06 J Q	0.993 J Q	0.987 J Q	0.847 J Q	1.19 J Q	1.57 J Q
Barium	mg/kg	168	152	195	201	143	155	173
Boron	mg/kg	8.87	5.33	16.8	12.7	7.38	17.3	9.54
Cadmium	mg/kg	0.320 J Q	0.135 J Q	0.473 J Q	0.429 J Q	0.368 J Q	0.422 J Q	0.324 J Q
Chromium	mg/kg	35.4 J Q, A	34.5 J Q, A	42.7 J Q, A	34.4 J Q, A	28.6 J Q, A	46.7 J Q, A	42.5 J Q, A
Cobalt	mg/kg	12.6 J Q	17.3 J Q	13.8 J Q, A	16.7 J E, Q	29.0 J E, Q	15.2 J Q, A	23.6 J Q
Copper	mg/kg	20.5 J Q, A	21.8 J Q, A	18.9 J A	19.5 J Q	16.3 J Q	19.1 J A	24.3 J Q, A
Vanadium	mg/kg	64.2 J Q, A	59.0 J Q, A	78.1 J A	56.6 J E, A	62.9 J E, A	88.8 J A	75.0 J Q, A
Zinc	mg/kg	94.6	92.3	105 J A	86.6	87.3	108 J A	86.9
Zirconium	mg/kg	4.26 J Z	3.18 J Z	3.30 J Z	3.58 J Z	2.69 J Z	3.23 J Z	3.61 J Z
Calcium	mg/kg	13900	4830	11900	13800 J E	16200 J E	11100	27100
Phosphorus	mg/kg	308	409	353	357	331	302	208
Selenium	mg/kg	0.119 J Q, Z	0.427 U	0.156 J Q, Z	0.119 J Z	0.0758 J Z	0.173 J Q, Z	0.0811 J Q, Z
Chromium VI	mg/kg	0.48 J Z	1.1 U	0.59 J Z	0.44 J FD, Z	0.30 J Z	0.66 J Z	0.48 J Z
Perchlorate (314.0)	ug/kg	34.0 U	33.0 U	34.8 U	34.2 U	33.4 U	35.0 U	33.9 U
Perchlorate (6850)	ug/kg	--	5.5 U	--	--	5.6 U	5.8 U	--
Percent Moisture	%	11.8	9	13.8	12.2	10.1	14.4	11.5
pH	pH unit	7.92	8.29	7.98	8.81	8.62	7.69	8.06

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-025-SA5DN-SB-23.0-24.0 06/08/2011 DE176 23 24	SL-026-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-026-SA5DN-SB-4.0-5.0 06/07/2011 DE175 4 5	SL-026-SA5DN-SB-17.0-18.0 06/07/2011 DE175 17 18	SL-027-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-027-SA5DN-SB-4.0-5.0 06/03/2011 DE173 4 5	SL-027-SA5DN-SB-14.0-15.0 06/03/2011 DE173 14 15
Chemical Name	Unit							
Nitrate	mg/kg	2.3	1.7 U	1.5 J Z	3.6	1.1 J Z	1.7	2.8
Fluoride	mg/kg	2.6 J Q	1.3 J Q	4.5 J Q	2.6 J Q	1.9 J Q	5.3 J Q	2.9 J Q
Cyanide	mg/kg	0.53 U	0.55 U	0.60 U	0.52 U	0.58 U	0.55 U	0.53 U
Aluminum	mg/kg	12300	23900	25100	14000	23300	28200	20600
Iron	mg/kg	19500	31700	32500	21700	29200	29400	27000
Lead	mg/kg	5.61 J E, Q	16.1 J A	11.5 J Q	8.35 J Q	16.5 J A	8.59 J E, Q	5.92 J E, Q
Lithium	mg/kg	19.7	20.8	22	24.2	21.6	27	23.3
Magnesium	mg/kg	3980	6570	6280	3910	6320	6780	5300
Manganese	mg/kg	128 J E	433	491 J E	615 J E	378	351	303
Mercury	mg/kg	0.104 U	0.114 U	0.0278 J Z	0.103 U	0.0263 J Z	0.109 U B	0.110 U B
Molybdenum	mg/kg	0.245 J Q	0.688 J Q	0.524 J Q	0.411 J Q	0.710 J Q	0.367 J E, Q	0.313 J E, Q
Nickel	mg/kg	13.6 J Q	36.4 J Q, A	24.5 J Q, E	23.1 J Q, E	33.7 J Q, A	17.2 J Q, A	16.1 J Q, A
Potassium	mg/kg	2380	4060 J Q	3920 J Q	2080 J Q	3800 J Q	3260	2680
Silver	mg/kg	0.0450 J Q, Z	0.0617 J Q, Z	0.0595 J Q, Z	0.0167 J Q, Z	0.0757 J Q, Z	0.0659 J Q, Z	0.0434 J Q, Z
Sodium	mg/kg	119	118	406	177	120	449	231
Strontium	mg/kg	21.7	42.1	37.2	20.2	46.6	44	22.5
Thallium	mg/kg	0.288 J Q	0.517 J Q	0.430 J Q	0.323 J Q	0.485 J Q	0.273 J Q	0.249 J Q
Tin	mg/kg	10.7 U B	11.4 U B	11.9 U B	10.7 U B	11.3 U B	11.5 U B	10.8 U B
Titanium	mg/kg	1020	1260	932	1080	1220	1460	1450
Antimony	mg/kg	0.140 J Q, Z	0.347 J Q	0.229 J Q, Z	0.110 J Q, Z	0.392 J Q	0.223 UJ B, Q	0.213 UJ B, Q
Arsenic	mg/kg	5.77 J E	7.98 J Q	6.42 J Q, E	8.49 J Q, E	9.15 J Q	6.66 J E, Q	5.75 J E, Q
Beryllium	mg/kg	0.590 J Q	1.11 J Q	0.987 J Q	0.700 J Q	1.13 J Q	0.773 J E, Q	0.619 J E, Q
Barium	mg/kg	65	168	160	109	146	121 J E, A	91.0 J E, A
Boron	mg/kg	3.75 J Z	15.6	13.8	7.23	15.3	5.74 U	5.38 U
Cadmium	mg/kg	0.0864 J Q, Z	0.755 J Q	0.333 J Q	0.288 J Q	0.476 J Q	0.231 J Q	0.137 J Q
Chromium	mg/kg	20.8 J Q, A	44.9 J Q, A	30.6 J Q, A	19.2 J Q, A	43.7 J Q, A	28.4 J Q	24.8 J Q
Cobalt	mg/kg	4.17 J Q	18.0 J Q, A	10.7 J E, Q	10.3 J E, Q	14.0 J Q, A	9.90 J E, Q	6.79 J E, Q
Copper	mg/kg	13.3 J Q, A	19.3 J A	16.3 J Q	11.1 J Q	19.4 J A	15.4 J Q	12.1 J Q
Vanadium	mg/kg	38.1 J Q, A	85.0 J A	48.2 J E, A	41.6 J E, A	85.1 J A	51.2	38.2
Zinc	mg/kg	61	110 J A	82	62.8	120 J A	70.7	56.2
Zirconium	mg/kg	2.32 J Z	2.81 J Z	2.93 J Z	2.26 J Z	2.99 J Z	7.59	6.26
Calcium	mg/kg	4470	7390	6520 J E	3540 J E	15400	16800	4760
Phosphorus	mg/kg	331	313	263	321	357	309	313
Selenium	mg/kg	0.435 U	0.238 J Q, Z	0.199 J Z	0.0577 J Z	0.145 J Q, Z	0.0939 J Q, Z	0.426 U
Chromium VI	mg/kg	1.1 U	0.76 J Z	0.41 J Z	1.1 U	1.2 U	0.53 J Z	1.1 U
Perchlorate (314.0)	ug/kg	33.3 U	34.5 U	35.9 U	32.7 U	35.0 U	34.4 U	33.2 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	9.9	13.1	16.5	8.3	14.2	12.9	9.7
pH	pH unit	8.31	7.75	8.33	8.18	8.09	8.91	8.51

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-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-028-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-028-SA5DN-SB-11.5-12.5 06/08/2011 DE176 11.5 12.5	SL-029-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-029-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-030-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-030-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5
Chemical Name	Unit							
Nitrate	mg/kg	0.94 J Z	1.5 J Z	3	1.1 J Z	1.9	1.5 J Z	1.3 J Z
Fluoride	mg/kg	1.7 J Q	4.1 J Q	1.9 J Q	2.0 J Q	5.2 J Q	1.8 J Q	6.1 J Q
Cyanide	mg/kg	0.57 U	0.56 U	0.55 U	0.58 U	0.55 U	0.55 U	0.57 U
Aluminum	mg/kg	25200	26300	21900	25300	21400	30400	30100
Iron	mg/kg	115 U B	32500	26200	31700	23700	40600	29300
Lead	mg/kg	19.9 J A	13.4 J E, Q	8.14 J E, Q	17.4 J A	5.44 J Q	10.8 J A	8.11 J Q
Lithium	mg/kg	23.4	22.5	20.8	23.3	19.8	27.1	25.7
Magnesium	mg/kg	11.5 U B	6200	4980	6560	4430	6800	5950
Manganese	mg/kg	462	434 J E	330 J E	415	232 J Q, E	383	179 J Q, E
Mercury	mg/kg	0.110 U	0.0085 J Z	0.107 U	0.114 U	0.108 U	0.113 U	0.0215 J FD, Z
Molybdenum	mg/kg	0.810 J Q	2.30 J Q	1.11 J Q	0.664 J Q	0.164 J Q	0.396 J E, Q	0.269 J Q
Nickel	mg/kg	32.4 J Q, A	38.9 J Q	21.6 J Q	32.1 J Q, A	13.6 J Q, E	21.5 J E, Q, A	20.6 J Q, E
Potassium	mg/kg	3780 J Q	4140	2630	3690 J Q	1960 J Q	3630 J Q	2440 J Q
Silver	mg/kg	0.0668 J Q, Z	0.108 J Q, Z	0.0501 J Q, Z	0.0640 J Q, Z	0.0293 J Q, Z	0.0459 J Q, Z	0.0864 J FD, Q, Z
Sodium	mg/kg	124	507	444	108 J Z	351	131	338
Strontium	mg/kg	43.9	40.9	40.1	43.3	26.2	46.8	36.3 J FD
Thallium	mg/kg	0.517 J Q	0.483 J Q	0.317 J Q	0.481 J Q	0.271 J Q	0.452 J Q	0.375 J Q
Tin	mg/kg	11.5 U B	11.5 U B	10.9 U B	11.3 U B	10.9 U B	11.3 U B	11.1 U B
Titanium	mg/kg	1.12 U B	589	1120	1250	936	1290	1170
Antimony	mg/kg	0.417 J Q	0.731 J Q	0.405 J Q	0.403 J Q	0.227 UJ Q	0.217 J Q, Z	0.228 UJ B, FD, Q
Arsenic	mg/kg	10.4 J Q	8.54 J E	7.50 J E	9.33 J Q	4.42 J Q	6.88 J E, A	6.20 J Q
Beryllium	mg/kg	1.20 J Q	1.06 J Q	0.714 J Q	1.10 J Q	0.627 J Q	0.847	0.982 J Q
Barium	mg/kg	152	197	169	141	79.2 J E, A	135 J E, A	118 J E, A
Boron	mg/kg	16.8	7.7	6.6	17.2	6.81	12.1	8.77
Cadmium	mg/kg	0.435 J Q	0.414 J Q	0.207 J Q	0.423 J Q	0.176 J Q	0.260 J Q	0.138 J Q
Chromium	mg/kg	46.4 J Q, A	48.2 J Q, A	32.2 J Q, A	44.3 J Q, A	22.6 J Q	32.0 J E	30.0 J Q
Cobalt	mg/kg	14.7 J Q, A	14.9 J Q	8.61 J Q	17.2 J Q, A	4.48 J E, Q	11.2 J E, Q, A	5.52 J FD, E, Q
Copper	mg/kg	19.1 J A	53.1 J Q, A	20.7 J Q, A	19.0 J A	12.1 J E, Q	17.0 J E, Q, A	17.0 J E, Q
Vanadium	mg/kg	91.1 J A	65.6 J Q, A	79.6 J Q, A	84.9 J A	37.3	64.5 J E	51
Zinc	mg/kg	137 J A	97.1	60.3	113 J A	43.1	79.5 J E, A	57.8
Zirconium	mg/kg	3.46 J Z	2.07 J Z	3.69 J Z	3.59 J Z	3.41 J Z	3.83 J Z	3.79 J Z
Calcium	mg/kg	22.9 U B	8340	16100	13900	15300 J E	17400 J E	22100 J FD, E
Phosphorus	mg/kg	353	276	409	350	185 J Q	377 J Q	174 J Q
Selenium	mg/kg	0.146 J Q, Z	0.247 J Q, Z	0.130 J Q, Z	0.147 J Q, Z	0.453 U	0.0856 J Q, Z	0.455 U
Chromium VI	mg/kg	0.73 J Z	0.62 J Z	1.3	0.77 J Z	0.27 J Z	1.2 U	1.1 U
Perchlorate (314.0)	ug/kg	34.8 U	35.1 U	33.6 U	34.8 U	34.0 U	34.7 U	34.5 U
Perchlorate (6850)	ug/kg	--	5.8 U	--	--	--	--	--
Percent Moisture	%	13.7	14.5	10.7	13.9	11.7	13.6	13
pH	pH unit	8.14	8.25	8.47	8.21	8.78	7.89	8.59

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-031-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-031-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-032-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-032-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-032-SA5DN-SB-10.0-11.0 06/14/2011 DE180 10 11	SL-033-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-033-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5
Chemical Name	Unit							
Nitrate	mg/kg	2.2	1.9	1.7 U	2	1.7	1.8 U	1.9
Fluoride	mg/kg	1.2 U J Q	6.8 J Q	1.1 J Q	20.7 J Q	5.8 J Q	2.1 J Q	5.2 J Q
Cyanide	mg/kg	0.57 U	0.54 U	0.56 U	0.56 U	0.55 U	0.58 U	0.58 U
Aluminum	mg/kg	33900	21400	30900	30700	17500	28900	29000
Iron	mg/kg	32700	23300	51800	29900	24200	31000	30400
Lead	mg/kg	11.5 J A	11.8 J Q	16.6 J A	8.23 J Q, A	4.07 J Q, A	15.3 J A	9.16 J Q, A
Lithium	mg/kg	29	21.4	27.5	28.3	22.9	27.3	25.2
Magnesium	mg/kg	6860	5100	6930	5970	4690	7190	6920
Manganese	mg/kg	247	201 J Q, E	423	268 J E	318 J E	371	290 J E
Mercury	mg/kg	0.114 U	0.112 U	0.0116 J Z	0.113 U B	0.108 U B	0.0044 J Z	0.112 U J FD, B
Molybdenum	mg/kg	0.276 J E, Q	0.389 J Q	0.625 J E, Q	0.369	0.277	0.650 J E, Q	0.321
Nickel	mg/kg	21.2 J E, Q, A	28.9 J Q, E	33.9 J E, Q, A	16.3 J Q, A	12.9 J Q, A	33.0 J E, Q, A	18.4 J Q, A
Potassium	mg/kg	2760 J Q	2680 J Q	3760 J Q	2950 J Q	2370 J Q	3680 J Q	3130 J Q
Silver	mg/kg	0.0362 J Q, Z	0.0672 J Q, Z	0.0963 J Q, Z	0.104 J Z	0.0409 J Z	0.0754 J Q, Z	0.0490 J Z
Sodium	mg/kg	153	427	128	535	383	121	416
Strontium	mg/kg	49.8	66.6	42.5	35.4	22.9	43.6	43.7
Thallium	mg/kg	0.445 J Q	0.431 J Q	0.486 J Q	0.349	0.233	0.496 J Q	0.346
Tin	mg/kg	11.2 U B	11.5 U B	11.0 U B	11.1 U B	10.4 U B	11.5 U B	11.6 U B
Titanium	mg/kg	1250	1100	1210	1110 J L	1260 J L	1210	1240 J L
Antimony	mg/kg	0.245 J Q	0.223 U J B, Q	0.325 J Q	0.0872 J Q, E, Z	0.214 U J Q, E	0.367 J Q	0.0937 J FD, Q, E, Z
Arsenic	mg/kg	8.18 J E, A	9.64 J Q	9.98 J E, A	6	6.06	11.0 J E, A	5.9
Beryllium	mg/kg	0.882	1.03 J Q	1.14	0.888	0.589	1.1	0.816
Barium	mg/kg	151 J E, A	177 J E, A	140 J E, A	128	85.3	142 J E, A	145
Boron	mg/kg	11.3	8.01	1.34 J Z	2.82 J Z	5.20 U	12.4	5.81 U B, F
Cadmium	mg/kg	0.217 J Q	0.489 J Q	0.311 J Q	0.154	0.138	0.453 J Q	0.288
Chromium	mg/kg	37.0 J E	35.1 J Q	47.3 J E	28.9 J A	20.2 J A	46.9 J E	30.0 J A
Cobalt	mg/kg	8.85 J E, Q, A	13.1 J E, Q	15.0 J E, Q, A	9.65 J A	5.75 J A	16.4 J E, Q, A	10.9 J A
Copper	mg/kg	17.7 J E, Q, A	14.4 J E, Q	26.6 J E, Q, A	12.2 J Q, A	8.82 J Q, A	26.4 J E, Q, A	14.2 J Q, A
Vanadium	mg/kg	67.5 J E	70.6	86.4 J E	52.0 J A	39.3 J A	86.7 J E	52.7 J A
Zinc	mg/kg	67.0 J E, A	77.2	126 J E, A	55.8 J E, A	48.8 J E, A	120 J E, A	75.0 J E, A
Zirconium	mg/kg	3.79 J Z	4.15 J Z	2.53 J Z	5.06 J Z	3.55 J Z	3.88 J Z	4.48 J Z
Calcium	mg/kg	39700 J E	73600 J E	11200 J E	9080 J E	4030 J E	13700 J E	15300 J E
Phosphorus	mg/kg	196 J Q	314 J Q	324 J Q	209 J Q	316 J Q	378 J Q	228 J Q
Selenium	mg/kg	0.0615 J Q, Z	0.445 U	0.137 J Q, Z	0.447 U	0.428 U	0.181 J Q, Z	0.106 J Z
Chromium VI	mg/kg	1.1 J Z	0.27 J Z	0.58 J Z	0.62 J Z	1.1 U	0.52 J Z	0.79 J Z
Perchlorate (314.0)	ug/kg	34.8 U	34.4 U	33.6 U	34.2 U	32.8 U	35.1 U	34.9 U
Perchlorate (6850)	ug/kg	--	3.6 J Z	5.6 U	--	3.2 J Z	--	--
Percent Moisture	%	13.9	12.8	10.6	12.3	8.4	14.5	14
pH	pH unit	8.03	8.67	8.01	8.25	8.46	7.81	8.58

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

Sample Name Sample Date SDG Start Depth End Depth		SL-033-SA5DN-SB-11.0-12.0 06/14/2011 DE180 11 12	SL-034-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-034-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-035-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-035-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-035-SA5DN-SB-9.5-10.5 06/14/2011 DE180 9.5 10.5	SL-036-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	1.4 J Z	1.7 U	1.9	1.7 U	1.6 J Z	1.7	1.7 U
Fluoride	mg/kg	2.9 J Q	1.4 J Q	11.0 J Q	1.2 UJ Q	9.6 J Q	5.6 J Q	1.8 J Q
Cyanide	mg/kg	0.53 U	0.53 U	0.57 U	0.57 U	0.58 U	0.55 U	0.53 U
Aluminum	mg/kg	18200	28400	25500	34800	32500	17700	25700
Iron	mg/kg	25700	31100	27500	35500	35200	26700	33000
Lead	mg/kg	4.72 J Q, A	16.7 J A	10.7 J Q	16.8 J A	8.82 J Q, A	7.27 J Q, A	21.0 J A
Lithium	mg/kg	29.3	25.2	24.9	28	26.6	32.7	22.5
Magnesium	mg/kg	5600	6570	5900	7650	6920	8300	6930
Manganese	mg/kg	341 J E	380	263 J Q, E	571	169 J E	370 J E	359
Mercury	mg/kg	0.107 U B	0.107 U	0.0124 J Z	0.109 U	0.112 U B	0.107 U B	0.0235 J Z
Molybdenum	mg/kg	0.311	0.567 J E, Q	0.390 J Q	0.651 J E, Q	0.267	0.258	0.827 J Q
Nickel	mg/kg	12.6 J Q, A	28.1 J E, Q, A	25.1 J Q, E	38.2 J E, Q, A	14.5 J Q, A	27.2 J Q, A	40.7 J Q, A
Potassium	mg/kg	2290 J Q	3610 J Q	3320 J Q	4300 J Q	2480 J Q	2430 J Q	3700 J Q
Silver	mg/kg	0.0300 J Z	0.0730 J Q, Z	0.0862 J Q, Z	0.0785 J Q, Z	0.0255 J Z	0.0244 J Z	0.119 J Q
Sodium	mg/kg	364	145	557	363	491	222	108 J Z
Strontium	mg/kg	42.6	42.4	64.8	50	52	37.3	42.9
Thallium	mg/kg	0.284	0.352 J Q	0.392 J Q	0.503 J Q	0.319	0.281	0.625 J Q
Tin	mg/kg	10.8 U B	10.7 U B	11.5 U B	11.4 U B	11.7 U B	11.2 U B	11.1 U B
Titanium	mg/kg	1310 J L	1220	1220	1340	1150 J L	1500 J L	1300
Antimony	mg/kg	0.223 UJ Q, E	0.355 J Q	0.228 UJ B, Q	0.332 J Q	0.0973 J Q, E, Z	0.224 UJ Q, E	0.445 J Q
Arsenic	mg/kg	5.44	9.38 J E, A	9.14 J Q	10.6 J E, A	6.54	5.18	11.0 J Q
Beryllium	mg/kg	0.605	1.04	0.913 J Q	1.29	0.728	0.577	1.27 J Q
Barium	mg/kg	90.9	119 J E, A	168 J E, A	172 J E, A	119	82.4	161
Boron	mg/kg	5.42 U	11.6	8.86	13.8	5.85 U B, F	5.60 U	16.7
Cadmium	mg/kg	0.154	0.525 J Q	0.358 J Q	0.492 J Q	0.0996 J Z	0.110 J Z	0.559 J Q
Chromium	mg/kg	21.0 J A	38.8 J E	35.4 J Q	53.3 J E	30.6 J A	42.7 J A	55.3 J Q, A
Cobalt	mg/kg	7.18 J A	14.8 J E, Q, A	10.6 J E, Q	18.3 J E, Q, A	6.73 J A	8.41 J A	18.8 J Q, A
Copper	mg/kg	9.05 J Q, A	24.2 J E, Q, A	11.9 J E, Q	28.4 J E, Q, A	12.6 J Q, A	13.1 J Q, A	23.2 J A
Vanadium	mg/kg	39.4 J A	74.4 J E	68.1	99.3 J E	52.8 J A	46.5 J A	100 J A
Zinc	mg/kg	56.5 J E, A	112 J E, A	70.1	120 J E, A	52.6 J E, A	53.9 J E, A	131 J A
Zirconium	mg/kg	3.43 J Z	3.37 J Z	4.45 J Z	4.53 J Z	5.04 J Z	4.61 J Z	3.17 J Z
Calcium	mg/kg	18700 J E	13800 J E	42900 J E	6760 J E	16500 J E	8730 J E	9270
Phosphorus	mg/kg	608 J Q	359 J Q	306 J Q	284 J Q	127 J Q	498 J Q	303
Selenium	mg/kg	0.0825 J Z	0.110 J Q, Z	0.456 U	0.262 J Q, Z	0.459 U	0.448 U	0.165 J Q, Z
Chromium VI	mg/kg	1.1 U	0.38 J Z	1.2 U	0.72 J Z	0.39 J Z	0.30 J Z	0.94 J Z
Perchlorate (314.0)	ug/kg	33.5 U	33.0 U	34.5 U	34.6 U	35.1 U	33.6 U	34.2 U
Perchlorate (6850)	ug/kg	5.6 U	--	--	--	--	--	--
Percent Moisture	%	10.5	9.2	13.1	13.3	14.6	10.7	12.3
pH	pH unit	8.77	8.07	8.66	7.48	8.44	8.27	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-036-SA5DN-SB-4.0-5.0 06/07/2011 DE175 4 5	SL-036-SA5DN-SB-9.0-10.0 06/07/2011 DE175 9 10	SL-037-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-037-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-037-SA5DN-SB-11.5-12.5 06/09/2011 DE177 11.5 12.5	SL-038-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-038-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5
Chemical Name	Unit							
Nitrate	mg/kg	1.8 U	1.2 J Z	0.97 J Z	1.5 J Z	1.3 J Z	1.0 J Z	2.4
Fluoride	mg/kg	13.1 J Q	8.7 J Q	1.7 J Q	5.2	4.3	2.0 J Q	10.2
Cyanide	mg/kg	0.59 U	0.55 U	0.57 U	0.57 U	2.8 U	0.57 U	0.57 U
Aluminum	mg/kg	29400	26600	23300	30800 J E	23100 J E	25800	30000 J E
Iron	mg/kg	34600	30800	31000	35300	34500	31400	32500
Lead	mg/kg	10.7 J Q	8.54 J Q	14.0 J A	9.77 J Q, A	13.3 J Q, A	16.4 J A	18.3 J Q, A
Lithium	mg/kg	26.8	26.3	20.7	24.8	32.5	22.7	25.9
Magnesium	mg/kg	6880	6150	6290	6790	6990	6500	7260
Manganese	mg/kg	364 J E	220 J E	415	452 J E	237 J E	397	391 J E
Mercury	mg/kg	0.0044 J Z	0.110 U	0.0065 J Z	0.0084 J Z	0.0157 J Z	0.0095 J Z	0.0332 J Z
Molybdenum	mg/kg	0.246 J Q	0.336 J Q	0.595 J Q	0.55	0.413	0.709 J Q	0.626
Nickel	mg/kg	21.6 J Q, E	22.2 J Q, E	24.3 J Q, A	23.9 J Q	18.1 J Q	30.6 J Q, A	27.3 J Q
Potassium	mg/kg	2900 J Q	3090 J Q	3860 J Q	4100 J Q	2190 J Q	3880 J Q	3890 J Q
Silver	mg/kg	0.0368 J Q, Z	0.0712 J Q, Z	0.0629 J Q, Z	0.0533 J Z	0.0679 J Z	0.0697 J Q, Z	0.0623 J Z
Sodium	mg/kg	540	449	99.1 J Z	327	378	110 J Z	221
Strontium	mg/kg	48.3	45.2	37.9	36.5	39	42.2	44
Thallium	mg/kg	0.345 J Q	0.362 J Q	0.420 J Q	0.391	0.314	0.508 J Q	0.444
Tin	mg/kg	11.4 U B	11.3 U B	11.1 U B	11.6 U B	11.0 U B	11.4 U B	11.1 U B
Titanium	mg/kg	987	1020	1260	891	1100	1160	954
Antimony	mg/kg	0.185 J Q, Z	0.270 J Q	0.359 J Q	0.329	0.180 J Z	0.399 J Q	0.302
Arsenic	mg/kg	5.64 J Q, E	6.92 J Q, E	6.97 J Q	7.17 J Q	8.41 J Q	8.59 J Q	6.91 J Q
Beryllium	mg/kg	1.21 J Q	0.959 J Q	0.975 J Q	0.848 J Q	0.926 J Q	1.10 J Q	1.06 J Q
Barium	mg/kg	168	149	180	146	113	150	189
Boron	mg/kg	14	12.3	15.6	8.14	5.48 U B	17.6	7.88
Cadmium	mg/kg	0.255 J Q	0.128 J Q	0.410 J Q	0.271	0.119	0.427 J Q	0.455
Chromium	mg/kg	27.5 J Q, A	32.3 J Q, A	39.0 J Q, A	36.2 J Q	29.2 J Q	44.8 J Q, A	36.4 J Q
Cobalt	mg/kg	7.89 J E, Q	8.54 J E, Q	11.6 J Q, A	11.6	8.02	14.3 J Q, A	13.8
Copper	mg/kg	12.2 J Q	15.9 J Q	16.6 J A	20.6 J Q	16.8 J Q	22.9 J A	21.0 J Q
Vanadium	mg/kg	43.6 J E, A	50.7 J E, A	74.8 J A	69.2	51	84.9 J A	65.5
Zinc	mg/kg	55.7	74.5	98.3 J A	77.3 J Q, A	68.9 J Q, A	113 J A	105 J Q, A
Zirconium	mg/kg	3.20 J Z	3.62 J Z	2.81 J Z	3.69 J Z	3.33 J Z	3.25 J Z	3.29 J Z
Calcium	mg/kg	19500 J E	19600 J E	14900	7110	26700	10500	9350
Phosphorus	mg/kg	204	201	324	286 J Q	424 J Q	333	273 J Q
Selenium	mg/kg	0.0464 J Z	0.453 U	0.172 J Q, Z	0.230 J Z	0.161 J Z	0.177 J Q, Z	0.229 J Z
Chromium VI	mg/kg	0.60 J Z	1.2 U	0.70 J Z	0.54 J Z	1.1 U	0.85 J Z	0.62 J Z
Perchlorate (314.0)	ug/kg	35.3 U	34.6 U	34.6 U	36.5 U	33.5 U	35.1 U	34.8 U
Perchlorate (6850)	ug/kg	5.9 U	--	--	--	--	--	--
Percent Moisture	%	15.1	13.4	13.3	17.9	10.5	14.5	13.9
pH	pH unit	8.7	8.92	7.99	8.16	8.9	8.05	8.15

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-038-SA5DN-SB-10.5-11.5 06/09/2011 DE177 10.5 11.5	SL-039-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-039-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-039-SA5DN-SB-11.5-12.5 06/09/2011 DE177 11.5 12.5	SL-040-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-040-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-040-SA5DN-SB-10.5-11.5 06/09/2011 DE177 10.5 11.5
Chemical Name	Unit							
Nitrate	mg/kg	1.6 J Z	1.0 J Q, Z	2	1.9	1.1 J Q, Z	2	1.2 J Z
Fluoride	mg/kg	3.3	1.3 J Q	12.4	4.1	1.6 J Q	9.2 J Q	1.6
Cyanide	mg/kg	0.54 U	0.57 U	0.56 U	0.57 U	0.58 U	0.55 U	0.53 U
Aluminum	mg/kg	15100 J E	26400	31900 J E	17100 J E	26000	29900 J E	2970 J E
Iron	mg/kg	19800	31900	35600	22200	32600	33000	4320
Lead	mg/kg	6.66 J Q, A	16.9 J A	13.1 J Q, A	6.16 J Q, A	14.7 J A	14.1 J Q, A	2.01 J Q, A
Lithium	mg/kg	20.1	23.5	27.7	22.6	23.2	24.6	1.3 J Z
Magnesium	mg/kg	3730	6660	7490	4300	6640	6690	893
Manganese	mg/kg	134 J E	375	387 J E	218 J E	468	372 J E	126 J E
Mercury	mg/kg	0.108 U	0.0098 J Z	0.0355 J Z	0.111 U	0.115 U	0.0154 J Z	0.106 U
Molybdenum	mg/kg	0.28	0.711 J Q	0.638	0.37	0.576 J Q	0.588	0.618
Nickel	mg/kg	11.5 J Q	31.1 J Q, A	32.3 J Q	13.0 J Q	28.2 J Q, A	25.2 J Q	6.64 J Q
Potassium	mg/kg	1820 J Q	4240 J Q	3920 J Q	1950 J Q	3910 J Q	3720 J Q	459 J Q
Silver	mg/kg	0.0162 J Z	0.0842 J Q, Z	0.0890 J Z	0.135	0.0698 J Q, Z	0.0528 J Z	0.103 U
Sodium	mg/kg	215	97.0 J Z	358	258	110 J Z	273	164
Strontium	mg/kg	18.4	40.4	43.6	42	43.6	41.5	33.5
Thallium	mg/kg	0.275	0.492 J Q	0.447	0.264	0.444 J Q	0.333	0.103 U
Tin	mg/kg	10.6 U B	11.4 U B	11.7 U B	11.4 U B	11.6 U B	11.1 U B	10.4 U B
Titanium	mg/kg	992	1170	938	1040	1230	1100	189
Antimony	mg/kg	0.165 J Z	0.374 J Q	0.48	0.133 J Z	0.310 J Q	0.349	0.114 J Z
Arsenic	mg/kg	6.27 J Q	8.65 J Q	8.80 J Q	5.50 J Q	7.57 J Q	6.56 J Q	2.50 J Q
Beryllium	mg/kg	0.721 J Q	1.16 J Q	1.16 J Q	0.773 J Q	0.965 J Q	0.872 J Q	0.143 J Q
Barium	mg/kg	73.3	159	156	95.5	194	154	21
Boron	mg/kg	5.32 U B	17.9	8.3	5.68 U B	17.9	8.21	5.18 U B
Cadmium	mg/kg	0.0777 J Z	0.538 J Q	0.395	0.185	0.488 J Q	0.38	0.0879 J Z
Chromium	mg/kg	20.0 J Q	45.7 J Q, A	44.2 J Q	30.0 J Q	38.6 J Q, A	33.7 J Q	12.4 J Q
Cobalt	mg/kg	6.77	15.1 J Q, A	14.3	5.92	13.5 J Q, A	12.5	1.99
Copper	mg/kg	9.57 J Q	18.5 J A	25.0 J Q	9.58 J Q	16.6 J A	18.8 J Q	2.61 J Q
Vanadium	mg/kg	39.8	88.0 J A	79.8	41.4	73.0 J A	63.1	12.9
Zinc	mg/kg	47.1 J Q, A	103 J A	107 J Q, A	48.7 J Q, A	96.7 J A	93.1 J Q, A	10.1 J Q, A
Zirconium	mg/kg	2.33 J Z	3.37 J Z	4.91 J Z	2.98 J Z	3.15 J Z	4.28 J Z	1.74 J Z
Calcium	mg/kg	7530	9210	11000	26100	13200	10700	18800
Phosphorus	mg/kg	129 J Q	363	298 J Q	269 J Q	339	259 J Q	324 J Q
Selenium	mg/kg	0.438 U	0.170 J Q, Z	0.113 J Z	0.437 U	0.154 J Q, Z	0.163 J Z	0.410 U
Chromium VI	mg/kg	1.1 U	0.64 J Z	0.63 J Z	0.38 J Z	0.95 J Z	0.73 J Z	1.1 U
Perchlorate (314.0)	ug/kg	33.2 U	35.2 U	35.0 U	34.1 U	35.0 U	34.9 U	32.0 U
Perchlorate (6850)	ug/kg	5.5 U	5.9 U	--	--	--	--	--
Percent Moisture	%	9.6	14.7	14.4	11.9	14.4	14.1	6.2
pH	pH unit	8.81	7.98	8.44	8.69	8.02	8.16	8.82

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Sample Name Sample Date SDG Start Depth End Depth		SL-041-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-041-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5	SL-041-SA5DN-SB-9.0-10.0 06/10/2011 DE178 9 10	SL-042-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-042-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-042-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-043-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	2.3	1.3 J Z	2.5	1.9 J Z	1.6 J Z	1.5 J Z	2.5
Fluoride	mg/kg	1.1 J Q, Z	5.6 J Q	8.9 J Q	2.4	7.1 J Q	3.3 J Q	1.2 UJ FD, Q
Cyanide	mg/kg	0.58 U	0.59 U	0.55 U	0.92 U	0.58 U	0.54 U	0.55 U
Aluminum	mg/kg	31400	29300 J E	26900 J E	47700	35000	11600	30200
Iron	mg/kg	33300	33200	27500	49200	35400	12500	31900
Lead	mg/kg	24.0 J A	18.1 J Q, A	3.15 J Q, A	30.1 J A	10.5 J E, Q	5.73 J E, Q	17.2 J A
Lithium	mg/kg	26.4	24.8	22.6	40.7	28.6	8.5	26
Magnesium	mg/kg	7440	6810	5890	10500	7160	2480	6850
Manganese	mg/kg	689	589 J E	237 J E	788	415	231	358
Mercury	mg/kg	0.0169 J Z	0.115 U	0.109 U	0.178 U	0.115 U	0.106 U	0.0092 J FD, Z
Molybdenum	mg/kg	0.752 J E, Q	0.439	0.585	1.16 J E, Q	0.466	0.698	0.845 J E, Q
Nickel	mg/kg	35.7 J E, Q, A	23.9 J Q	7.91 J Q	57.3 J E, Q, A	22.7	14.5	34.4 J E, Q, A
Potassium	mg/kg	4100 J Q	3730 J Q	2920 J Q	6080 J Q	3430 J Q	1380 J Q	4060 J Q
Silver	mg/kg	0.114 J Q	0.0648 J Z	0.109 U	0.117 J Q, Z	0.0530 J Z	0.0246 J Z	0.0937 J FD, Q, Z
Sodium	mg/kg	114 J Z	308	335	181 J Z	514	173	137
Strontium	mg/kg	42.4	43.7	36.3	66.2	46.2	21.9	40.1
Thallium	mg/kg	0.456 J Q	0.51	0.0669 J Z	0.807 J Q	0.396	0.188	0.439 J Q
Tin	mg/kg	11.6 U B	11.7 U B	10.8 U B	18.3 U B	11.7 U B	10.6 U B	11.4 U B
Titanium	mg/kg	1260	1050	370	2030	1490 J L	670 J L	1220
Antimony	mg/kg	0.465 J Q	0.258	0.174 J Z	0.535 J Q	0.229 UJ B, Q	0.212 UJ B, Q	0.442 J Q
Arsenic	mg/kg	10.7 J E, A	5.70 J Q	2.91 J Q	16.6 J E, A	7.21	4.83	10.5 J E, A
Beryllium	mg/kg	1.18	0.861 J Q	0.228 J Q	1.75	1.06	0.537	1.22
Barium	mg/kg	145 J E, A	159	37.5	263 J E, A	136	78	126 J E, A
Boron	mg/kg	14.5	6.92	5.63	20.6	5.49 J Z	2.44 J Z	13.6
Cadmium	mg/kg	0.522 J Q	0.469	0.0853 J Z	0.785 J Q	0.195	0.199	0.465 J Q
Chromium	mg/kg	52.0 J E	40.3 J Q	15.2 J Q	81.1 J E	42.5	27.4	44.0 J E
Cobalt	mg/kg	17.5 J E, Q, A	11.5	3.15	28.9 J E, Q, A	11.1	5.78	16.4 J E, Q, A
Copper	mg/kg	29.9 J E, Q, A	18.4 J Q	4.66 J Q	44.4 J E, Q, A	17.7 J E	9.40 J E	27.9 J E, Q, A
Vanadium	mg/kg	96.3 J E	68.1	19.7	152 J E	77.9	41.7	81.2 J E
Zinc	mg/kg	149 J E, A	74.1 J Q, A	18.6 J Q, A	203 J E, A	68.3	43.2	131 J E, A
Zirconium	mg/kg	5.80 U	3.31 J Z	3.96 J Z	6.06 J Z	5.81 J Z	3.75 J Z	4.23 J Z
Calcium	mg/kg	9850 J E	12100	10100	17400 J E	14700 J E	5450 J E	11000 J E
Phosphorus	mg/kg	419 J Q	262 J Q	215 J Q	568 J Q	239 J Q	345 J Q	380 J Q
Selenium	mg/kg	0.231 J Q, Z	0.216 J Z	0.437 U	0.305 J Q, Z	0.113 J Z	0.0667 J Z	0.225 J Q, Z
Chromium VI	mg/kg	0.57 J Z	2.1	1.1 U	0.70 J Z	0.37 J Z	0.49 J Z	0.76 J FD, Z
Perchlorate (314.0)	ug/kg	35.1 U	35.8 U	33.8 U	55.5 U	35.4 U	33.1 U	34.6 U
Perchlorate (6850)	ug/kg	--	--	5.6 U	--	--	5.5 U	--
Percent Moisture	%	14.6	16.1	11.2	45.9	15.2	9.5	13.3
pH	pH unit	7.97	8.14	8.4	8.04	8.43	8.83	7.95

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-043-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-043-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-044-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-044-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-044-SA5DN-SB-12.0-13.0 06/14/2011 DE180 12 13	SL-045-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-045-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5
Chemical Name	Unit							
Nitrate	mg/kg	1.7	2.8	1.0 J Q, Z	1.5 J Z	6.1	1.4 J Z	1.8 U
Fluoride	mg/kg	8.4 J Q	7.9 J Q	1.8 J Q	3.8 J Q	4.9 J Q	1.9	13.6 J Q
Cyanide	mg/kg	0.57 U	0.57 U	0.56 U	0.57 U	0.54 U	0.57 U	0.56 U
Aluminum	mg/kg	33700	29700	22700	31500	17200	30000	34000 J E
Iron	mg/kg	34900	33200	28800	32600	22200	31700	33000
Lead	mg/kg	10.2 J E, Q	10.8 J E, Q	16.0 J A	11.8 J Q, A	4.67 J Q, A	40.0 J A	13.0 J Q, A
Lithium	mg/kg	28	25	20.4	28.1	23.3	25.4	27.3
Magnesium	mg/kg	7030	5780	6400	6900	4850	6910	6920
Manganese	mg/kg	367	337	449	392 J E	269 J E	401	230 J E
Mercury	mg/kg	0.114 U	0.113 U	0.0059 J Z	0.109 U B	0.109 U B	0.110 U	0.115 U
Molybdenum	mg/kg	0.416	0.721	0.535 J Q	0.38	0.37	1.58 J E, Q	0.432
Nickel	mg/kg	22.6	24.4	25.3 J Q, A	20.3 J Q, A	10.5 J Q, A	45.7 J E, Q, A	23.7 J Q
Potassium	mg/kg	3410 J Q	3490 J Q	3560 J Q	3570 J Q	2570 J Q	4230 J Q	3510 J Q
Silver	mg/kg	0.0480 J Z	0.0538 J Z	0.0529 J Q, Z	0.0884 J Z	0.0265 J Z	0.0509 J Q, Z	0.0746 J Z
Sodium	mg/kg	525	370	140	432	387	115	603
Strontium	mg/kg	45.7	36.1	48.4	50	41.2	42.4	43
Thallium	mg/kg	0.341	0.438	0.435 J Q	0.36	0.246	0.476 J Q	0.412
Tin	mg/kg	11.3 U B	11.4 U B	11.3 U B	11.5 U B	11.1 U B	11.3 U B	11.8 U B
Titanium	mg/kg	1400 J L	1480 J L	1320	1240 J L	1190 J L	1300	1270
Antimony	mg/kg	0.229 UJ B, Q	0.230 UJ B, Q	0.292 J Q	0.0965 J Q, E, Z	0.226 UJ Q, E	0.472 J Q	0.332
Arsenic	mg/kg	6.59	6.65	7.11 J Q	6.05	5.09	13.3 J E, A	7.53 J Q
Beryllium	mg/kg	1.01	1.08	0.926 J Q	0.853	0.513	1.35	1.06 J Q
Barium	mg/kg	129	141	177	156	89	168 J E, A	154
Boron	mg/kg	4.75 J Z	3.55 J Z	15.9	3.63 J Z	5.54 U B, F	12.9	6.5
Cadmium	mg/kg	0.212	0.171	0.358 J Q	0.3	0.136	0.663 J Q	0.158
Chromium	mg/kg	38.1	47.5	36.8 J Q, A	31.5 J A	19.6 J A	56.8 J E	39.7 J Q
Cobalt	mg/kg	11.1	8.59	12.0 J Q, A	11.6 J A	5.99 J A	56.5 J E, Q, A	11.1
Copper	mg/kg	16.4 J E	19.7 J E	15.2 J A	18.6 J Q, A	10.1 J Q, A	31.8 J E, Q, A	20.2 J Q
Vanadium	mg/kg	72.4	80.6	71.2 J A	56.3 J A	37.1 J A	105 J E	67.6
Zinc	mg/kg	65.5	75.1	105 J A	107 J E, A	53.9 J E, A	140 J E, A	75.6 J Q, A
Zirconium	mg/kg	5.23 J Z	5.15 J Z	2.54 J Z	5.41 J Z	4.50 J Z	3.85 J Z	4.47 J Z
Calcium	mg/kg	14500 J E	5530 J E	20000	10300 J E	17100 J E	11600 J E	7510
Phosphorus	mg/kg	254 J Q	274 J Q	339	282 J Q	355 J Q	361 J Q	221 J Q
Selenium	mg/kg	0.0667 J Z	0.459 U	0.140 J Q, Z	0.116 J Z	0.0661 J Z	0.186 J Q, Z	0.0776 J Z
Chromium VI	mg/kg	0.47 J Z	1.1 U	0.80 J Z	0.45 J Z	0.38 J Z	1.2 U	1.2 U
Perchlorate (314.0)	ug/kg	34.4 U	34.4 U	34.2 U	35.3 U	33.9 U	34.7 U	35.4 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	12.7	12.9	12.2	15	11.5	13.5	15.3
pH	pH unit	8.48	8.22	8.15	8.31	8.25	7.94	8.15

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-045-SA5DN-SB-9.0-10.0 06/10/2011 DE178 9 10	SL-046-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-046-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-046-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-047-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-047-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-047-SA5DN-SB-10.0-11.0 06/13/2011 DE179 10 11
Chemical Name	Unit							
Nitrate	mg/kg	4.1	1.9	1.7	2.6	6.3	2.1	2.6
Fluoride	mg/kg	12.4 J Q	2.3	14.7 J Q	7.4 J Q	1.5	14.4 J Q	3.4 J Q
Cyanide	mg/kg	0.56 U	0.55 U	0.57 U	0.57 U	0.52 U	0.53 U	0.52 U
Aluminum	mg/kg	26100 J E	26100	36000	35000	23800	34300	15500
Iron	mg/kg	27200	29800	36700	34800	27100	35300	23100
Lead	mg/kg	11.7 J Q, A	22.9 J A	13.7 J E, Q	13.9 J E, Q	16.5 J A	14.6 J E, Q	7.02 J E, Q
Lithium	mg/kg	23.8	22.6	32.1	26.1	20.8	30.4	19.4
Magnesium	mg/kg	5610	6490	6750	6770	5880	7370	4840
Manganese	mg/kg	212 J E	389	571	281	361	793	241
Mercury	mg/kg	0.112 U	0.0105 J Z	0.0398 J Z	0.114 U	0.0125 J Z	0.0124 J Z	0.104 U
Molybdenum	mg/kg	0.639	0.683 J E, Q	0.663	0.528	0.415 J E, Q	0.615	0.475
Nickel	mg/kg	33.6 J Q	30.9 J E, Q, A	29.7	34.8	20.2 J E, Q, A	27	16.8
Potassium	mg/kg	3060 J Q	4460 J Q	3880 J Q	3100 J Q	4140 J Q	3660 J Q	2270 J Q
Silver	mg/kg	0.0411 J Z	0.0764 J Q, Z	0.0992 J Z	0.0747 J Z	0.0525 J Q, Z	0.0646 J Z	0.0260 J Z
Sodium	mg/kg	576	132	580	621	118	685	286
Strontium	mg/kg	37.3	36.5	39.7	42	33.5	43.9	24.8
Thallium	mg/kg	0.471	0.439 J Q	0.429	0.512	0.327 J Q	0.433	0.36
Tin	mg/kg	11.1 U B	11.3 U B	11.3 U B	11.3 U B	10.6 U B	11.1 U B	10.4 U B
Titanium	mg/kg	1180	1290	1700 J L	1320 J L	1130	1620 J L	1360 J L
Antimony	mg/kg	0.369	0.285 J Q	0.222 UJ B, Q	0.223 UJ B, Q	0.266 J Q	0.220 UJ B, Q	0.210 UJ B, Q
Arsenic	mg/kg	9.61 J Q	8.49 J E, A	7.43	11	5.64 J E, A	9.46	6.52
Beryllium	mg/kg	1.31 J Q	0.967	1.38	1.45	0.594	1.24	0.62
Barium	mg/kg	153	153 J E, A	174	146	143 J E, A	161	98.1
Boron	mg/kg	4.71 J Z	12.4	5.60 J Z	2.95 J Z	12.2	7.57	5.20 U
Cadmium	mg/kg	0.273	0.463 J Q	0.301	0.155	0.398 J Q	0.308	0.117
Chromium	mg/kg	45.7 J Q	40.7 J E	51.4	64.1	28.1 J E	52.1	32.4
Cobalt	mg/kg	10.7	14.6 J E, Q, A	14	13.9	11.2 J E, Q, A	15.9	10.2
Copper	mg/kg	21.2 J Q	24.8 J E, Q, A	22.1 J E	25.9 J E	16.9 J E, Q, A	21.4 J E	13.7 J E
Vanadium	mg/kg	84.8	82.5 J E	93.6	115	55.3 J E	100	58.6
Zinc	mg/kg	86.7 J Q, A	107 J E, A	84.1	92.8	92.4 J E, A	76.2	62.2
Zirconium	mg/kg	4.74 J Z	3.54 J Z	5.98	5.01 J Z	3.24 J Z	6.21	3.25 J Z
Calcium	mg/kg	9870	11400 J E	6340 J E	6680 J E	8010 J E	6560 J E	9420 J E
Phosphorus	mg/kg	269 J Q	466 J Q	313 J Q	198 J Q	467 J Q	397 J Q	294 J Q
Selenium	mg/kg	0.456 U	0.148 J Q, Z	0.0665 J Z	0.0667 J Z	0.181 J Q, Z	0.440 U	0.0619 J Z
Chromium VI	mg/kg	1.2 U	0.52 J Z	0.88 J Z	0.41 J Z	0.74 J Z	0.41 J Z	0.32 J Z
Perchlorate (314.0)	ug/kg	34.5 U	34.6 U	34.7 U	34.8 U	32.8 U	33.6 U	32.2 U
Perchlorate (6850)	ug/kg	--	5.8 U	--	5.8 U	--	--	--
Percent Moisture	%	13.1	13.3	13.5	13.8	8.5	10.8	6.7
pH	pH unit	8.3	7.96	7.69	7.85	7.75	8.15	8.62

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Sample Name Sample Date SDG Start Depth End Depth		SL-048-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-048-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5	SL-048-SA5DN-SB-11.5-12.5 06/10/2011 DE178 11.5 12.5	SL-049-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-049-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5	SL-049-SA5DN-SB-15.5-16.5 06/10/2011 DE178 15.5 16.5	SL-050-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.4	24.2 J Q	6.5 J Q	1.3	22.9 J Q	8.6 J Q	1.1 UJ Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	21400	32200 J E	18800 J E	22200	29800 J E	20100 J E	19100
Iron	mg/kg	28900	37000	21300	27900	39800	24100	26100
Lead	mg/kg	28.7 J A	13.2 J Q, A	4.98 J Q, A	48.2 J A	15.7 J Q, A	9.00 J Q, A	43.6 J A
Lithium	mg/kg	18.4	29.5	21.8	19.7	26.2	26.2	17
Magnesium	mg/kg	5600	8640	4090	5880	7730	5130	5340
Manganese	mg/kg	446	392 J E	357 J E	358	493 J E	169 J E	807
Mercury	mg/kg	0.0411 J Z	0.109 U	0.105 U	0.0092 J Z	0.0151 J Z	0.0422 J Z	0.0232 J Z
Molybdenum	mg/kg	1.07 J E, Q	0.467	0.481	0.844 J E, Q	0.568	0.6	0.976 J Q
Nickel	mg/kg	19.0 J E, Q, A	28.8 J Q	18.3 J Q	22.7 J E, Q, A	31.3 J Q	23.9 J Q	32.4 J Q, A
Potassium	mg/kg	4050 J Q	3590 J Q	1680 J Q	4300 J Q	3730 J Q	2890 J Q	4190 J Q
Silver	mg/kg	0.226 J Q	0.0609 J Z	0.0469 J Z	0.0518 J Q, Z	0.0715 J Z	0.0361 J Z	0.0770 J Q, Z
Sodium	mg/kg	213	745	383	151	663	365	94.2 J Z
Strontium	mg/kg	38.8	47.1	22.7	32.4	51.6	29.3	29.2
Thallium	mg/kg	0.390 J Q	0.425	0.345	0.315 J Q	0.475	0.307	0.465 J Q
Tin	mg/kg	11.0 U B	11.5 U B	10.7 U B	10.9 U B	11.5 U B	10.9 U B	10.7 U B
Titanium	mg/kg	1210	568	1180	1230	881	1150	1220
Antimony	mg/kg	0.277 J Q	0.353	0.254	0.335 J Q	0.38	0.256	0.595 J Q
Arsenic	mg/kg	5.58 J E, A	7.92 J Q	7.11 J Q	6.29 J E, A	8.43 J Q	7.82 J Q	7.47 J Q
Beryllium	mg/kg	0.441	1.11 J Q	0.897 J Q	0.499	1.18 J Q	0.793 J Q	0.965 J Q
Barium	mg/kg	137 J E, A	177	119	154 J E, A	201	72.5	144
Boron	mg/kg	10.8	9.27	5.34 U B	10.5	6.22	5.43 U B	14.6
Cadmium	mg/kg	0.646 J Q	0.355	0.0972 J Z	0.718 J Q	0.433	0.231	0.800 J Q
Chromium	mg/kg	28.6 J E	40.7 J Q	27.4 J Q	29.0 J E	44.9 J Q	27.6 J Q	41.2 J Q, A
Cobalt	mg/kg	9.83 J E, Q, A	14	6.25	12.0 J E, Q, A	16.2	10.2	18.1 J Q, A
Copper	mg/kg	24.5 J E, Q, A	22.6 J Q	12.4 J Q	20.0 J E, Q, A	23.4 J Q	15.5 J Q	19.4 J A
Vanadium	mg/kg	56.6 J E	72.4	50.6	62.9 J E	81	56.5	85.1 J A
Zinc	mg/kg	118 J E, A	93.6 J Q, A	51.7 J Q, A	142 J E, A	99.3 J Q, A	62.9 J Q, A	153 J A
Zirconium	mg/kg	3.27 J Z	5.92	3.44 J Z	2.92 J Z	3.91 J Z	3.85 J Z	1.81 J Z
Calcium	mg/kg	7230 J E	7400	6950	6750 J E	8600	4760	5080
Phosphorus	mg/kg	543 J Q	430 J Q	166 J Q	519 J Q	275 J Q	272 J Q	404
Selenium	mg/kg	0.159 J Q, Z	0.0688 J Z	0.0659 J Z	0.114 J Q, Z	0.174 J Z	0.452 U	0.229 J Q, Z
Chromium VI	mg/kg	1.1 U	0.47 J Z	1.1 U	0.69 J Z	0.48 J Z	1.1 U	1.0 J Z
Perchlorate (314.0)	ug/kg	33.4 U	35.0 U	33.7 U	33.1 U	35.5 U	34.2 U	33.2 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	10.3	14.2	10.9	9.5	15.6	12.3	9.6
pH	pH unit	7.83	8.09	8.37	7.84	8.02	8.22	7.51

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Sample Name Sample Date SDG Start Depth End Depth		SL-050-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-050-SA5DN-SB-11.2-12.5 06/09/2011 DE177 11.2 12.5	SL-051-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-051-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-051-SA5DN-SB-14.0-15.0 06/08/2011 DE176 14 15	SL-052-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-052-SA5DN-SB-4.0-5.0 06/03/2011 DE173 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	2.2 J Q	4.8	2.2	--	--
Fluoride	mg/kg	25.8	4.4	1.1 UJ Q	18.4 J Q	4.6 J Q	2.9 J Q	20.8 J Q
Cyanide	mg/kg	--	--	0.55 U	0.57 U	0.56 U	--	--
Aluminum	mg/kg	32800 J E	20100 J E	21200	32200	22000	34200	29400
Iron	mg/kg	35700	23500	27000	33900	26500	33900	30600
Lead	mg/kg	13.7 J Q, A	10.5 J Q, A	21.1 J A	15.2 J E, Q	9.94 J E, Q	16.6	9.98 J E, Q
Lithium	mg/kg	28.1	23.5	18.1	26.8	24.5	28.1	25.1
Magnesium	mg/kg	7670	5090	5410	6950	5480	7510	6790
Manganese	mg/kg	372 J E	271 J E	456	592 J E	203 J E	466	679
Mercury	mg/kg	0.106 U	0.108 U	0.0051 J Z	0.111 U	0.112 U	0.0038 J Z	0.109 U
Molybdenum	mg/kg	0.369	0.406	0.692 J Q	0.488 J Q	0.606 J Q	0.649 J E, Q	0.547 J E, Q
Nickel	mg/kg	22.7 J Q	22.4 J Q	23.2 J Q, A	40.2 J Q	28.8 J Q	29.8 J E, Q	19.6 J Q, A
Potassium	mg/kg	3610 J Q	2990 J Q	4310 J Q	2790	2920	5180 J Q	3200
Silver	mg/kg	0.0407 J Z	0.0408 J Z	0.0586 J Q, Z	0.0596 J Q, Z	0.0477 J Q, Z	0.0774 J Q, Z	0.0528 J Q, Z
Sodium	mg/kg	572	477	118	710	330	138	495
Strontium	mg/kg	41.2	29.9	33.9	49.8	31.9	41.5	54.6
Thallium	mg/kg	0.34	0.328	0.359 J Q	0.500 J Q	0.425 J Q	0.506 J Q	0.321 J Q
Tin	mg/kg	11.2 U B	11.0 U B	10.6 U B	11.3 U B	11.1 U B	11.2 U B, Z	11.2 U B
Titanium	mg/kg	1280	1160	1070	930	1210	1660	803
Antimony	mg/kg	0.198 J Z	0.246	0.371 J Q	0.442 J Q	0.316 J Q	0.386 J Q	0.215 UJ B, Q
Arsenic	mg/kg	5.57 J Q	6.85 J Q	5.79 J Q	10.6 J E	7.26 J E	8.16 J E, Q	8.10 J E, Q
Beryllium	mg/kg	0.892 J Q	0.799 J Q	0.814 J Q	1.82 J Q	0.883 J Q	1.09 J E	0.892 J E, Q
Barium	mg/kg	127	75.3	168	168	137	133 J E	162 J E, A
Boron	mg/kg	8.54	5.51 U B	15.4	8.42	6.5	2.42 J Z	5.58 U
Cadmium	mg/kg	0.231	0.218	0.456 J Q	0.427 J Q	0.335 J Q	0.491 J E, Q	0.215 J Q
Chromium	mg/kg	33.3 J Q	28.0 J Q	32.7 J Q, A	42.9 J Q, A	31.9 J Q, A	30.3 J *#	32.0 J Q
Cobalt	mg/kg	10.7	10	11.0 J Q, A	17.8 J Q	12.5 J Q	9.27 J E, *#	10.1 J E, Q
Copper	mg/kg	16.8 J Q	14.8 J Q	15.9 J A	22.4 J Q, A	17.6 J Q, A	23.4 J E, Q	17.5 J Q
Vanadium	mg/kg	54.7	51.6	68.2 J A	75.3 J Q, A	56.7 J Q, A	97.1 J E	56.4
Zinc	mg/kg	69.5 J Q, A	63.1 J Q, A	107 J A	89.2	81	140 J *#	68.3
Zirconium	mg/kg	5.87	3.83 J Z	2.56 J Z	3.18 J Z	3.85 J Z	7.02	5.50 J Z
Calcium	mg/kg	8320	13500	5420	22800	5530	7210 J E	7670
Phosphorus	mg/kg	251 J Q	251 J Q	430	212	293	335 J Q	177
Selenium	mg/kg	0.0900 J Z	0.437 U	0.192 J Q, Z	0.119 J Q, Z	0.448 U	0.216 J Z	0.136 J Q, Z
Chromium VI	mg/kg	0.47 J Z	1.1 U	1.0 J Z	0.35 J Z	0.63 J Z	0.53 J Z	0.33 J Z
Perchlorate (314.0)	ug/kg	34.3 U	33.4 U	33.1 U	34.0 U	34.2 U	34.7 U	33.5 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	12.5	10.2	9.4	11.8	12.4	13.5	10.4
pH	pH unit	8.18	7.91	7.04	7.99	8.25	7.74	8.3

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Sample Name Sample Date SDG Start Depth End Depth		SL-052-SA5DN-SB-9.0-10.0 06/03/2011 DE173 9 10	SL-053-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-053-SA5DN-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-053-SA5DN-SB-11.5-12.5 06/06/2011 DE174 11.5 12.5	SL-054-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-054-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-054-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	6.2 J Q	3.7 J Q	15.9 J E, Q	5.2 J E, Q	4.4 J Q	9.3 J Q	4.7 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	29100	24200	34800	22200	21600	27600	35700
Iron	mg/kg	30700	29800	34600	27200	26300	29200	42100
Lead	mg/kg	7.47 J E, Q	16.9	10.0 J E, Q	9.71 J E, Q	14.9 J Q, A	11.7 J E, Q	12.3 J E, Q
Lithium	mg/kg	26.2	19.4	30.3	30.8	20.6	29.1	31.3
Magnesium	mg/kg	6970	5310	7540	5880	6010	5930	8110
Manganese	mg/kg	301	538	242 J E	300 J E	359	881	856
Mercury	mg/kg	0.111 U B	0.0043 J Z	0.0035 J Z	0.107 U	0.112 U B	0.117 U	0.113 U
Molybdenum	mg/kg	0.263 J E, Q	0.907 J E, Q	0.334	0.294	0.417 J Q	0.868	0.742
Nickel	mg/kg	15.5 J Q, A	24.7 J E, Q	19.3	17.1	19.3 J Q, A	28.9	25.6
Potassium	mg/kg	3230	4050 J Q	3170 J Q	3220 J Q	3970 J Q	3540 J Q	3330 J Q
Silver	mg/kg	0.173 J Q	0.0515 J Q, Z	0.0428 J Z	0.0286 J Z	0.0488 J Q, Z	0.0594 J Z	0.0609 J Z
Sodium	mg/kg	735	129	390	266	122	300	495
Strontium	mg/kg	52.4	37.8	61.5	33.5	39.9	38.9	49.5
Thallium	mg/kg	0.325 J Q	0.425 J Q	0.307	0.287	0.306	0.427	0.386
Tin	mg/kg	11.3 U B	11.1 U B, Z	11.7 U B	11.1 U B	11.3 U B	12.0 U B	11.6 U B
Titanium	mg/kg	958	1450	901	1430	1150	1680 J L	1590 J L
Antimony	mg/kg	0.223 UJ B, Q	0.351 J Q	0.259 J Q	0.160 J Q, Z	0.217 J Z	0.235 UJ B, Q	0.232 UJ B, Q
Arsenic	mg/kg	5.51 J E, Q	6.65 J E, Q	5.96	7.77	5.57 J Q	8.16	10.1
Beryllium	mg/kg	0.793 J E, Q	0.913 J E	0.817 J Q	0.735 J Q	0.741 J Q	1.1	1.14
Barium	mg/kg	101 J E, A	187 J E	140	90.3	145	167	143
Boron	mg/kg	10.4 J Z	5.56 U	16.9	11.5	21.3	4.57 J Z	6.35
Cadmium	mg/kg	0.189 J Q	0.461 J E, Q	0.0861 J Z	0.0887 J Z	0.280 J Q	0.508	0.201
Chromium	mg/kg	31.5 J Q	26.4 J *#	30.8 J A	24.7 J A	29.0 J Q, A	43.6	49.9
Cobalt	mg/kg	5.80 J E, Q	10.6 J E, *#	9.43	5.56	10.3 J Q, A	15.5	11.8
Copper	mg/kg	12.9 J Q	20.4 J E, Q	14.2	14	18.0 J Q, A	17.5 J E	24.4 J E
Vanadium	mg/kg	46.1	82.1 J E	53.4 J A	47.1 J A	59.9 J A	87.8	94.2
Zinc	mg/kg	67	108 J *#	58.9	58.5	79.9 J A	81.3	85.5
Zirconium	mg/kg	5.78	5.62	1.98 J Z	1.80 J Z	3.27 J Z	5.49 J Z	7.08
Calcium	mg/kg	10200	9360 J E	18000 J E	4770 J E	24000	5390 J E	7860 J E
Phosphorus	mg/kg	157	445 J Q	179	261	472	391 J Q	460 J Q
Selenium	mg/kg	0.446 U	0.155 J Z	0.468 U	0.0697 J Z	0.0860 J Z	0.0775 J Z	0.130 J Z
Chromium VI	mg/kg	1.1 U	0.43 J Z	0.35 J Z	1.1 U	0.40 J Z	1.7	0.55 J Z
Perchlorate (314.0)	ug/kg	34.4 U	33.7 U	35.1 U	33.5 U	33.9 U	36.4 U	35.8 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	12.9	11	14.6	10.4	11.5	17.5	16.3
pH	pH unit	8.75	7.78	8.42	8.59	8.14	7.99	8.31

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-055-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-055-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-055-SA5DN-SB-9.0-10.0 06/15/2011 DE181 9 10	SL-056-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-056-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-056-SA5DN-SB-9.0-10.0 06/15/2011 DE181 9 10	SL-057-SA5DN-SS-0.0-0.5 05/24/2011 DE163 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.3 J Q	7.0 J Q	5.3 J Q	3.6 J Q	7.5 J Q	5.7 J Q	2.4 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	19200	27500	17700	23200	29700	24500	33200
Iron	mg/kg	26200	29000	20400	32300	31200	24900	34800
Lead	mg/kg	15.5 J Q, A	11.7 J Q	6.05 J Q	18.5 J Q, A	11.0 J Q	10.9 J Q	13.0 J Q
Lithium	mg/kg	18.8	25.6	20.5	23.1	26.2	21.9	28.4
Magnesium	mg/kg	6010	6890	3710	7130	7140	5000	8400
Manganese	mg/kg	364	270 J Q, E	147 J Q, E	377	353 J Q, E	150 J Q, E	477
Mercury	mg/kg	0.113 U B	0.108 U	0.104 U	0.107 U B	0.115 U	0.114 U	0.0185 J FD, Q, E, Z
Molybdenum	mg/kg	0.463 J Q	0.392 J Q	0.371 J Q	0.634 J Q	0.290 J Q	0.316 J Q	0.329
Nickel	mg/kg	15.9 J Q, A	25.0 J Q, E	13.8 J Q, E	29.0 J Q, A	29.4 J Q, E	23.0 J Q, E	20.5 J Q
Potassium	mg/kg	3870 J Q	3350 J Q	1810 J Q	3700 J Q	3570 J Q	2190 J Q	5370
Silver	mg/kg	0.303 J Q	0.0714 J Q, Z	0.0860 J Q, Z	0.0599 J Q, Z	0.0527 J Q, Z	0.0836 J Q, Z	0.0417 J Z
Sodium	mg/kg	127	128	150	101 J Z	183	148	104 J Z
Strontium	mg/kg	35.1	97.9	20.6	37.1	61.5	44.1	36.3 J E
Thallium	mg/kg	0.354 J Q	0.436 J Q	0.250 J Q	0.395 J Q	0.402 J Q	0.376 J Q	0.342
Tin	mg/kg	11.2 U B	11.7 U B	10.7 U B	11.1 U B	11.4 U B	11.4 U B	11.3 U B
Titanium	mg/kg	1190	1140	883	1070	1220	1040	1480
Antimony	mg/kg	0.193 J Z	0.230 UJ B, Q	0.221 UJ Q	0.343	0.228 UJ B, Q	0.224 UJ B, Q	0.0992 J Q, Z
Arsenic	mg/kg	4.45 J Q	7.42 J Q	4.91 J Q	9.06 J Q	7.53 J Q	7.71 J Q	5.68 J Q
Beryllium	mg/kg	0.590 J Q	0.958 J Q	0.591 J Q	1.08 J Q	0.913 J Q	1.02 J Q	0.743
Barium	mg/kg	126	164 J E, A	67.4 J E, A	191	157 J E, A	117 J E, A	122
Boron	mg/kg	20	12.7	5.16 J Z	24.7	12.3	8.09	8.53
Cadmium	mg/kg	0.352 J Q	0.434 J Q	0.0884 J Q, Z	0.457 J Q	0.442 J Q	0.234 J Q	0.314
Chromium	mg/kg	24.3 J Q, A	36.7 J Q	21.1 J Q	43.0 J Q, A	34.8 J Q	35.3 J Q	27.4 J A
Cobalt	mg/kg	8.52 J Q, A	13.3 J E, Q	9.00 J E, Q	13.7 J Q, A	13.5 J E, Q	9.37 J E, Q	10.7
Copper	mg/kg	16.0 J Q, A	14.2 J E, Q	9.41 J E, Q	25.9 J Q, A	17.6 J E, Q	11.3 J E, Q	22.8 J E, Q
Vanadium	mg/kg	53.7 J A	68.5	33.8	83.1 J A	64.2	59.2	52.4 J A
Zinc	mg/kg	78.8 J A	79	41.9	102 J A	76.8	73.3	69.7
Zirconium	mg/kg	1.91 J Z	5.17 J Z	2.55 J Z	3.43 J Z	5.25 J Z	3.94 J Z	4.02 J Z
Calcium	mg/kg	8300	60600 J E	3590 J E	6840	37800 J E	86800 J E	6930 J E
Phosphorus	mg/kg	521	439 J Q	132 J Q	443	419 J Q	235 J Q	523 J E
Selenium	mg/kg	0.102 J Z	0.0749 J Z	0.442 U	0.0924 J Z	0.0743 J Z	0.449 U	0.133 J Z
Chromium VI	mg/kg	1.1 U	0.24 J Z	0.65 J Z	2.5	1.2 U	0.24 J Z	0.95 J Z
Perchlorate (314.0)	ug/kg	34.2 U	35.2 U	33.4 U	33.9 U	35.6 U	34.3 U	34.6 U
Perchlorate (6850)	ug/kg	--	--	5.6 U	5.6 U	--	--	--
Percent Moisture	%	12.2	14.7	10.3	11.5	15.8	12.6	13.4
pH	pH unit	8.21	8.2	8.34	8.07	8.2	8.18	7.28

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-057-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-057-SA5DN-SB-9.0-10.0 06/16/2011 DE182 9 10	SL-058-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-058-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-058-SA5DN-SB-9.0-10.0 06/16/2011 DE182 9 10	SL-059-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-059-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	5.5 J Q	3.1 J Q	2.4 J Q	3.7 J Q	6.3 J Q	3.0 J Q	5.1 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	28300	18700	22900	34200	26700	22500	32000
Iron	mg/kg	29500	22600	29000	35300	29500	27600	35400
Lead	mg/kg	6.99 J Q, A	4.95 J Q, A	26.1 J Q, A	9.35 J Q, A	7.07 J Q, A	15.2 J Q, A	9.75 J Q, A
Lithium	mg/kg	25.7	18.2	21.2	27.5	22.7	22	29
Magnesium	mg/kg	5330	3960	6640	8010	5750	6330	8280
Manganese	mg/kg	337 J E	158 J E	498	395 J E	216 J E	457	380 J E
Mercury	mg/kg	0.108 U B	0.105 U B	0.115 U B	0.109 U B	0.111 U B	0.106 U B	0.113 U B
Molybdenum	mg/kg	0.341	0.271	1.01 J Q	0.345	0.516	0.761 J Q	0.315
Nickel	mg/kg	19.0 J Q, A	9.98 J Q, A	32.1 J Q, A	20.3 J Q, A	13.7 J Q, A	28.0 J Q, A	22.3 J Q, A
Potassium	mg/kg	2360 J Q	1510 J Q	6660 J Q	4080 J Q	2610 J Q	4190 J Q	3860 J Q
Silver	mg/kg	0.0208 J Z	0.113 U	0.0739 J Q, Z	0.0509 J Z	0.0591 J Z	0.0550 J Q, Z	0.0320 J Z
Sodium	mg/kg	126	102 J Z	82.8 J Z	144	163	98.7 J Z	162
Strontium	mg/kg	27.5	18	28.8	41.9	28.7	39.6	39.8
Thallium	mg/kg	0.282	0.228	0.475 J Q	0.376	0.346	0.453 J Q	0.419
Tin	mg/kg	11.1 U B	10.9 U B	11.3 U B	11.8 U B	11.5 U B	11.0 U B	11.0 U B
Titanium	mg/kg	1030 J L	1260 J L	1220	1130 J L	1400 J L	1150	1280 J L
Antimony	mg/kg	0.113 J Q, E, Z	0.227 UJ Q, E	0.397	0.0935 J Q, E, Z	0.221 UJ Q, E	0.332	0.144 J Q, E, Z
Arsenic	mg/kg	5.99	4.65	8.55 J Q	7.09	6.68	8.40 J Q	7.25
Beryllium	mg/kg	0.83	0.59	1.18 J Q	0.963	0.884	1.05 J Q	1.01
Barium	mg/kg	103	66.1	136	154	117	136	168
Boron	mg/kg	5.55 U B	5.45 U	23	3.82 J Z	5.76 U B	21.2	3.57 J Z
Cadmium	mg/kg	0.145	0.0805 J Z	0.738 J Q	0.235	0.0932 J Z	0.663 J Q	0.318
Chromium	mg/kg	25.7 J A	20.9 J A	45.7 J Q, A	35.0 J A	30.3 J A	42.3 J Q, A	38.6 J A
Cobalt	mg/kg	9.81 J A	6.36 J A	16.4 J Q, A	10.3 J A	5.24 J A	15.1 J Q, A	12.3 J A
Copper	mg/kg	10.6 J Q, A	6.98 J Q, A	28.8 J Q, A	13.8 J Q, A	11.5 J Q, A	25.6 J Q, A	15.4 J Q, A
Vanadium	mg/kg	47.8 J A	34.8 J A	85.9 J A	59.0 J A	52.6 J A	85.1 J A	67.6 J A
Zinc	mg/kg	46.0 J E, A	38.3 J E, A	125 J A	72.6 J E, A	58.8 J E, A	101 J A	85.0 J E, A
Zirconium	mg/kg	4.60 J Z	3.10 J Z	3.52 J Z	6.27	4.20 J Z	2.96 J Z	6.12
Calcium	mg/kg	5230 J E	3750 J E	6610	10600 J E	4850 J E	15000	7430 J E
Phosphorus	mg/kg	175 J Q	76.8 J Q	513	278 J Q	211 J Q	404	310 J Q
Selenium	mg/kg	0.448 U	0.454 U	0.181 J Z	0.136 J Z	0.443 U	0.119 J Z	0.100 J Z
Chromium VI	mg/kg	0.43 J Z	0.39 J Z	1.1 J Z	0.51 J Z	0.32 J Z	1.1 U	1.2
Perchlorate (314.0)	ug/kg	34.6 U	34.0 U	34.8 U	35.3 U	34.9 U	34.0 U	34.6 U
Perchlorate (6850)	ug/kg	--	--	--	--	5.8 U	--	--
Percent Moisture	%	13.4	11.8	13.9	14.9	14	11.8	13.4
pH	pH unit	8.02	8.07	7.7	8.11	8.08	8.22	7.84

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Sample Name Sample Date SDG Start Depth End Depth		SL-059-SA5DN-SB-9.0-10.0 06/16/2011 DE182 9 10	SL-060-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-060-SA5DN-SB-4.0-5.0 08/05/2011 DE218 4 5	SL-060-SA5DN-SB-7.0-8.0 08/05/2011 DE218 7 8	SL-061-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-061-SA5DN-SB-9.0-10.0 06/16/2011 DE182 9 10	SL-062-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	6.5 J Q	1.4 J Q	4.4 J Q	5.3 J Q	3.1 J Q	8.0 J Q	11.7 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	22800	26700	21800	21200	29000	25200	27700
Iron	mg/kg	25500	28800	23600	26700	33000	27300	31000
Lead	mg/kg	8.06 J Q, A	11.8 J Q	9.47 J Q, E	10.2 J Q, E	11.2 J Q, A	8.97 J Q, A	9.70 J Q, A
Lithium	mg/kg	21.6	22.3	21.6	21.3	25.3	25.3	27.2
Magnesium	mg/kg	6360	6870	5550	5710	7340	6220	7620
Manganese	mg/kg	267 J E	436	229	374	406 J E	204 J E	414 J E
Mercury	mg/kg	0.113 U	0.0150 J Q, E, Z	0.101 U	0.113 U	0.116 U B	0.109 U	0.110 U
Molybdenum	mg/kg	0.204	0.43	0.231 J Q	0.233 J Q	0.404	0.306	0.269
Nickel	mg/kg	17.7 J Q, A	17.5 J Q	21.2 J Q	20.9 J Q	22.3 J Q, A	21.6 J Q, A	23.3 J Q, A
Potassium	mg/kg	3010 J Q	5590	2830	2600	3950 J Q	3090 J Q	3280 J Q
Silver	mg/kg	0.0363 J Z	0.0564 J Z	0.0514 J Q, Z	0.0490 J Q, Z	0.0591 J Z	0.0319 J Z	0.0477 J Z
Sodium	mg/kg	166	128	94.5 J Z	147	246	298	726
Strontium	mg/kg	96.2	33.4 J E	44.5	125	40	39.5	42.2
Thallium	mg/kg	0.29	0.275	0.350 J Q	0.296 J Q	0.397	0.37	0.39
Tin	mg/kg	11.8 U B	10.5 U B	10.1 U B	11.3 U B	11.7 U B	11.3 U B	11.6 U B
Titanium	mg/kg	1280 J L	1360	1010	932	743 J L	1470 J L	1270 J L
Antimony	mg/kg	0.234 U J Q, E	0.0788 J Q, Z	0.206 U J B, Q	0.227 U J B, Q	0.153 J Q, E, Z	0.136 J Q, E, Z	0.131 J Q, E, Z
Arsenic	mg/kg	5.06	4.76 J Q	5.96 J Q, E	7.89 J Q, E	6.34	6.66	8.19
Beryllium	mg/kg	0.613	0.598	0.859 J E, Q	0.830 J E, Q	0.94	0.865	1.04
Barium	mg/kg	113	134	122 J E	114 J E	179	132	161
Boron	mg/kg	4.78 J Z	5.66	10.2	10.9	5.84 U B	2.89 J Z	3.43 J Z
Cadmium	mg/kg	0.323	0.361	0.322 J Q	0.381 J Q	0.423	0.341	0.339
Chromium	mg/kg	27.9 J A	22.8 J A	32.2 J Q	30.3 J Q	34.6 J A	33.0 J A	37.3 J A
Cobalt	mg/kg	9.49 J A	9.07	8.81 J E, Q	10.8 J E, Q	15.2 J A	12.1 J A	12.7 J A
Copper	mg/kg	12.8 J Q, A	16.9 J E, Q	13.3	14.6	16.0 J Q, A	14.2 J Q, A	17.0 J Q, A
Vanadium	mg/kg	50.2 J A	47.2 J A	58.2 J Q	62.3 J Q	59.1 J A	62.5 J A	66.6 J A
Zinc	mg/kg	53.5 J E, A	88.5	67.4 J E	64.5 J E	74.8 J E, A	65.7 J E, A	77.4 J E, A
Zirconium	mg/kg	5.44 J Z	3.13 J Z	5.38	5.64 J Z	4.45 J Z	5.15 J Z	5.05 J Z
Calcium	mg/kg	62400 J E	5970 J E	23900 J E	92900 J E	6410 J E	27000 J E	9270 J E
Phosphorus	mg/kg	418 J Q	613 J E	330 J Q	513 J Q	308 J Q	314 J Q	392 J Q
Selenium	mg/kg	0.468 U	0.130 J Z	0.0789 J Q, Z	0.0825 J Q, Z	0.103 J Z	0.450 U	0.0670 J Z
Chromium VI	mg/kg	0.26 J Z	0.37 J Z	1.0 U	1.2 U	0.41 J Z	0.27 J Z	0.81 J Z
Perchlorate (314.0)	ug/kg	35.4 U	32.4 U	31.3 U	34.7 U	35.0 U	35.1 U	35.6 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	15.3	7.4	4.1	13.6	14.4	14.6	15.8
pH	pH unit	8.23	7.78	8.1	8.32	7.75	8.31	8.17

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

Sample Name Sample Date SDG Start Depth End Depth		SL-064-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-064-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-065-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-065-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-065-SA5DN-SB-7.0-8.0 05/20/2011 DE158 7 8	SL-066-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-066-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5
Chemical Name	Unit							
Nitrate	mg/kg	6.9	1.2 J Q, Z	6.7	1.5 J Q, Z	1.2 J Q, Z	5.1	1.2 J Z
Fluoride	mg/kg	1.8 J Q	1.6 J Q	2.3 J Q	5.1 J Q	3.8 J Q	1.9	23.1 J Q
Cyanide	mg/kg	0.56 U	0.56 U	0.56 U	0.54 U	0.54 U	0.20 J Z	0.55 U
Aluminum	mg/kg	22500	21300	22600	25700	14300	26500	32900
Iron	mg/kg	99800	29100	32300	31200	22100	30400	35300
Lead	mg/kg	26.6 J Q, A	15.9 J A	17.7 J Q, A	13.6 J A	9.62 J A	20.4 J Q	16.6 J Q, E, A
Lithium	mg/kg	19.7	22.6	19.3	24.6	19.5	20.9	28.5
Magnesium	mg/kg	5320	6300	5640	6840	4090	6080	8620
Manganese	mg/kg	700	313	565	436	290	512	992
Mercury	mg/kg	2.61	0.0069 J Z	0.254	0.0069 J Z	0.0184 J Z	0.242	0.113 U
Molybdenum	mg/kg	0.748 J Q	0.581 J Q	0.715 J Q	0.489 J Q	0.472 J Q	0.813 J Q	0.527 J Q, E
Nickel	mg/kg	26.6 J Q, A	35.0 J Q, A	24.3 J Q, A	28.7 J Q, A	17.0 J Q, A	27.7 J E, Q	32.5 J Q, E, A
Potassium	mg/kg	4880 J Q	2710 J Q	5360 J Q	3150 J Q	2150 J Q	5390 J Q	4230 J Q
Silver	mg/kg	0.104 J Q, Z	0.0651 J Q, Z	0.0590 J Q, Z	0.0801 J Q, Z	0.0484 J Q, Z	0.0866 J Q, Z	0.0591 J Q, E, Z
Sodium	mg/kg	80.6 J Z	145	90.7 J Z	351	224	110	735
Strontium	mg/kg	29	34.7	32.5	45.1	18.5	34.4	50.6
Thallium	mg/kg	0.356 J Q	0.532 J Q	0.463 J Q	0.475 J Q	0.294 J Q	0.464 J Q	0.364
Tin	mg/kg	11.3 U B	11.5 U B	11.1 U B	11.0 U B	10.6 U B	10.7 U B	11.1 U B
Titanium	mg/kg	1130	1060	1150	1040	1050	1300	1260 J E
Antimony	mg/kg	0.854	0.381 J Q	0.445	0.374 J Q	0.199 J Q, Z	0.698 J E, Q	0.318 J Q, E
Arsenic	mg/kg	10.7 J Q	10.8 J Q	15.7 J Q	8.37 J Q	7.87 J Q	8.28 J Q	8.69 J Q, E
Beryllium	mg/kg	1.02 J Q	1.22 J Q	0.959 J Q	1.12 J Q	0.786 J Q	0.993 J E	1.22 J Q, E
Barium	mg/kg	191	165	175	161	104	182 J E	177 J E, A
Boron	mg/kg	13.3 J Z	14.1	23.2	15.7	10.7	21.2	5.56 U
Cadmium	mg/kg	0.870 J Q	0.409 J Q	0.735 J Q	0.311 J Q	0.171 J Q	0.762 J Q	0.426 J E, Q
Chromium	mg/kg	40.7 J Q, A	50.7 J Q, A	36.3 J Q, A	44.3 J Q, A	27.1 J Q, A	36.0 J Q, *#	45.7 J Q, E, A
Cobalt	mg/kg	13.7 J Q, A	16.4 J Q, A	11.8 J Q, A	12.8 J Q, A	9.14 J Q, A	15.6 J E, Q	18.4 J Q, E, A
Copper	mg/kg	42.5 J Q, A	17.0 J A	23.6 J Q, A	17.9 J A	11.1 J A	27.1 J E, Q	22.1 J Q, E, A
Vanadium	mg/kg	75.8 J A	94.5 J A	67.9 J A	81.6 J A	52.8 J A	66.0 J E, *#	83.9 J Q, E, A
Zinc	mg/kg	162 J A	106 J A	181 J A	88.2 J A	60.6 J A	152 J E	96.1 J E
Zirconium	mg/kg	5.66 U	2.00 J Z	2.60 J Z	2.62 J Z	1.77 J Z	2.43 J Z	7.72
Calcium	mg/kg	4800	8800	5130	20100	3430	4680	8050 J E
Phosphorus	mg/kg	402	406	367	347	329	322	289 J Q
Selenium	mg/kg	0.119 J Z	0.121 J Q, Z	0.163 J Z	0.0959 J Q, Z	0.0514 J Q, Z	0.244 J Z	0.175 J Z
Chromium VI	mg/kg	1.2 U	1.2 U	0.66 J Z	0.71 J Z	1.1 U	0.63 J Z	1.1 U
Perchlorate (314.0)	ug/kg	34.6 U	34.7 U	33.9 U	34.3 U	33.2 U	33.0 U	34.4 U
Perchlorate (6850)	ug/kg	--	5.8 U	--	--	5.5 U	5.5 U	--
Percent Moisture	%	13.4	13.6	11.5	12.5	9.7	9.2	12.7
pH	pH unit	7.08	8.05	7.21	8.37	8.74	6.17	8.34

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-066-SA5DN-SB-9.0-10.0 05/19/2011 DE156 9 10	SL-067-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-067-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-067-SA5DN-SB-9.0-10.0 05/19/2011 DE156 9 10	SL-068-SA5DN-SB-4.0-5.0 05/17/2011 DE153 4 5	SL-068-SA5DN-SB-9.0-10.0 05/17/2011 DE153 9 10	SL-069-SA5DN-SB-4.0-5.0 05/18/2011 DE155 4 5
Chemical Name	Unit							
Nitrate	mg/kg	3	4.3	1.7	2	--	--	--
Fluoride	mg/kg	9.4 J Q	2.4	11.0 J Q	11.9 J Q	21.1	4.5	13.1
Cyanide	mg/kg	0.59 U	0.55 U	0.55 U	0.58 U	--	--	--
Aluminum	mg/kg	34200	26100	27400	26800	20700	25600	31600
Iron	mg/kg	32900	30500	28300	27500	23400	35200	30800
Lead	mg/kg	13.2 J Q, E, A	19.3 J Q	11.4 J Q, E, A	11.0 J Q, E, A	8.40 J E	6.80 J E	14.2 J Q, E, A
Lithium	mg/kg	34.4	21.6	27.8	26.1	21.3	27.7	28
Magnesium	mg/kg	8070	5790	5910	6700	4440	6750	6700
Manganese	mg/kg	278	492	349	226	430	508	265
Mercury	mg/kg	0.0199 J Z	1.86	0.106 U	0.0132 J Z	0.110 U	0.0040 J Z	0.110 U
Molybdenum	mg/kg	0.248 J Q, E	0.775 J Q	0.446 J Q, E	0.178 J Q, E	0.445	0.127	0.562 J Q, E
Nickel	mg/kg	28.9 J Q, E, A	24.1 J E, Q	23.1 J Q, E, A	25.0 J Q, E, A	14.7 J Q	17.9 J Q	32.2 J Q, E, A
Potassium	mg/kg	4110 J Q	4400 J Q	2920 J Q	3130 J Q	1870 J Q	2710 J Q	2870 J Q
Silver	mg/kg	0.0852 J Q, E, Z	0.0517 J Q, Z	0.0655 J Q, E, Z	0.0591 J Q, E, Z	0.0322 J Q, Z	0.0865 J Q, Z	0.0750 J Q, E, Z
Sodium	mg/kg	990	118	566	722	434	771	541
Strontium	mg/kg	51.4	39.3	42.7	64.5	37.9	48	54.9
Thallium	mg/kg	0.321	0.415 J Q	0.327	0.305	0.264 J Q	0.348 J Q	0.33
Tin	mg/kg	11.9 U B	10.9 U B	11.4 U B	11.3 U B	11.0 U B	11.2 U B	11.3 U B
Titanium	mg/kg	933 J E	1120	1520 J E	1110 J E	842	1120	1190 J E
Antimony	mg/kg	0.300 J Q, E	0.529 J E, Q	0.195 J Q, E, Z	0.188 J Q, E, Z	0.183 J Q, E, Z	0.229 U J Q, E	0.350 J Q, E
Arsenic	mg/kg	4.32 J Q, E	9.81 J Q	7.74 J Q, E	5.00 J Q, E	7.81 J Q	3.40 J Q	8.66 J Q, E
Beryllium	mg/kg	1.08 J Q, E	0.992 J E	1.03 J Q, E	1.05 J Q, E	0.954 J Q	0.901 J Q	1.37 J Q, E
Barium	mg/kg	715 J E, A	170 J E	159 J E, A	128 J E, A	107	137	136 J E, A
Boron	mg/kg	5.97 U	20.8	5.69 U	5.67 U	16	21.3	5.64 U
Cadmium	mg/kg	0.378 J E, Q	0.607 J Q	0.235 J E, Q	0.235 J E, Q	0.145 J Q	0.0648 J Q, Z	0.232 J E, Q
Chromium	mg/kg	55.1 J Q, E, A	33.3 J Q, *#	38.8 J Q, E, A	44.9 J Q, E, A	23.1 J Q	30.2 J Q	45.5 J Q, E, A
Cobalt	mg/kg	9.13 J Q, E, A	11.2 J E, Q	10.4 J Q, E, A	7.15 J Q, E, A	6.22 J Q	5.30 J Q	13.0 J Q, E, A
Copper	mg/kg	23.4 J Q, E, A	23.4 J E, Q	16.4 J Q, E, A	20.0 J Q, E, A	10.9 J Q	16.4 J Q	19.6 J Q, E, A
Vanadium	mg/kg	66.6 J Q, E, A	61.8 J E, *#	74.0 J Q, E, A	61.9 J Q, E, A	47.0 J Q	34.3 J Q	81.8 J Q, E, A
Zinc	mg/kg	96.8 J E	130 J E	68.1 J E	85.5 J E	44.6	60.4	84.8 J E
Zirconium	mg/kg	5.85 J Z	2.71 J Z	6.67	6.18	2.54 J Z	2.48 J Z	6.18
Calcium	mg/kg	12700 J E	5060	7900 J E	26000 J E	8960 J E	6100 J E	7160 J E
Phosphorus	mg/kg	245 J Q	289	229 J Q	270 J Q	175 J Q, E	257 J Q, E	154 J Q
Selenium	mg/kg	0.459 U	0.218 J Z	0.0903 J Z	0.458 U	0.0829 J Z	0.0550 J Z	0.152 J Z
Chromium VI	mg/kg	1.2 U	0.61 J Z	1.1 U	1.2 U	1.1 U	1.2 U	1.2 U
Perchlorate (314.0)	ug/kg	35.8 U	33.0 U	34.1 U	35.0 U	33.6 U	34.6 U	34.9 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	5.8 U	--
Percent Moisture	%	16.2	9.2	12.1	14.4	10.8	13.4	14
pH	pH unit	8.48	6.56	8.46	8.57	7.74	7.39	7.46

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Sample Name Sample Date SDG Start Depth End Depth		SL-069-SA5DN-SB-9.0-10.0 05/18/2011 DE155 9 10	SL-070-SA5DN-SB-4.0-5.0 05/18/2011 DE155 4 5	SL-070-SA5DN-SB-9.0-10.0 05/18/2011 DE155 9 10	SL-071-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-071-SA5DN-SB-4.0-5.0 08/10/2011 DE221 4 5	SL-071-SA5DN-SB-9.0-10.0 08/10/2011 DE221 9 10	SL-072-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	2.3	16.9	9.9	2	10.9 J Q	6.5 J Q	1.9
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	26300	30200	20300	23900	30900	21100	19600
Iron	mg/kg	29100	29800	25900	25800	28800	22700	26200
Lead	mg/kg	15.7 J Q, E, A	9.40 J Q, E, A	11.1 J Q, E, A	11.1 J Q	8.42	6.9	12.8 J Q
Lithium	mg/kg	28.5	32.8	20.3	20.3	27.9	21.2	19.7
Magnesium	mg/kg	6240	6310	5390	5930	5760	3680	5740
Manganese	mg/kg	250	1000	131	347 J *#	366	187	335
Mercury	mg/kg	0.113 U	0.0162 J Z	0.0141 J Z	0.0036 J E, Z	0.0091 J Z	0.109 U	0.112 UJ FD
Molybdenum	mg/kg	0.553 J Q, E	0.411 J Q, E	0.757 J Q, E	0.399	0.581	0.324	0.655 J FD, Q
Nickel	mg/kg	30.3 J Q, E, A	19.9 J Q, E, A	27.5 J Q, E, A	16	22.7	11.9	19.8 J E, Q
Potassium	mg/kg	2690 J Q	3090 J Q	2230 J Q	4480	2610	1750	4330 J Q
Silver	mg/kg	0.0562 J Q, E, Z	0.0439 J Q, E, Z	0.0502 J Q, E, Z	0.0305 J Z	0.0714 J Z	0.0549 J Z	0.0349 J Q, Z
Sodium	mg/kg	609	349	720	132	161	183	124
Strontium	mg/kg	45.2	33.9	54.8	68.4	48.6	33.8	61.2
Thallium	mg/kg	0.286	0.325	0.288	0.283	0.314	0.204	0.297 J Q
Tin	mg/kg	11.2 U B	11.3 U B	11.3 U B	11.0 U B	11.4 U B	11.3 U B	11.1 U B
Titanium	mg/kg	1220 J E	1600 J E	711 J E	1260	1350	1010	1050
Antimony	mg/kg	0.279 J Q, E	0.242 J Q, E	0.184 J Q, E, Z	0.136 J Q, Z	0.109 J Q, Z	0.110 J Q, Z	0.900 J FD, E, Q
Arsenic	mg/kg	9.46 J Q, E	8.02 J Q, E	6.37 J Q, E	5.27	5.02	5.97	5.98 J Q
Beryllium	mg/kg	1.08 J Q, E	0.976 J Q, E	1.22 J Q, E	0.712 J Q	0.96	0.685	0.727 J E
Barium	mg/kg	152 J E, A	136 J E, A	166 J E, A	111	201	58.4	125 J E
Boron	mg/kg	5.60 U	5.65 U	5.65 U	5.49 U	6.98	5.45 J Z	20.2
Cadmium	mg/kg	0.195 J E, Q	0.172 J E, Q	0.175 J E, Q	0.288	0.193	0.0623 J Z	0.307 J Q
Chromium	mg/kg	40.9 J Q, E, A	29.6 J Q, E, A	39.8 J Q, E, A	24.6	31.8	21.8	28.1 J Q, *#
Cobalt	mg/kg	13.6 J Q, E, A	10.4 J Q, E, A	8.95 J Q, E, A	8.34	11.7	7.05	10.1 J E, Q
Copper	mg/kg	19.6 J Q, E, A	13.2 J Q, E, A	19.1 J Q, E, A	13.7	14.1	9.08	17.8 J E, Q
Vanadium	mg/kg	81.8 J Q, E, A	59.0 J Q, E, A	61.9 J Q, E, A	48.2	61.1 J Q	43.5 J Q	57.1 J E, *#
Zinc	mg/kg	75.3 J E	58.7 J E	74.5 J E	103	73.3	38.5	153 J E
Zirconium	mg/kg	6.06	7.06	3.75 J Z	3.11 J Z	3.77 J Z	5.64 U B	2.74 J Z
Calcium	mg/kg	5570 J E	4650 J E	8990 J E	32700	5080	4040	28100
Phosphorus	mg/kg	260 J Q	260 J Q	239 J Q	495	255	196	634
Selenium	mg/kg	0.0759 J Z	0.0695 J Z	0.444 U	0.177 J Z	0.456 U	0.451 U	0.209 J Z
Chromium VI	mg/kg	1.1 U	1.2 U	0.69 J Z	0.77 J Z	1.2 U	1.0 J Z	0.70 J Z
Perchlorate (314.0)	ug/kg	34.3 U	34.6 U	34.6 U	33.0 U	34.9 U	34.5 U	33.5 U
Perchlorate (6850)	ug/kg	--	--	--	--	5.8 U	--	--
Percent Moisture	%	12.5	13.2	13.3	9	14	13.1	10.5
pH	pH unit	7.48	7.8	7.89	7.24	8.01	8.29	7.96

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Sample Name Sample Date SDG Start Depth End Depth		SL-072-SA5DN-SB-4.0-5.0 08/10/2011 DE221 4 5	SL-073-SA5DN-SB-4.0-5.0 05/17/2011 DE153 4 5	SL-073-SA5DN-SB-4.5 06/20/2011 DE184 4.5 4.5	SL-073-SA5DN-SB-9.0-10.0 05/17/2011 DE153 9 10	SL-074-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-074-SA5DN-SB-4.0-5.0 05/18/2011 DE155 4 5	SL-074-SA5DN-SB-9.0-10.0 05/18/2011 DE155 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	2.9 J Q	18.6	--	4.2	3.1	20.6	12.9
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	26500	24600	--	18300	24800	33600	23300
Iron	mg/kg	27000	25000	--	22000	28900	33300	25300
Lead	mg/kg	9.61	6.61 J E	--	7.02 J E	11.8 J Q	12.7 J Q, E, A	9.51 J Q, E, A
Lithium	mg/kg	28.2	23.5	--	25.3	20.7	31.4	24.2
Magnesium	mg/kg	5740	5110	--	4430	5690	7410	6480
Manganese	mg/kg	195	213	--	212	793	347	252
Mercury	mg/kg	0.0091 J Z	0.112 U	--	0.110 U	4.75	0.0180 J Z	0.0153 J Z
Molybdenum	mg/kg	0.248	0.308	--	0.296	0.647 J Q	0.412 J Q, E	0.276 J Q, E
Nickel	mg/kg	16.1	12.2 J Q	--	16.5 J Q	20.6 J E, Q	27.6 J Q, E, A	21.9 J Q, E, A
Potassium	mg/kg	2660	2020 J Q	--	2430 J Q	4570 J Q	3070 J Q	3620 J Q
Silver	mg/kg	0.0708 J Z	0.0546 J Q, Z	--	0.0203 J Q, Z	0.0526 J Q, Z	0.0721 J Q, E, Z	0.0769 J Q, E, Z
Sodium	mg/kg	114	455	--	374	126	654	579
Strontium	mg/kg	59.9	37.2	--	27.5	35.2	70.3	126
Thallium	mg/kg	0.247	0.237 J Q	--	0.249 J Q	0.364 J Q	0.303	0.295
Tin	mg/kg	11.4 U B	11.2 U B	--	10.9 U B	11.0 U B	10.9 U B	11.7 U B
Titanium	mg/kg	1170	1080	--	1040	1280	1180 J E	1360 J E
Antimony	mg/kg	0.238 U J Q	0.107 J Q, E, Z	--	0.222 U J Q, E	0.375 J E, Q	0.254 J Q, E	0.197 J Q, E, Z
Arsenic	mg/kg	5.17	5.53 J Q	--	6.08 J Q	5.89 J Q	7.44 J Q, E	5.71 J Q, E
Beryllium	mg/kg	0.829	0.710 J Q	--	0.636 J Q	0.866 J E	1.18 J Q, E	0.914 J Q, E
Barium	mg/kg	658	82.8	--	89.9	150 J E	146 J E, A	133 J E, A
Boron	mg/kg	7.27	16	--	12.7	20.4	5.46 U	1.30 J Z
Cadmium	mg/kg	0.288	0.0817 J Q, Z	--	0.156 J Q	0.549 J Q	0.211 J E, Q	0.608 J E, Q
Chromium	mg/kg	30.3	20.8 J Q	--	17.7 J Q	29.0 J Q, *#	42.2 J Q, E, A	38.3 J Q, E, A
Cobalt	mg/kg	9.94	6.29 J Q	--	8.50 J Q	10.4 J E, Q	12.2 J Q, E, A	8.60 J Q, E, A
Copper	mg/kg	13.6	9.35 J Q	--	12.8 J Q	17.7 J E, Q	19.3 J Q, E, A	17.9 J Q, E, A
Vanadium	mg/kg	54.9 J Q	41.6 J Q	--	36.0 J Q	54.4 J E, *#	67.7 J Q, E, A	62.0 J Q, E, A
Zinc	mg/kg	59.7	40.4	--	47	91.8 J E	79.5 J E	72.8 J E
Zirconium	mg/kg	4.03 J Z	2.39 J Z	--	1.21 J Z	1.19 J Z	6.47	6.75
Calcium	mg/kg	24800	4770 J E	--	3360 J E	4820	22300 J E	78700 J E
Phosphorus	mg/kg	267	131 J Q, E	--	227 J Q, E	346	165 J Q	445 J Q
Selenium	mg/kg	0.476 U	0.435 U	--	0.444 U	0.203 J Z	0.184 J Z	0.0825 J Z
Chromium VI	mg/kg	1.2 U	1.1 U	--	1.1 U	0.48 J Z	1.1 U	1.2 U
Perchlorate (314.0)	ug/kg	35.7 U	33.9 U	--	34.0 U	33.1 U	34.1 U	35.0 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	2.7 J Z
Percent Moisture	%	15.9	11.6	12.1	11.7	9.3	12	14.2
pH	pH unit	8.12	8.06	--	7.95	6.78	8.38	8.72

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-075-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-075-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5	SL-075-SA5DN-SB-9.0-10.0 05/23/2011 DE159 9 10	SL-076-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-076-SA5DN-SB-4.0-5.0 05/18/2011 DE155 4 5	SL-076-SA5DN-SB-9.0-10.0 05/18/2011 DE155 9 10	SL-077-SA5DN-SB-4.0-5.0 06/27/2011 DE189 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.9	13.3	6.3	4.1	18.2	10.3	6.5 J E
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	25800	30900	16500	23900	27900	22600	38400
Iron	mg/kg	29600	31600	19700	33600	29700	25500	29800
Lead	mg/kg	9.36 J Q	13.3	8.38	17.0 J Q	7.87 J Q, E, A	12.2 J Q, E, A	12.9 J Q, E
Lithium	mg/kg	23.4	35.2	22.4	21.9	31.9	25.6	32.4
Magnesium	mg/kg	6000	6880	4760	5760	6470	6170	7920
Manganese	mg/kg	754	178	301	363	269	289	218 J E, Q
Mercury	mg/kg	0.102 J Z	0.111 U	0.112 U	3.34	0.0068 J FD, Z	0.0129 J Z	0.0126 J Z
Molybdenum	mg/kg	0.402 J Q	0.224 J E, Q	0.782 J E, Q	0.796 J Q	0.149 J Q, E	0.419 J Q, E	0.526 J Q
Nickel	mg/kg	19.9 J E, Q	28.7 J E, Q	24.4 J E, Q	25.6 J E, Q	16.8 J Q, E, A	27.3 J Q, E, A	27.2 J Q
Potassium	mg/kg	3540 J Q	3230 J Q	2500 J Q	4070 J Q	2720 J Q	3340 J Q	4130 J Q
Silver	mg/kg	0.0527 J Q, Z	0.0595 J Q, Z	0.0669 J Q, Z	0.0797 J Q, Z	0.0403 J Q, E, Z	0.0618 J Q, E, Z	0.0611 J Q, Z
Sodium	mg/kg	158	714	393	134	738	710	399
Strontium	mg/kg	44.7	57.5	78.8	32.7	57	99.6	48.1
Thallium	mg/kg	0.334 J Q	0.477 J Q	0.379 J Q	0.396 J Q	0.293	0.257	0.493 J Q, E
Tin	mg/kg	12.0 U B	11.1 U B, Z	11.3 U B, Z	10.5 U B	10.6 U B	11.3 U B	11.4 U B
Titanium	mg/kg	1320	1290	1230	1310	715 J E	1260 J E	1370
Antimony	mg/kg	0.288 J E, Q	0.204 J Q, Z	0.194 J Q, Z	0.548 J E, Q	0.134 J FD, Q, E, Z	0.257 J Q, E	0.363 J Q, E
Arsenic	mg/kg	5.49 J Q	7.08 J E, Q	7.16 J E, Q	9.67 J Q	4.54 J Q, E	9.81 J Q, E	8.51 J Q
Beryllium	mg/kg	0.829 J E	1.00 J E	0.645 J E	1.05 J E	0.785 J Q, E	0.966 J Q, E	1.18 J Q
Barium	mg/kg	149 J E	170 J E	125 J E	143 J E	120 J E, A	126 J E, A	177
Boron	mg/kg	19.8	5.55 U	5.64 U	20.9	5.31 U	5.67 U	13.8
Cadmium	mg/kg	0.217 J Q	0.490 J E, Q	0.484 J E, Q	0.706 J Q	0.0913 J E, Q, Z	0.424 J E, Q	0.303 J Q
Chromium	mg/kg	28.5 J Q, *#	26.8 J *#	20.7 J *#	36.3 J Q, *#	27.0 J Q, E, A	41.4 J Q, E, A	42.7 J Q
Cobalt	mg/kg	8.85 J E, Q	8.52 J E, *#	8.19 J E, *#	13.8 J E, Q	6.37 J FD, Q, E, A	12.6 J Q, E, A	11.6 J Q
Copper	mg/kg	14.4 J E, Q	16.8 J E, Q	13.2 J E, Q	22.9 J E, Q	12.5 J Q, E, A	19.7 J Q, E, A	18.8 J Q
Vanadium	mg/kg	52.8 J E, *#	77.2 J E	59.4 J E	71.1 J E, *#	38.8 J Q, E, A	80.0 J Q, E, A	77.7
Zinc	mg/kg	61.8 J E	76.6 J *#	62.8 J *#	129 J E	51.7 J E	90.6 J E	92.7
Zirconium	mg/kg	1.96 J Z	4.75 J Z	4.70 J Z	2.18 J Z	3.85 J Z	6.36	6.1
Calcium	mg/kg	5780	10300 J E	42600 J E	4750	5820 J FD, E	66100 J E	5930
Phosphorus	mg/kg	363	226 J Q	387 J Q	323	155 J Q	427 J Q	238 J Q
Selenium	mg/kg	0.137 J Z	0.453 U	0.0459 J Z	0.206 J Z	0.0846 J Z	0.0540 J Z	0.0759 J Q, L, Z
Chromium VI	mg/kg	1.2 U	0.32 J Z	0.36 J Z	0.52 J Z	1.1 U	1.2 U	1.2 U
Perchlorate (314.0)	ug/kg	36.5 U	34.6 U	34.5 U	32.9 U	33.1 U	34.7 U	35.6 U
Perchlorate (6850)	ug/kg	--	3.9 J Z	5.8 U	--	--	--	--
Percent Moisture	%	17.7	13.4	13.1	8.8	9.5	13.6	15.8
pH	pH unit	7.75	8.54	8.91	7.23	8.49	8.65	7.78

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-077-SA5DN-SB-9.0-10.0 06/27/2011 DE189 9 10	SL-078-SA5DN-SB-4.0-5.0 06/27/2011 DE189 4 5	SL-078-SA5DN-SB-9.0-10.0 06/27/2011 DE189 9 10	SL-079-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-079-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-079-SA5DN-SB-9.0-10.0 05/19/2011 DE156 9 10	SL-080-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	5.3 J E	10.9 J E	3.7 J E	3.9	29.6 J Q	9.6 J Q	3.5
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	31200	32900	26400	24500	29300	27500	23300
Iron	mg/kg	30900	37500	30200	28700	31900	32300	26700
Lead	mg/kg	12.6 J Q, E	16.4 J Q, E	9.56 J Q, E	16.0 J Q	17.8 J Q, E, A	11.7 J Q, E, A	13.6 J Q
Lithium	mg/kg	30.6	31	27.5	20.9	28.1	30.2	19.4
Magnesium	mg/kg	6970	7850	5980	5610	7550	7120	5280
Manganese	mg/kg	198 J E, Q	402 J E, Q	173 J E, Q	412	368	368	478
Mercury	mg/kg	0.112 U	0.0119 J Z	0.0251 J Z	35.4	0.0186 J Z	0.0130 J Z	4.95
Molybdenum	mg/kg	0.520 J Q	0.477 J Q	0.322 J Q	0.747 J Q	0.529 J Q, E	0.466 J Q, E	0.633 J Q
Nickel	mg/kg	28.8 J Q	31.1 J Q	17.7 J Q	24.3 J E, Q	32.5 J Q, E, A	26.2 J Q, E, A	23.6 J E, Q
Potassium	mg/kg	3240 J Q	3480 J Q	2770 J Q	4470 J Q	3330 J Q	3570 J Q	4590 J Q
Silver	mg/kg	0.0566 J Q, Z	0.0428 J Q, Z	0.0402 J Q, Z	0.0972 J Q, Z	0.0693 J Q, E, Z	0.0979 J Q, E, Z	0.0782 J Q, Z
Sodium	mg/kg	605	538	332	109	697	604	99.5 J Z
Strontium	mg/kg	44.2	41.6	33.3	34.4	44.3	46.1	32.2
Thallium	mg/kg	0.353 J Q, E	0.468 J Q, E	0.349 J Q, E	0.409 J Q	0.313	0.31	0.379 J Q
Tin	mg/kg	11.5 U B	11.2 U B	11.3 U B	10.7 U B	11.0 U B	11.8 U B	11.0 U B
Titanium	mg/kg	1060	1240	1040	1300	1310 J E	1410 J E	1150
Antimony	mg/kg	0.281 J Q, E	0.326 J Q, E	0.163 J Q, E, Z	0.483 J E, Q	0.295 J Q, E	0.223 J Q, E, Z	0.456 J E, Q
Arsenic	mg/kg	12.4 J Q	12.1 J Q	7.69 J Q	8.08 J Q	9.14 J Q, E	7.61 J Q, E	7.37 J Q
Beryllium	mg/kg	1.07 J Q	1.26 J Q	0.922 J Q	0.928 J E	1.22 J Q, E	1.03 J Q, E	0.948 J E
Barium	mg/kg	132	187	114	172 J E	140 J E, A	160 J E, A	169 J E
Boron	mg/kg	12.1	15.3	9.72	20	1.47 J Z	5.88 U	19.3
Cadmium	mg/kg	0.407 J Q	0.374 J Q	0.340 J Q	0.748 J Q	0.471 J E, Q	0.304 J E, Q	0.640 J Q
Chromium	mg/kg	35.1 J Q	44.7 J Q	28.5 J Q	32.7 J Q, *#	46.1 J Q, E, A	42.1 J Q, E, A	31.6 J Q, *#
Cobalt	mg/kg	15.9 J Q	15.9 J Q	8.87 J Q	11.9 J E, Q	20.9 J Q, E, A	13.8 J Q, E, A	11.4 J E, Q
Copper	mg/kg	20.2 J Q	23.0 J Q	15.6 J Q	22.4 J E, Q	20.8 J Q, E, A	18.6 J Q, E, A	19.6 J E, Q
Vanadium	mg/kg	77.3	86.5	53.6	62.2 J E, *#	84.2 J Q, E, A	73.8 J Q, E, A	58.7 J E, *#
Zinc	mg/kg	78.9	95.2	67.8	140 J E	90.1 J E	83.7 J E	121 J E
Zirconium	mg/kg	4.53 J Z	5.57 J Z	4.13 J Z	2.75 J Z	7.78	7.63	5.50 U
Calcium	mg/kg	6310	6170	7810	5120	7440 J E	17100 J E	4890
Phosphorus	mg/kg	330 J Q	334 J Q	332 J Q	420	297 J Q	373 J Q	396
Selenium	mg/kg	0.469 U	0.0838 J Q, L, Z	0.443 U	0.192 J Z	0.193 J Z	0.0637 J Z	0.200 J Z
Chromium VI	mg/kg	1.2 U	1.2 U	1.2 U	1.1 U	1.1 U	1.2 U	0.60 J Z
Perchlorate (314.0)	ug/kg	35.9 U	34.8 U	34.5 U	33.1 U	33.7 U	36.4 U	33.3 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	16.4	13.9	13.1	9.4	10.9	17.5	10
pH	pH unit	8.07	8.1	8.34	7.31	8.35	8.59	7.18

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

Sample Name Sample Date SDG Start Depth End Depth		SL-080-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-080-SA5DN-SB-8.0-9.0 05/19/2011 DE156 8 9	SL-081-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-081-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5	SL-081-SA5DN-SB-9.0-10.0 05/23/2011 DE159 9 10	SL-082-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-082-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	27.4 J Q	7.4 J Q	2.8 J Q	20.8	4.9	3.4 J Q	18.0 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	33600	20700	21300	28900	19100	24100	26500
Iron	mg/kg	34900	26400	27400	29500	21500	30900	26500
Lead	mg/kg	13.4 J Q, E, A	7.77 J Q, E, A	14.3 J Q	14.7	7.15	22.9 J Q	13.2 J Q, E, A
Lithium	mg/kg	30.7	23.3	19.6	28.1	25.8	21	26.3
Magnesium	mg/kg	8140	4900	5580	6630	4490	5690	5960
Manganese	mg/kg	348	247	449	407	284	469	226
Mercury	mg/kg	0.0210 J Z	0.108 U	1.31	0.106 U	0.0130 J Z	1.69	0.0102 J Z
Molybdenum	mg/kg	0.462 J Q, E	0.268 J Q, E	0.651 J Q	0.579 J E, Q	0.418 J E, Q	0.776 J Q	0.505 J Q, E
Nickel	mg/kg	27.4 J Q, E, A	17.8 J Q, E, A	20.0 J E, Q	29.5 J E, Q	17.7 J E, Q	27.3 J E, Q	28.6 J Q, E, A
Potassium	mg/kg	3840 J Q	2220 J Q	3980 J Q	3490 J Q	2320 J Q	4520 J Q	2610 J Q
Silver	mg/kg	0.0542 J Q, E, Z	0.0450 J Q, E, Z	0.0670 J Q, Z	0.0729 J Q, Z	0.0560 J Q, Z	0.0727 J Q, Z	0.0705 J Q, E, Z
Sodium	mg/kg	556	499	136	575	341	104 J Z	618
Strontium	mg/kg	47.1	30	32	39.1	23	33.1	50.3
Thallium	mg/kg	0.348	0.256	0.360 J Q	0.478 J Q	0.337 J Q	0.398 J Q	0.283
Tin	mg/kg	10.9 U B	10.7 U B	10.4 U B	11.0 U B, Z	10.5 U B, Z	10.9 U B	10.8 U B
Titanium	mg/kg	1510 J E	1210 J E	1310	1710	1230	1220	747 J E
Antimony	mg/kg	0.276 J Q, E	0.207 J Q, E, Z	0.412 J E, Q	0.331 J Q	0.179 J Q, Z	0.726 J E, Q	0.268 J Q, E
Arsenic	mg/kg	7.98 J Q, E	6.17 J Q, E	6.49 J Q	8.31 J E, Q	6.69 J E, Q	9.98 J Q	7.00 J Q, E
Beryllium	mg/kg	1.13 J Q, E	1.06 J Q, E	0.802 J E	1.04 J E	0.735 J E	1.11 J E	1.13 J Q, E
Barium	mg/kg	182 J E, A	113 J E, A	160 J E	217 J E	113 J E	178 J E	159 J E, A
Boron	mg/kg	5.46 U	5.36 U	18.2	1.00 J Z	5.25 U	20.3	5.40 U
Cadmium	mg/kg	0.325 J E, Q	0.137 J E, Q	0.514 J Q	0.448 J E, Q	0.162 J E, Q	0.766 J Q	0.270 J E, Q
Chromium	mg/kg	39.6 J Q, E, A	31.3 J Q, E, A	28.1 J Q, *#	28.3 J *#	18.7 J *#	37.2 J Q, *#	38.4 J Q, E, A
Cobalt	mg/kg	16.7 J Q, E, A	7.00 J Q, E, A	9.85 J E, Q	14.7 J E, *#	6.21 J E, *#	17.0 J E, Q	12.7 J Q, E, A
Copper	mg/kg	20.5 J Q, E, A	15.7 J Q, E, A	19.4 J E, Q	18.2 J E, Q	10.8 J E, Q	24.0 J E, Q	16.1 J Q, E, A
Vanadium	mg/kg	72.3 J Q, E, A	52.4 J Q, E, A	55.4 J E, *#	93.1 J E	55.1 J E	70.9 J E, *#	70.6 J Q, E, A
Zinc	mg/kg	77.2 J E	61.1 J E	113 J E	86.3 J *#	63.5 J *#	146 J E	71.2 J E
Zirconium	mg/kg	8.5	5.01 J Z	1.76 J Z	6.4	3.95 J Z	2.60 J Z	4.07 J Z
Calcium	mg/kg	10200 J E	14400 J E	4570	7380 J E	7150 J E	6030	9010 J E
Phosphorus	mg/kg	243 J Q	320 J Q	415	313 J Q	291 J Q	336	125 J Q
Selenium	mg/kg	0.103 J Z	0.433 U	0.157 J Z	0.438 U	0.429 U	0.223 J Z	0.133 J Z
Chromium VI	mg/kg	1.1 U	1.1 U	3.3	1.4	1.1 U	0.61 J Z	1.1 U
Perchlorate (314.0)	ug/kg	33.4 U	33.1 U	32.4 U	33.1 U	32.8 U	33.1 U	32.8 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	10.3	9.5	7.3	9.5	8.5	9.5	8.4
pH	pH unit	8.61	8.66	7.05	8.13	8.6	7.6	8.35

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-083-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-083-SA5DN-SB-4.0-5.0 08/08/2011 DE219 4 5	SL-084-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-084-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5	SL-085-SA5DN-SB-2.5-3.5 06/27/2011 DE189 2.5 3.5	SL-086-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-086-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	2.8	0.96 J Q, Z
Fluoride	mg/kg	3.0 J Q	13.8 J E, Q	2.4 J Q	5.9	4.6 J E	2.6 J Q	5.0 J Q
Cyanide	mg/kg	--	--	--	--	--	0.58 U	0.56 U
Aluminum	mg/kg	26000	24700	24300	23100	31500	24600	20600
Iron	mg/kg	31500	29400	28600	24000	29600	28000	27800
Lead	mg/kg	13.0 J Q	12.3 J Q	13.9 J Q	10.6	9.06 J Q, E	13.4 J Q, A	10.3 J A
Lithium	mg/kg	22.9	24.8	21.2	23.5	30.7	20.1	21.6
Magnesium	mg/kg	5910	6500	5940	4850	5420	5870	6530
Manganese	mg/kg	588	406 J Q, E	376	211	281 J E, Q	491	283
Mercury	mg/kg	2.34	0.113 U	1.53	0.0663 J Z	0.0133 J Z	0.123	0.113 U
Molybdenum	mg/kg	0.567 J Q	0.423	0.514 J Q	0.605 J E, Q	0.681 J Q	0.693 J Q	0.331 J Q
Nickel	mg/kg	19.3 J E, Q	26.6 J Q, *#	17.4 J E, Q	20.0 J E, Q	19.3 J Q	25.6 J Q, A	20.9 J Q, A
Potassium	mg/kg	4260 J Q	3010 J Q	4290 J Q	2100 J Q	2720 J Q	4560 J Q	2960 J Q
Silver	mg/kg	0.0720 J Q, Z	0.0528 J Z	0.0570 J Q, Z	0.0345 J Q, Z	0.0782 J Q, Z	0.0490 J Q, Z	0.0401 J Q, Z
Sodium	mg/kg	103 J Z	413	138	261	316	108 J Z	279
Strontium	mg/kg	32.5	77.8	32.1	44.6	31.8	32.4	45.4
Thallium	mg/kg	0.325 J Q	0.394	0.311 J Q	0.405 J Q	0.324 J Q, E	0.440 J Q	0.367 J Q
Tin	mg/kg	10.9 U B	11.1 U B	11.1 U B	10.6 U B, Z	11.7 U B	11.3 U B	11.1 U B
Titanium	mg/kg	1230	1110	1320	1310	974	1140	975
Antimony	mg/kg	0.423 J E, Q	0.223 U J B, Q	0.445 J E, Q	0.259 J Q	0.318 J Q, E	0.349	0.220 J Q, Z
Arsenic	mg/kg	7.90 J Q	8.55 J Q	5.85 J Q	9.95 J E, Q	8.91 J Q	7.96 J Q	7.80 J Q
Beryllium	mg/kg	0.745 J E	0.97	0.727 J E	0.867 J E	0.982 J Q	1.09 J Q	0.803 J Q
Barium	mg/kg	129 J E	168	140 J E	167 J E	118	194	140
Boron	mg/kg	21.3	7.66	19.3	5.32 U	9.42	21.1	14.4
Cadmium	mg/kg	0.498 J Q	0.392	0.559 J Q	0.153 J E, Q	0.137 J Q	0.503 J Q	0.320 J Q
Chromium	mg/kg	26.6 J Q, *#	39.0 J E, *#	25.4 J Q, *#	20.7 J *#	30.6 J Q	40.1 J Q, A	34.3 J Q, A
Cobalt	mg/kg	9.82 J E, Q	13.7 J E	8.76 J E, Q	4.97 J E, *#	8.06 J Q	14.9 J Q, A	8.97 J Q, A
Copper	mg/kg	18.0 J E, Q	20.1 J E	16.9 J E, Q	14.0 J E, Q	15.0 J Q	22.3 J Q, A	12.6 J A
Vanadium	mg/kg	51.2 J E, *#	73.5 J E, *#	51.1 J E, *#	77.3 J E	57.1	75.8 J A	67.5 J A
Zinc	mg/kg	102 J E	82.8 J E, Q	128 J E	70.2 J *#	60.2	94.9 J A	64.5 J A
Zirconium	mg/kg	2.63 J Z	4.69 J Z	2.19 J Z	4.74 J Z	3.91 J Z	3.01 J Z	1.90 J Z
Calcium	mg/kg	5060	48800	4830	33200 J E	13500	4830	21900
Phosphorus	mg/kg	322	452 J Q	389	224 J Q	202 J Q	283	370
Selenium	mg/kg	0.134 J Z	0.108 J Q, E, Z	0.176 J Z	0.0788 J Z	0.457 U	0.220 J Z	0.0673 J Q, Z
Chromium VI	mg/kg	0.54 J Z	0.52 J Z	0.40 J Z	0.85 J Z	1.2 U	0.32 J Z	1.1 U
Perchlorate (314.0)	ug/kg	33.1 U	34.2 U	33.8 U	33.2 U	35.0 U	35.0 U	34.3 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	5.7 U
Percent Moisture	%	9.5	12.2	11.3	9.6	14.2	14.2	12.6
pH	pH unit	7.03	8.51	6.98	8.34	8.14	6.71	8.41

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-087-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-088-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-088-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-089-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-089-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5	SL-090-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-091-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	2.2	--	--	2.2	1.1 J Z	2.9	--
Fluoride	mg/kg	2.6 J Q	1.6 J Q	4.9 J Q	2.3 J Q	3.1	1.6 J Q	2.2
Cyanide	mg/kg	0.53 U	--	--	0.55 U	0.53 U	0.61 U	--
Aluminum	mg/kg	21800	19500	19500	26700	25600	21600	30200
Iron	mg/kg	26400	25300	25100	29700	27300	24500	31300
Lead	mg/kg	19.1 J Q, A	7.87 J Q, A	9.38 J A	10.4 J Q, A	15.4	12.8 J Q, A	12.3 J Q
Lithium	mg/kg	19.6	16	19.6	21.9	27	23.5	24.2
Magnesium	mg/kg	5830	4920	4690	5860	5550	5230	6550
Manganese	mg/kg	456	452	165	398	430	174	463 J *#
Mercury	mg/kg	2.18	0.108 U B	0.116 U	0.112 U B	0.103 U	0.119 U B	0.0351 J E, Z
Molybdenum	mg/kg	0.678 J Q	0.558 J Q	0.626 J Q	0.584 J Q	0.540 J E, Q	0.338 J Q	0.573
Nickel	mg/kg	22.2 J Q, A	16.7 J Q, A	15.7 J Q, A	20.4 J Q, A	29.9 J E, Q	19.6 J Q, A	21.3
Potassium	mg/kg	3910 J Q	4530 J Q	2110 J Q	4190 J Q	2650 J Q	3120 J Q	6010
Silver	mg/kg	0.0786 J Q, Z	0.0394 J Q, Z	0.0357 J Q, Z	0.0556 J Q, Z	0.0750 J Q, Z	0.0559 J Q, Z	0.0521 J Z
Sodium	mg/kg	107 J Z	87.3 J Z	170	106 J Z	191	116 J Z	95.2 J Z
Strontium	mg/kg	29.5	26.5	26.3	31.3	28.8	29.7	31.8
Thallium	mg/kg	0.353 J Q	0.485 J Q	0.352 J Q	0.459 J Q	0.440 J Q	0.385 J Q	0.328
Tin	mg/kg	10.8 U B	10.9 U B	11.5 U B	11.5 U B	10.9 U B, Z	12.3 U B	10.6 U B
Titanium	mg/kg	1110	1090	1190	1170	1390	979	1340
Antimony	mg/kg	0.534	0.451	0.206 J Q, Z	0.274	0.370 J Q	0.278	0.171 J Q, Z
Arsenic	mg/kg	7.12 J Q	4.33 J Q	8.58 J Q	6.06 J Q	12.3 J E, Q	4.05 J Q	5.37
Beryllium	mg/kg	0.909 J Q	1.23 J Q	0.949 J Q	0.881 J Q	1.14 J E	0.771 J Q	0.869 J Q
Barium	mg/kg	183	121	123	141	176 J E	106	133
Boron	mg/kg	19.3	19.1	11.7	23	5.45 U	16.7	5.31 U
Cadmium	mg/kg	0.759 J Q	0.264 J Q	0.0535 J Q, Z	0.348 J Q	0.330 J E, Q	0.656 J Q	0.442
Chromium	mg/kg	34.1 J Q, A	42.1 J Q, A	30.2 J Q, A	31.1 J Q, A	22.7 J *#	31.2 J Q, A	29.4
Cobalt	mg/kg	12.5 J Q, A	8.27 J Q, A	6.76 J Q, A	10.1 J Q, A	9.24 J E, *#	9.33 J Q, A	9.6
Copper	mg/kg	21.6 J Q, A	14.2 J Q, A	10.4 J A	17.1 J Q, A	20.1 J E, Q	107 J Q, A	16.5
Vanadium	mg/kg	68.7 J A	79.0 J A	56.9 J A	58.6 J A	90.3 J E	50.7 J A	53.7
Zinc	mg/kg	190 J A	55.9 J A	58.7 J A	77.8 J A	79.6 J *#	370 J A	88.7
Zirconium	mg/kg	2.42 J Z	1.85 J Z	1.36 J Z	3.06 J Z	5.65	2.31 J Z	3.34 J Z
Calcium	mg/kg	4640	3650	4630	4690	4530 J E	3800	5530
Phosphorus	mg/kg	329	292	172	254	253 J Q	263	416
Selenium	mg/kg	0.141 J Z	0.147 J Z	0.0625 J Q, Z	0.177 J Z	0.0574 J Z	0.118 J Z	0.161 J Z
Chromium VI	mg/kg	1.1 U	0.55 J Z	0.65 J Z	1.2 UJ FD	0.41 J Z	1.2 U	0.59 J Z
Perchlorate (314.0)	ug/kg	33.7 U	33.8 U	35.9 U	34.8 U	33.0 U	37.1 U	32.8 U
Perchlorate (6850)	ug/kg	--	--	6.0 U	5.8 U	5.5 U	--	5.5 U
Percent Moisture	%	11.1	11.2	16.4	13.8	9.1	19.2	8.5
pH	pH unit	7.27	6.14	7.82	6.56	7.55	7.07	7.08

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

Sample Name Sample Date SDG Start Depth End Depth		SL-091-SA5DN-SB-4.0-5.0 06/24/2011 DE188 4 5	SL-092-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-092-SA5DN-SB-4.0-5.0 06/24/2011 DE188 4 5	SL-092-SA5DN-SB-7.0-8.0 06/24/2011 DE188 7 8	SL-093-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-093-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5	SL-093-SA5DN-SB-9.0-10.0 06/20/2011 DE184 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	3.2 J E, Q	1.6	3.3 J E, Q	6.2 J E, Q	1.5	3.3 J Q	8.2 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	22100	29300	29900	21500	29400	35700	23900
Iron	mg/kg	28600 J A	29600	33800 J A	26600 J A	30900	37000	19300
Lead	mg/kg	16	12.1 J Q	13.7 J E, A	8.37 J E, A	12.7 J Q	14.4 J E, Q	11.8 J E, Q
Lithium	mg/kg	25.2	24	29.9	21.4	24	30.1	22.3
Magnesium	mg/kg	5960	6620	7700	5950	6490	8520	4530
Manganese	mg/kg	375	449 J *#	472	356	452 J *#	417	207
Mercury	mg/kg	0.117 U	0.0048 J E, Z	0.112 U	0.116 U	0.0127 J E, Z	0.118 U	0.109 U
Molybdenum	mg/kg	0.466	0.492	0.518 J Q	0.297 J Q	0.52	1.24	0.389
Nickel	mg/kg	30.4	22.1	31.7 J E, Q, A	18.8 J E, Q, A	21.5	30.3	26.2
Potassium	mg/kg	3230 J Q	5810	3830 J Q	3100 J Q	5880	4060 J Q	2240 J Q
Silver	mg/kg	0.0768 J Z	0.0519 J Z	0.0675 J FD, Q, Z	0.0480 J Q, Z	0.0473 J Z	0.0543 J Z	0.0584 J Z
Sodium	mg/kg	105 J Z	89.2 J Z	223	159	92.0 J Z	218	188
Strontium	mg/kg	61.3	31.5	38	54.7	29.7	42.1	48.5
Thallium	mg/kg	0.451	0.328	0.423 J Q	0.304 J Q	0.362	0.519	0.411
Tin	mg/kg	11.5 U B	11.1 U B	11.2 U B	11.4 U B	10.5 U B	11.4 U B	11.1 U B
Titanium	mg/kg	1240	1350	1350	1230	1390	1560 J L	1210 J L
Antimony	mg/kg	0.239 U B	0.0839 J Q, Z	0.223 UJ B, E	0.228 UJ B, E	0.126 J Q, Z	0.228 UJ B, Q	0.224 UJ B, Q
Arsenic	mg/kg	8.49	5.81	10.1 J E, A	5.92 J E, A	5.62	8.71	6.75
Beryllium	mg/kg	1.11	0.926 J Q	1.28 J E, Q	0.705 J E, Q	0.866 J Q	1.23	1.08
Barium	mg/kg	189	144	182 J A	120 J A	139	188	166
Boron	mg/kg	11.1	5.53 U	16	11.5	5.25 U	6.44	2.56 J Z
Cadmium	mg/kg	0.428	0.446	0.370 J Q	0.368 J Q	0.472	0.664	0.361
Chromium	mg/kg	42.4	32.2	42.5 J E, Q	26.9 J E, Q	30.3	55.1	43.7
Cobalt	mg/kg	16	10.5	16.7 J E, Q, A	9.04 J E, Q, A	10.7	17.2	12.8
Copper	mg/kg	21.8	16.8	23.7 J E, Q, A	13.4 J E, Q, A	16.5	28.7 J E	19.4 J E
Vanadium	mg/kg	98.3	60.4	77.2 J E	50.5 J E	56.8	101	74.3
Zinc	mg/kg	110	85.1	99.0 J E, A	58.7 J E, A	82.8	107	81.5
Zirconium	mg/kg	5.63 J Z	3.92 J Z	8.67	5.50 J Z	3.78 J Z	6.6	4.16 J Z
Calcium	mg/kg	48100	5510	7840	42200	5290	9230 J E	113000 J E
Phosphorus	mg/kg	478	428	406	423	403	474 J Q	286 J Q
Selenium	mg/kg	0.151 J Z	0.171 J Z	0.150 J FD, Q, Z	0.456 U	0.214 J Z	0.324 J Z	0.0865 J Z
Chromium VI	mg/kg	0.56 J Z	1.4	0.48 J Z	1.2 U	0.95 J Z	0.56 J Z	1.1 U
Perchlorate (314.0)	ug/kg	35.9 U	33.5 U	34.5 U	35.3 U	32.8 U	35.5 U	33.9 U
Perchlorate (6850)	ug/kg	6.0 U	--	5.7 U	--	--	--	--
Percent Moisture	%	16.4	10.5	13	14.9	8.5	15.6	11.5
pH	pH unit	8.36	7.06	7.82	8.41	6.67	7.95	8.17

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-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-094-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-094-SA5DN-SB-9.0-10.0 06/22/2011 DE186 9 10	SL-095-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-095-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-095-SA5DN-SB-9.0-10.0 06/22/2011 DE186 9 10	SL-097-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	1.9
Fluoride	mg/kg	2.4 J Q	3.2 J Q	3.7 J Q	1.3 J Q	2.3 J Q	6.1 J Q	1.8 J Q
Cyanide	mg/kg	--	--	--	--	--	--	0.53 U
Aluminum	mg/kg	25300	33600	35600	16800	32200	18700	25100
Iron	mg/kg	28600	34400	34200	21800	33900	20700	29000
Lead	mg/kg	12	13.8 J E, A	11.3 J E, A	14.4	17.4 J E, A	9.68 J E, A	26.4
Lithium	mg/kg	22.3	29.2	30.9	17.3	27.6	21.2	21.7
Magnesium	mg/kg	6220	7930	6570	4580	7270	4520	6170
Manganese	mg/kg	467 J E	387	386	359 J E	458	230	490 J E
Mercury	mg/kg	0.0319 J Z	0.0217 J Z	0.114 U B	0.0626 J Z	0.107 U B	0.108 U B	0.0586 J Z
Molybdenum	mg/kg	0.568	0.711 J E, Q	0.524 J E, Q	0.575	0.997 J E, Q	0.524 J E, Q	0.587
Nickel	mg/kg	20.7 J E, Q	34.6 J E, Q, A	26.6 J E, Q, A	15.7 J E, Q	43.4 J E, Q, A	24.9 J E, Q, A	20.9 J E, Q
Potassium	mg/kg	5710 J E	3650 J Q	3200 J Q	4590 J E	4190 J Q	2440 J Q	5620 J E
Silver	mg/kg	0.0507 J Z	0.0603 J Q, E, Z	0.0969 J Q, E, Z	0.0491 J Z	0.0958 J Q, E, Z	0.0536 J Q, E, Z	0.0492 J Z
Sodium	mg/kg	78.0 J Z	99.8 J Z	147	72.6 J Z	106 J Z	100 J Z	68.9 J Z
Strontium	mg/kg	27.9	34.3	32.8	21.9	31.9	47.8	27
Thallium	mg/kg	0.308	0.483 J Q, E	0.443 J Q, E	0.222	0.605 J Q, E	0.388 J Q, E	0.309
Tin	mg/kg	10.9 U B	11.5 U B	11.3 U B	10.3 U B	11.2 U B	11.1 U B	11.0 U B
Titanium	mg/kg	1220	1290	954	1030	1190	1060	1270
Antimony	mg/kg	0.246 J Q	0.175 J Q, Z	0.190 J Q, Z	0.198 J Q, Z	0.186 J Q, Z	0.164 J Q, Z	0.239 J Q
Arsenic	mg/kg	6.17 J Q	13.4 J E, A	9.68 J E, A	5.23 J Q	12.7 J E, A	8.11 J E, A	6.41 J Q
Beryllium	mg/kg	0.72	1.21 J E, Q	1.22 J E, Q	0.506	1.42 J E, Q	0.867 J E, Q	0.731
Barium	mg/kg	135	205 J E, A	178 J E, A	102	157 J E, A	135 J E, A	136
Boron	mg/kg	5.47 U	16.6	13.9	5.15 U	15	9.4	5.51 U
Cadmium	mg/kg	0.446	0.380 J Q, E	0.245 J Q, E	0.5	0.546 J Q, E	0.342 J Q, E	2.29
Chromium	mg/kg	25.5 J Q, A	41.7 J E	38.4 J E	20.4 J Q, A	49.9 J E	28.0 J E	26.5 J Q, A
Cobalt	mg/kg	9.83	14.3 J E, Q, A	8.72 J E, Q, A	6.87	19.9 J E, Q, A	10.3 J E, Q, A	10.3
Copper	mg/kg	16	23.2 J E, Q	18.5 J E, Q	13	29.1 J E, Q	14.0 J E, Q	15.8
Vanadium	mg/kg	45.2 J Q, A	71.6 J E	64.5 J E	35.6 J Q, A	81.1 J E	52.9 J E	46.7 J Q, A
Zinc	mg/kg	76.4	104 J E	77.8 J E	79.3	134 J E	66.4 J E	76.7
Zirconium	mg/kg	2.83 J Z	5.03 J Z	5.67 U F	1.96 J Z	5.59 U F	5.53 U F	3.05 J Z
Calcium	mg/kg	5380 J E	7220	19300	4090 J E	6470	91200	5200 J E
Phosphorus	mg/kg	464	399	308	484	342	316	421
Selenium	mg/kg	0.193 J Z	0.174 J Z	0.454 U	0.139 J Z	0.196 J Z	0.438 U	0.188 J Z
Chromium VI	mg/kg	1.1 U	0.57 J Z	1.2 U	1.1 U	0.86 J Z	1.1 U	0.39 J Z
Perchlorate (314.0)	ug/kg	33.1 U	34.7 U	34.7 U	32.2 U	33.9 U	33.5 U	33.7 U
Perchlorate (6850)	ug/kg	--	--	--	--	5.6 U	--	3.5 J Z
Percent Moisture	%	9.5	13.6	13.6	6.7	11.4	10.4	11.1
pH	pH unit	7.33	7.64	8.03	7.62	7.37	8.02	7.45

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Sample Name Sample Date SDG Start Depth End Depth		SL-097-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-097-SA5DN-SB-8.5-9.5 06/21/2011 DE185 8.5 9.5	SL-098-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-098-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-098-SA5DN-SB-7.0-8.0 06/21/2011 DE185 7 8	SL-099-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-099-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5
Chemical Name	Unit							
Nitrate	mg/kg	1.8	1.1 J Z	15.1	2.2	1.2 J Z	2.2	1.6 J Z
Fluoride	mg/kg	3.5 J Q	5.8 J Q	2.4 J Q	4.3 J Q	5.5 J Q	2.8 J Q	3.7 J Q
Cyanide	mg/kg	0.56 U	0.56 U	0.55 U	0.57 U	0.56 U	0.53 U	0.54 U
Aluminum	mg/kg	35500	24100	23600	31900	28600	23500	28200
Iron	mg/kg	37400	26200	27700	34700	32000	27200	32700
Lead	mg/kg	13.7 J E, A	6.51 J E, A	14.5	47.6 J E, A	11.0 J E, A	12.9	13.1 J E, A
Lithium	mg/kg	29.7	27.1	21	28.8	29.7	21.6	27.2
Magnesium	mg/kg	8470	5590	5950	7380	6730	6000	6540
Manganese	mg/kg	498	404	453 J E	320	584	473 J E	475
Mercury	mg/kg	0.111 U	0.0129 J Z	0.737	0.108 J Z	0.0216 J Z	1.8	0.0398 J Z
Molybdenum	mg/kg	0.597 J E, Q	0.523 J E, Q	0.804	5.90 J E, Q	0.696 J E, Q	0.771	0.727 J E, Q
Nickel	mg/kg	36.0 J E, Q, A	17.6 J E, Q, A	23.1 J E, Q	60.0 J E, Q, A	33.9 J E, Q, A	21.2 J E, Q	32.9 J E, Q, A
Potassium	mg/kg	3540 J Q	2900 J Q	5430 J E	4020 J Q	3160 J Q	4480 J E	3430 J Q
Silver	mg/kg	0.0680 J Q, E, Z	0.0586 J Q, E, Z	0.0504 J Z	0.139 J Q, E	0.100 J Q, E, Z	0.0567 J Z	0.0887 J Q, E, Z
Sodium	mg/kg	134	130	85.6 J Z	127	124	91.1 J Z	134
Strontium	mg/kg	38.1	34.8	27.7	36.1	31.8	32.1	30.5
Thallium	mg/kg	0.481 J Q, E	0.313 J Q, E	0.291	0.469 J Q, E	0.460 J Q, E	0.269	0.431 J Q, E
Tin	mg/kg	11.6 U B	11.2 U B	11.1 U B	11.5 U B	11.6 U B	10.5 U B	10.9 U B
Titanium	mg/kg	1350	1170	1190	1290	1250	1190	1320
Antimony	mg/kg	0.213 J Q, Z	0.160 J Q, Z	0.232 J Q	1.39 J Q	0.187 J Q, Z	0.185 J Q, Z	0.173 J Q, Z
Arsenic	mg/kg	10.4 J E, A	6.54 J E, A	5.48 J Q	15.3 J E, A	11.8 J E, A	5.87 J Q	9.61 J E, A
Beryllium	mg/kg	1.20 J E, Q	0.665 J E, Q	0.678	1.16 J E, Q	1.06 J E, Q	0.625	1.17 J E, Q
Barium	mg/kg	163 J E, A	96.5 J E, A	132	143 J E, A	154 J E, A	123	160 J E, A
Boron	mg/kg	17.6	11.5	5.56 U	15.8	13.7	5.27 U	12.7
Cadmium	mg/kg	0.452 J Q, E	0.179 J Q, E	0.715	1.26 J Q, E	0.477 J Q, E	0.67	0.350 J Q, E
Chromium	mg/kg	40.2 J E	21.4 J E	29.3 J Q, A	80.0 J E	36.9 J E	26.1 J Q, A	39.0 J E
Cobalt	mg/kg	15.2 J E, Q, A	6.29 J E, Q, A	9.68	17.2 J E, Q, A	13.2 J E, Q, A	8.45	13.6 J E, Q, A
Copper	mg/kg	21.8 J E, Q	11.4 J E, Q	17.3	121 J E, Q	23.3 J E, Q	16.7	22.0 J E, Q
Vanadium	mg/kg	66.4 J E	40.9 J E	43.5 J Q, A	69.0 J E	66.0 J E	40.2 J Q, A	63.5 J E
Zinc	mg/kg	101 J E	48.2 J E	97	153 J E	87.9 J E	90.9	99.0 J E
Zirconium	mg/kg	3.61 J Z	3.17 J Z	3.40 J Z	4.16 J Z	3.87 J Z	3.56 J Z	2.98 J Z
Calcium	mg/kg	7460	35700	5540 J E	6310	7200	6740 J E	5420
Phosphorus	mg/kg	356	346	430	390	387	391	309
Selenium	mg/kg	0.110 J Z	0.436 U	0.172 J Z	0.192 J Z	0.0704 J Z	0.156 J Z	0.0993 J Z
Chromium VI	mg/kg	0.35 J Z	0.35 J Z	1.1 U	1.1 J Z	0.40 J Z	1.1	0.37 J Z
Perchlorate (314.0)	ug/kg	35.2 U	33.7 U	33.7 U	35.0 U	35.1 U	31.9 U	33.8 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	5.6 U
Percent Moisture	%	14.7	10.9	11	14.4	14.6	6	11.2
pH	pH unit	7.8	8.23	7.21	8.1	8.03	7.4	7.49

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Sample Name Sample Date SDG Start Depth End Depth		SL-100-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-100-SA5DN-SB-3.0-4.0 06/23/2011 DE187 3 4	SL-101-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-101-SA5DN-SB-2.5-3.5 06/23/2011 DE187 2.5 3.5	SL-102-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-102-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-103-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	4.6	1.1 J Z	5.4
Fluoride	mg/kg	2.1 J Q	3.8 J Q	1.1 UJ Q	1.0 UJ Q	2.1 J Q	3.6 J Q	1.5 J Q
Cyanide	mg/kg	--	--	--	--	0.53 U	0.53 U	0.54 U
Aluminum	mg/kg	21300	16300	19000	18800	21500	22500	21500
Iron	mg/kg	27200	23300	29400	23600	26600	24600	26600
Lead	mg/kg	48.4	9.82	20.1	5.92	15.5	8.64	12.2
Lithium	mg/kg	20.6	29.5	17.6	27.8	22.1	25.3	19.9
Magnesium	mg/kg	5290	5630	5500	4720	5530	5050	6180
Manganese	mg/kg	473 J E	261	370 J E	247	373 J E	264	391 J E
Mercury	mg/kg	0.120 J E, Q	0.110 U	0.0090 J Z	0.0979 U	0.695	0.104 U	8.1
Molybdenum	mg/kg	0.744 J E, Q	0.561	0.675	0.418	0.606	0.531	0.918
Nickel	mg/kg	25.4 J Q, E	25.9	19.9 J E, Q	17.1	19.2 J E, Q	25.7	21.5 J E, Q
Potassium	mg/kg	4580	2540	4840 J E	2310	4010 J E	2260	4340 J E
Silver	mg/kg	0.0597 J Q, Z	0.0955 J Z	0.0965 J Z	0.0426 J Z	0.0602 J Z	0.0333 J Z	0.0570 J Z
Sodium	mg/kg	90.6 J Z	167	96.9 J Z	96.9 J Z	94.0 J Z	148	138
Strontium	mg/kg	27	24.8	27.5	19.1	26.4	20.8	30.5
Thallium	mg/kg	0.403 J Q	0.352	0.22	0.329	0.263	0.29	0.275
Tin	mg/kg	10.5 U B	11.2 U B	10.6 U B	10.2 U B	10.7 U B	10.5 U B	10.9 U B
Titanium	mg/kg	1250	1440	1090	1310	1100	1150	1190
Antimony	mg/kg	0.138 J Q, E, Z	0.218 U B	0.440 J Q	0.205 U B	0.212 J Q	0.205 U B	0.228 J Q
Arsenic	mg/kg	7.08 J Q	9.97	5.28 J Q	7.96	7.45 J Q	8.77	6.59 J Q
Beryllium	mg/kg	0.857 J Q	1.09	0.528	0.676	0.598	0.918	0.646
Barium	mg/kg	159 J E	194	115	132	118	133	130
Boron	mg/kg	10.3	8	5.29 U	7.67	5.37 U	7.26	5.47 U
Cadmium	mg/kg	0.495 J Q, E	0.263	1.03	0.139	0.491	0.268	0.562
Chromium	mg/kg	33.4 J Q, E	35.1	23.4 J Q, A	21	25.2 J Q, A	28.1	25.0 J Q, A
Cobalt	mg/kg	10.9 J Q, E	11	9.76	8.56	8.47	13.5	9.11
Copper	mg/kg	18.9 J Q	16.7	15.1	9.9	15.2	12.6	17
Vanadium	mg/kg	56.6 J A	63.3	50.5 J Q, A	43.6	40.5 J Q, A	50.4	42.4 J Q, A
Zinc	mg/kg	88.5	80	93.3	68.8	78.7	61.6	82.8
Zirconium	mg/kg	4.40 J Z	3.88 J Z	2.03 J Z	4.48 J Z	2.63 J Z	5.04 J Z	4.15 J Z
Calcium	mg/kg	4410	5270	5420 J E	3860	5010 J E	3620	5260 J E
Phosphorus	mg/kg	347 J Q	395	635	342	361	279	426
Selenium	mg/kg	0.194 J Z	0.123 J Z	0.250 J Z	0.119 J Z	0.155 J Z	0.144 J Z	0.183 J Z
Chromium VI	mg/kg	0.47 J Z	0.65 J Z	0.98 J Z	1.0 U	0.64 J Z	1.1 U	1.1 U
Perchlorate (314.0)	ug/kg	31.9 U	34.0 U	32.1 U	31.3 U	32.9 U	32.0 U	32.8 U
Perchlorate (6850)	ug/kg	--	5.7 U	--	--	--	--	--
Percent Moisture	%	5.9	11.8	6.4	4.2	8.8	6.2	8.6
pH	pH unit	7.27	8.34	6.91	7.73	7.62	7.13	7.45

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Sample Name Sample Date SDG Start Depth End Depth		SL-103-SA5DN-SB-4.0-5.0 06/24/2011 DE188 4 5	SL-103-SA5DN-SB-7.0-8.0 06/24/2011 DE188 7 8	SL-104-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-104-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-105-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-105-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-106-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	1.3 J Z	1.5 J Z	2	1.3 J Z	2.1 J Q	1.9	1.9 J Q
Fluoride	mg/kg	4.3 J E, Q	4.3 J E, Q	1.4 J Q	2.5 J Q	2.5 J Q	4.5 J Q	1.7 J Q
Cyanide	mg/kg	0.55 U	0.59 U	0.53 U	0.56 U	0.53 U	0.55 U	0.50 U
Aluminum	mg/kg	20700	13800	19400	25000	20400	22200	20700
Iron	mg/kg	25600 J A	20000 J A	24800	28200	28900	26800	25300
Lead	mg/kg	12.8 J E, A	6.07 J E, A	11.3	10	12.5	12.2	16.2
Lithium	mg/kg	23.3	23.6	19.8	27.9	20.7	20	20.7
Magnesium	mg/kg	5130	4100	5200	5890	5280	5510	5100
Manganese	mg/kg	433	167	374 J E	288	1590 J E	412	357 J E
Mercury	mg/kg	1.68	0.0358 J Z	0.32	0.0129 J Z	0.321 J E, Q	0.228	0.621 J E, Q
Molybdenum	mg/kg	1.36 J Q	0.456 J Q	0.635	0.636	1.11 J E, Q	1.77	0.656 J E, Q
Nickel	mg/kg	23.0 J E, Q, A	14.9 J E, Q, A	18.8 J E, Q	25.5	34.6 J Q, E	25.3	23.6 J Q, E
Potassium	mg/kg	2950 J Q	2420 J Q	3650 J E	2800	3800	4410	4480
Silver	mg/kg	0.0729 J Q, Z	0.0570 J Q, Z	0.0659 J Z	0.0954 J Z	0.0903 J Q, Z	0.0519 J Z	0.0621 J Q, Z
Sodium	mg/kg	177	140	96.2 J Z	175	100 J Z	328	88.6 J Z
Strontium	mg/kg	29.2	19.6	28.5	29.8	34.7	29.4	25.1
Thallium	mg/kg	0.316 J Q	0.244 J Q	0.251	0.335	0.521 J Q	0.333	0.409 J Q
Tin	mg/kg	10.7 U B	11.4 U B	10.5 U B	10.8 U B	10.7 U B	10.9 U B	10.6 U B
Titanium	mg/kg	1210	1040	1120	1220	1270	1220	1260
Antimony	mg/kg	0.215 U J B, E	0.230 U J B, E	0.196 J Q, Z	0.220 U B	0.220 J Q, E	0.212 U B	0.208 J Q, E
Arsenic	mg/kg	9.53 J E, A	5.75 J E, A	5.62 J Q	9.76	8.88 J Q	8.31	6.65 J Q
Beryllium	mg/kg	0.905 J E, Q	0.580 J E, Q	0.591	1.04	1.04 J Q	0.817	0.824 J Q
Barium	mg/kg	142 J A	71.1 J A	120	175	125 J E	160	163 J E
Boron	mg/kg	8.92	5.95	5.23 U	9.89	10.9	9.36	10.2
Cadmium	mg/kg	0.423 J Q	0.169 J Q	0.351	0.245	0.684 J Q, E	0.418	0.471 J Q, E
Chromium	mg/kg	35.5 J E, Q	19.0 J E, Q	22.7 J Q, A	35.7	44.0 J Q, E	32.4	31.8 J Q, E
Cobalt	mg/kg	9.23 J E, Q, A	7.94 J E, Q, A	7.98	10.9	15.0 J Q, E	10.7	10.4 J Q, E
Copper	mg/kg	20.7 J E, Q, A	9.90 J E, Q, A	14.5	17.2	26.5 J Q	20.9	18.0 J Q
Vanadium	mg/kg	54.7 J E	35.5 J E	39.7 J Q, A	62.1	73.9 J A	54	56.6 J A
Zinc	mg/kg	76.6 J E, A	49.0 J E, A	74.6	78.3	139	84.7	90.4
Zirconium	mg/kg	6.34	5.70 U B	2.35 J Z	5.65	3.93 J Z	4.51 J Z	3.55 J Z
Calcium	mg/kg	10200	13400	4790 J E	4760	8750	5750	4550
Phosphorus	mg/kg	321	313	405	316	402 J Q	368	339 J Q
Selenium	mg/kg	0.115 J Q, Z	0.461 U	0.165 J Z	0.0805 J Z	0.216 J Z	0.146 J Z	0.172 J Z
Chromium VI	mg/kg	0.56 J Z	1.2 U	0.99 J Z	1.1 U	0.73 J Z	0.77 J Z	0.62 J Z
Perchlorate (314.0)	ug/kg	32.9 U	35.3 U	32.0 U	33.7 U	32.0 U	33.1 U	32.0 U
Perchlorate (6850)	ug/kg	--	--	--	--	5.3 U	--	--
Percent Moisture	%	8.8	14.9	6.3	10.9	6.3	9.3	6.3
pH	pH unit	8.22	8.21	7.23	7.57	7.71	8.28	7.74

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-106-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-106-SA5DN-SB-9.0-10.0 06/23/2011 DE187 9 10	SL-107-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-107-SA5DN-SB-3.5-4.5 06/23/2011 DE187 3.5 4.5	SL-108-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-109-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-109-SA5DN-SB-3.5-4.5 06/23/2011 DE187 3.5 4.5
Chemical Name	Unit							
Nitrate	mg/kg	2.1	1.2 J Z	2.3 J Q	1.4 J Z	--	3.8 J Q	1.1 J Z
Fluoride	mg/kg	4.0 J Q	3.4 J Q	2.1 J Q	4.2 J Q	2.4 J Q	3.1 J Q	2.4 J Q
Cyanide	mg/kg	0.55 U	0.56 U	0.52 U	0.53 U	--	0.52 U	0.51 U
Aluminum	mg/kg	23900	15500	18600	25100	20500	20200	25600
Iron	mg/kg	26700	20600	22500	28300	25600	24500	27200
Lead	mg/kg	8.91	5.7	18.3	6.54	18.6	14	5.79
Lithium	mg/kg	22.2	23.1	20.2	27.4	21.2	19.5	29.1
Magnesium	mg/kg	5260	4400	4760	5520	5240	6240	5360
Manganese	mg/kg	572	210	409 J E	410	387 J E	393 J E	209
Mercury	mg/kg	0.105 U	0.0121 J Z	0.896 J E, Q	0.0189 J Z	0.653 J E, Q	0.378 J E, Q	0.100 U
Molybdenum	mg/kg	0.532	0.272	0.591 J E, Q	0.595	0.809 J E, Q	0.803 J E, Q	0.75
Nickel	mg/kg	22	13.4	18.7 J Q, E	18.2	25.1 J Q, E	30.0 J Q, E	13.1
Potassium	mg/kg	3800	2250	3970	2300	4200	4080	2100
Silver	mg/kg	0.0608 J Z	0.0918 J Z	0.0538 J Q, Z	0.155	0.151 J FD, Q	0.0663 J Q, Z	0.0703 J Z
Sodium	mg/kg	218	129	83.9 J Z	169	103 J Z	112	140
Strontium	mg/kg	29.3	20.7	23.5	28.6	28.6	29	25.1
Thallium	mg/kg	0.337	0.257	0.361 J Q	0.259	0.356 J Q	0.427 J Q	0.234
Tin	mg/kg	10.8 U B	10.9 U B	10.2 U B	10.7 U B	10.3 U B	10.7 U B	10.2 U B
Titanium	mg/kg	1320	1150	1210	1270	1150	1110	1120
Antimony	mg/kg	0.218 U B	0.219 U B	0.146 J Q, E, Z	0.215 U B	0.157 J Q, E, Z	0.221 J Q, E	0.204 U B
Arsenic	mg/kg	7.4	5.52	5.54 J Q	7.41	6.41 J Q	7.67 J Q	5.71
Beryllium	mg/kg	0.847	0.562	0.741 J Q	0.793	0.796 J Q	0.951 J Q	0.574
Barium	mg/kg	143	86.8	141 J E	138	151 J E	189 J E	89.6
Boron	mg/kg	10	6.93	8.84	8.65	5.28 UJ FD	10.2	7.68
Cadmium	mg/kg	0.288	0.112	0.388 J Q, E	0.126	0.435 J Q, E	0.604 J Q, E	0.0715 J Z
Chromium	mg/kg	27.7	21.9	26.0 J Q, E	27.4	33.6 J Q, E	37.1 J Q, E	20.3
Cobalt	mg/kg	10.3	5.45	9.10 J Q, E	6.64	9.66 J Q, E	13.1 J Q, E	6.97
Copper	mg/kg	15.1	10.8	14.3 J Q	11.8	17.9 J Q	23.4 J Q	8.31
Vanadium	mg/kg	50.3	35.3	48.0 J A	52	50.3 J A	64.0 J A	34.6
Zinc	mg/kg	64.2	53.2	76.7	62	88.4	103	49.9
Zirconium	mg/kg	5.7	3.78 J Z	1.37 J Z	5.75	3.89 J Z	4.85 J Z	4.52 J Z
Calcium	mg/kg	4140	7110	3860	4000	5100	6680	3920
Phosphorus	mg/kg	271	322	388 J Q	267	408 J Q	407 J Q	222
Selenium	mg/kg	0.0789 J Z	0.439 U	0.130 J Z	0.430 U	0.164 J Z	0.201 J Z	0.114 J Z
Chromium VI	mg/kg	0.73 J Z	1.1 U	0.41 J Z	0.67 J Z	0.64 J Z	1.1 U	1.1 U
Perchlorate (314.0)	ug/kg	33.7 U	33.6 U	31.3 U	32.9 U	31.7 U	32.6 U	31.5 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	10.9	10.6	4.2	8.8	5.3	8.1	4.8
pH	pH unit	8.26	8.43	6.85	7.22	7.16	7.13	7

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-110-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-110-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-111-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-111-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-112-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-112-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-113-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	4.6	1.4 J Z	4.5	2	3.4	2.1	2
Fluoride	mg/kg	2.9 J Q	3.9 J Q	3.1 J Q	4.7 J Q	2.6 J Q	3.0 J Q	2.0 J Q
Cyanide	mg/kg	0.54 U	0.55 U	0.55 U	0.57 U	0.55 U	0.58 U	0.52 U
Aluminum	mg/kg	24800	26400	21700	33600	21000	36500	23600
Iron	mg/kg	28300	30900	25700	34900	41100	38400	28200
Lead	mg/kg	12.1	8.98	11.5	11.7 J E, A	12	15.9 J E, A	16.5
Lithium	mg/kg	21.8	28.6	20.6	30.2	20.1	31.3	21.2
Magnesium	mg/kg	6130	5610	5430	7100	5550	8050	6050
Manganese	mg/kg	433 J E	403	409 J E	584	401 J E	443	450 J E
Mercury	mg/kg	0.233	0.0814 J Z	0.46	0.108 U B	0.325	0.112 U B	53.8
Molybdenum	mg/kg	0.624	0.676	0.641	0.582 J E, Q	0.653	0.831 J E, Q	0.831
Nickel	mg/kg	20.7 J E, Q	22	18.8 J E, Q	27.3 J E, Q, A	18.7 J E, Q	42.5 J E, Q, A	22.0 J E, Q
Potassium	mg/kg	5270 J E	2470	4660 J E	3530 J Q	4430 J E	3900 J Q	4820 J E
Silver	mg/kg	0.0487 J Z	0.0851 J Z	0.0509 J Z	0.0763 J Q, E, Z	0.0409 J Z	0.0865 J Q, E, Z	0.0625 J Z
Sodium	mg/kg	95.8 J Z	521	77.8 J Z	161	81.1 J Z	186	80.5 J Z
Strontium	mg/kg	28.5	25.6	26.1	33.2	27	36.3	29.3
Thallium	mg/kg	0.303	0.306	0.285	0.394 J Q, E	0.263	0.549 J Q, E	0.307
Tin	mg/kg	11.0 U B	10.5 U B	11.1 U B	11.1 U B	10.7 U B	11.5 U B	10.9 U B
Titanium	mg/kg	1170	1180	1170	1200	1010	1270	1160
Antimony	mg/kg	0.193 J Q, Z	0.212 U B	0.185 J Q, Z	0.159 J Q, Z	0.150 J Q, Z	0.229 J Q	0.413 J Q
Arsenic	mg/kg	6.21 J Q	8.08	9.15 J Q	9.67 J E, A	5.59 J Q	12.3 J E, A	6.73 J Q
Beryllium	mg/kg	0.663	0.993	0.641	1.05 J E, Q	0.606	1.28 J E, Q	0.685
Barium	mg/kg	134	154	125	181 J E, A	122	229 J E, A	135
Boron	mg/kg	5.48 U	10.6	5.56 U	13.8	5.35 U	17.8	5.43 U
Cadmium	mg/kg	0.429	0.18	0.406	0.270 J Q, E	0.418	0.506 J Q, E	0.649
Chromium	mg/kg	25.2 J Q, A	30.5	24.4 J Q, A	36.2 J E	24.1 J Q, A	47.0 J E	25.8 J Q, A
Cobalt	mg/kg	9.79	8.04	9.12	12.3 J E, Q, A	8.71	18.5 J E, Q, A	10.1
Copper	mg/kg	16.1	15.2	14.6	18.1 J E, Q	15	23.2 J E, Q	17.9
Vanadium	mg/kg	44.0 J Q, A	52.2	42.5 J Q, A	62.6 J E	41.1 J Q, A	80.6 J E	45.2 J Q, A
Zinc	mg/kg	77.6	67	74.4	77.9 J E	71.7	109 J E	93.2
Zirconium	mg/kg	3.42 J Z	4.45 J Z	2.95 J Z	4.28 J Z	1.96 J Z	4.33 J Z	3.29 J Z
Calcium	mg/kg	5180 J E	4170	4480 J E	5630	4590 J E	6820	5180 J E
Phosphorus	mg/kg	405	244	389	289	424	325	396
Selenium	mg/kg	0.184 J Z	0.0846 J Z	0.166 J Z	0.0749 J Z	0.167 J Z	0.144 J Z	0.186 J Z
Chromium VI	mg/kg	0.64 J Z	0.42 J Z	0.81 J Z	0.49 J Z	0.53 J Z	0.74 J Z	0.82 J Z
Perchlorate (314.0)	ug/kg	32.9 U	32.8 U	33.4 U	34.2 U	32.7 U	35.1 U	32.9 U
Perchlorate (6850)	ug/kg	--	--	3.7 J Z	--	--	--	--
Percent Moisture	%	8.7	8.5	10.1	12.2	8.3	14.5	8.8
pH	pH unit	7.1	7.44	7.44	7.3	7.4	7.38	7.52

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Sample Name Sample Date SDG Start Depth End Depth		SL-113-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-114-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-114-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-115-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-116-SA5DN-SB-2.0-3.0 06/28/2011 DE190 2 3	SL-117-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-117-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5
Chemical Name	Unit							
Nitrate	mg/kg	2.4	--	--	--	--	2.4	1.5 J Z
Fluoride	mg/kg	4.8 J Q	1.7 J Q	2.0 J Q	2.7 J Q	5.9 J FD, Q	1.6	4.5 J Q
Cyanide	mg/kg	0.59 U	--	--	--	--	0.54 U	0.56 U
Aluminum	mg/kg	35200	18500	36800	33400	16700	30100	33700
Iron	mg/kg	36100	24400	37200	35500	22200	31800	37100
Lead	mg/kg	14.5 J E, A	10.6	13.3 J E, A	12.7 J E, A	8.01 J E, Q, A	12.6 J Q	11.3 J E, Q
Lithium	mg/kg	30.4	19.6	30.3	32.1	26.1	24.1	29.4
Magnesium	mg/kg	8060	4840	8080	8120	5180	6580	7590
Manganese	mg/kg	292	421 J E	456	307	256	464 J *#	529
Mercury	mg/kg	0.0146 J Z	0.149	0.110 U	0.0102 J Z	0.106 UJ FD	0.0644 J E, Z	0.112 U
Molybdenum	mg/kg	0.555 J E, Q	0.666	0.816 J E, Q	0.406 J E, Q	0.329	0.536	0.498
Nickel	mg/kg	38.9 J E, Q, A	16.2 J E, Q	33.0 J E, Q, A	33.6 J E, Q, A	20.7 J Q, A	21.1	27.3
Potassium	mg/kg	3280 J Q	4610 J E	3870 J Q	3300 J Q	2320 J Q	5780	3690 J Q
Silver	mg/kg	0.0989 J Q, E, Z	0.0636 J Z	0.0681 J Q, E, Z	0.0682 J Q, E, Z	0.0883 J FD, Z	0.0643 J Z	0.0647 J Z
Sodium	mg/kg	205	71.8 J Z	135	171	150	101 J Z	163
Strontium	mg/kg	37.8	25	37.2	43.4	22.8	31.7	36.5
Thallium	mg/kg	0.486 J Q, E	0.267	0.479 J Q, E	0.404 J Q, E	0.295	0.362	0.341
Tin	mg/kg	11.6 U B	10.4 U B	11.1 U B	11.0 U B	10.7 U B	10.8 U B	10.9 U B
Titanium	mg/kg	1350	1090	1150	1100	1210	1420	1240 J L
Antimony	mg/kg	0.218 J Q, Z	0.156 J Q, Z	0.169 J Q, Z	0.156 J Q, Z	0.215 UJ B, Q	0.135 J Q, Z	0.217 UJ B, Q
Arsenic	mg/kg	12.3 J E, A	6.17 J Q	9.87 J E, A	9.56 J E, A	8.46	5.24	8.05
Beryllium	mg/kg	1.31 J E, Q	0.539	1.17 J E, Q	1.04 J E, Q	0.675	0.889 J Q	1.12
Barium	mg/kg	175 J E, A	117	142 J E, A	165 J E, A	95.9 J A	138	184
Boron	mg/kg	15.8	5.19 U	16.9	16.6	4.30 J Z	5.42 U	2.99 J Z
Cadmium	mg/kg	0.468 J Q, E	0.454	0.418 J Q, E	0.343 J Q, E	0.117	0.5	0.332
Chromium	mg/kg	46.8 J E	20.2 J Q, A	38.9 J E	37.3 J E	26.1 J Q, A	31	45.4
Cobalt	mg/kg	18.9 J E, Q, A	7.58	15.0 J E, Q, A	14.8 J E, Q, A	7.09 J A	9.33	12.8
Copper	mg/kg	23.9 J E, Q	14.5	21.9 J E, Q	18.0 J E, Q	12.2 J A	16.4	19.5 J E
Vanadium	mg/kg	81.2 J E	37.3 J Q, A	62.5 J E	60.5 J E	51.9 J A	56.6	80.7
Zinc	mg/kg	105 J E	65.9	97.5 J E	83.1 J E	58.4	80.2	79.5
Zirconium	mg/kg	3.50 J Z	2.34 J Z	4.86 J Z	4.81 J Z	3.95 J Z	4.09 J Z	5.02 J Z
Calcium	mg/kg	7320	5180 J E	6810	6830	3530	5500	6460 J E
Phosphorus	mg/kg	321	439	308	278	363 J Q, E	387	360 J Q
Selenium	mg/kg	0.115 J Z	0.138 J Z	0.122 J Z	0.0811 J Z	0.103 J Z	0.195 J Z	0.0650 J Z
Chromium VI	mg/kg	0.43 J Z	0.83 J Z	0.70 J Z	1.1 U	0.46 J Z	1.5 J FD	0.54 J Z
Perchlorate (314.0)	ug/kg	35.8 U	32.1 U	33.8 U	34.4 U	32.3 U	33.1 U	33.8 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	16.1	6.5	11.2	12.7	7.1	9.5	11.2
pH	pH unit	8	7.21	6.94	7.81	7.87	6.85	7.84

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Sample Name Sample Date SDG Start Depth End Depth		SL-118-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-118-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5	SL-119-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-119-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5	SL-120-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-120-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-121-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	2.1	1.3 J Z	4.1	2.5	2.5	1.7	1.7
Fluoride	mg/kg	2	3.6 J Q	1.5	3.3 J Q	1.2	3.4 J Q	1.8 J Q
Cyanide	mg/kg	0.54 U	0.55 U	0.54 U	0.57 U	0.53 U	0.56 U	0.51 U
Aluminum	mg/kg	27300	33400	27000	37000	28300	31500	20000
Iron	mg/kg	27300	33200	26300	37500	31600	34400	26300
Lead	mg/kg	9.91 J Q	13.5 J E, Q	12.5 J Q	14.8 J E, Q	16.4 J Q	11.4 J E, A	27.3
Lithium	mg/kg	21.3	29.1	22.1	31.7	23.3	29.5	20.6
Magnesium	mg/kg	6020	6690	6030	7140	6350	6990	5370
Manganese	mg/kg	484 J *#	382	463 J *#	357	488 J *#	434	393 J E
Mercury	mg/kg	0.0247 J E, Z	0.109 U	0.0644 J E, Z	0.107 U	0.461 J E	0.0096 J Z	0.351
Molybdenum	mg/kg	0.548	0.652	0.524	0.665	0.622	0.569 J E, Q	1.36
Nickel	mg/kg	19.8	33.4	21.5	37.1	21.8	28.2 J E, Q, A	46.7 J E, Q
Potassium	mg/kg	5750	3230 J Q	5710	3340 J Q	5560	3730 J Q	4260 J E
Silver	mg/kg	0.0376 J Z	0.0859 J Z	0.0569 J Z	0.0699 J Z	0.268	0.0798 J Q, E, Z	0.0813 J Z
Sodium	mg/kg	95.6 J Z	168	87.5 J Z	179	92.5 J Z	137	75.1 J Z
Strontium	mg/kg	29.6	33.2	28.6	33.6	29.9	33.6	24.8
Thallium	mg/kg	0.354	0.413	0.341	0.455	0.326	0.368 J Q, E	0.298
Tin	mg/kg	10.9 U B	11.0 U B	10.7 U B	11.2 U B	10.6 U B	11.2 U B	10.5 U B
Titanium	mg/kg	1390	1510 J L	1350	1480 J L	1220	1170	1100
Antimony	mg/kg	0.112 J Q, Z	0.213 UJ B, Q	0.123 J Q, Z	0.221 UJ B, Q	0.136 J Q, Z	0.202 J Q, Z	0.252 J Q
Arsenic	mg/kg	5.16	10	5.75	10.1	5.48	9.28 J E, A	6.03 J Q
Beryllium	mg/kg	0.808 J Q	1.31	0.886 J Q	1.36	0.803 J Q	1.22 J E, Q	0.612
Barium	mg/kg	127	146	141	181	134	198 J E, A	121
Boron	mg/kg	5.45 U	3.49 J Z	5.33 U	2.32 J Z	5.28 U	13.7	5.26 U
Cadmium	mg/kg	0.465	0.218	0.901	0.51	2.02	0.251 J Q, E	1.76
Chromium	mg/kg	26.6	53.2	29.1	56.6	29.4	37.0 J E	70.8 J Q, A
Cobalt	mg/kg	9.87	14.5	9.51	14.4	9.84	11.1 J E, Q, A	8.93
Copper	mg/kg	15.5	23.0 J E	17.9	24.9 J E	18.1	19.6 J E, Q	17.8
Vanadium	mg/kg	50.3	91.1	53.5	101	50.8	65.0 J E	39.9 J Q, A
Zinc	mg/kg	68.9	92.3	106	95.9	186	84.2 J E	167
Zirconium	mg/kg	3.47 J Z	5.81	2.94 J Z	5.94	3.04 J Z	2.16 J Z	2.43 J Z
Calcium	mg/kg	4920	5750 J E	5150	5670 J E	5330	5630	4600 J E
Phosphorus	mg/kg	392	337 J Q	404	309 J Q	375	333	391
Selenium	mg/kg	0.185 J Z	0.0846 J Z	0.184 J Z	0.0832 J Z	0.156 J Z	0.0901 J Z	0.159 J Z
Chromium VI	mg/kg	1.0 J Z	0.38 J Z	1.0 J Z	0.53 J Z	1.2	0.60 J Z	1.1
Perchlorate (314.0)	ug/kg	33.0 U	33.3 U	33.3 U	34.4 U	33.0 U	33.8 U	32.2 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	9.1	9.8	9.8	12.8	9	11.3	6.8
pH	pH unit	6.86	7.76	6.77	7.22	6.82	7.43	7.47

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-121-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-121-SA5DN-SB-8.0-9.0 06/21/2011 DE185 8 9	SL-122-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-122-SA5DN-SB-4.0-5.0 06/24/2011 DE188 4 5	SL-123-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-123-SA5DN-SB-2.5-3.5 06/27/2011 DE189 2.5 3.5	SL-124-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	2	2.7	--	--	--	--	--
Fluoride	mg/kg	3.4 J Q	2.4 J Q	1.1 J Z	5.3 J E, Q	1.7 J Q	3.1 J E	2.3 J Q
Cyanide	mg/kg	0.55 U	0.52 U	--	--	--	--	--
Aluminum	mg/kg	32600	17300	34000	30000	18500	17100	18300
Iron	mg/kg	35500	28900	35300	36700 J A	21500	22800	21700
Lead	mg/kg	15.9 J E, A	7.09 J E, A	14.4 J Q	14.6 J E, A	17.8	6.80 J Q, E	28.7
Lithium	mg/kg	30.8	30.5	25.4	28.3	18.6	25.5	19.1
Magnesium	mg/kg	7200	6890	7140	8090	4540	5750	4560
Manganese	mg/kg	629	319	473 J *#	478	368 J E	270 J E, Q	263 J E
Mercury	mg/kg	0.0190 J Z	0.0211 J Z	0.115 U	0.105 U	0.0440 J E, Q, Z	0.0996 U	0.317 J E, Q
Molybdenum	mg/kg	0.740 J E, Q	0.672 J E, Q	0.5	0.447 J Q	0.774 J E, Q	0.439 J Q	1.17 J E, Q
Nickel	mg/kg	43.5 J E, Q, A	24.2 J E, Q, A	22.9	31.6 J E, Q, A	25.1 J Q, E	21.6 J Q	24.5 J Q, E
Potassium	mg/kg	3380 J Q	2490 J Q	5770	3520 J Q	4020	1970 J Q	4510
Silver	mg/kg	0.101 J Q, E, Z	0.0249 J Q, E, Z	0.0558 J Z	0.0615 J Q, Z	0.0660 J Q, Z	0.0183 J Q, Z	0.148 J Q
Sodium	mg/kg	177	155	96.5 J Z	187	86.2 J Z	473	86.0 J Z
Strontium	mg/kg	34.6	22.7	36	40.7	24.6	20.2	31.8
Thallium	mg/kg	0.518 J Q, E	0.334 J Q, E	0.376	0.373 J Q	0.426 J Q	0.387 J Q, E	0.433 J Q
Tin	mg/kg	10.9 U B	10.4 U B	11.8 U B	11.3 U B	10.7 U B	10.3 U B	10.8 U B
Titanium	mg/kg	1060	1200	1620	1210	1160	1270	1220
Antimony	mg/kg	0.302 J Q	0.175 J Q, Z	0.130 J Q, Z	0.217 UJ B, E	0.167 J Q, E, Z	0.199 J Q, E, Z	0.172 J Q, E, Z
Arsenic	mg/kg	11.4 J E, A	10.2 J E, A	6.31	8.54 J E, A	7.17 J Q	9.10 J Q	6.45 J Q
Beryllium	mg/kg	1.44 J E, Q	0.664 J E, Q	1.07 J Q	1.13 J E, Q	0.896 J Q	0.736 J Q	0.787 J Q
Barium	mg/kg	248 J E, A	89.5 J E, A	148	179 J A	169 J E	112	153 J E
Boron	mg/kg	14.1	9.91	5.91 U	14.7	8.91	5.11 J Z	9.69
Cadmium	mg/kg	0.390 J Q, E	0.227 J Q, E	0.486	0.367 J Q	0.553 J Q, E	0.143 J Q	1.32 J Q, E
Chromium	mg/kg	51.9 J E	26.3 J E	32.6	35.7 J E, Q	34.7 J Q, E	29.4 J Q	30.7 J Q, E
Cobalt	mg/kg	15.6 J E, Q, A	9.75 J E, Q, A	10.4	18.6 J E, Q, A	11.5 J Q, E	9.01 J Q	9.68 J Q, E
Copper	mg/kg	24.9 J E, Q	15.4 J E, Q	19.3	21.4 J E, Q, A	20.9 J Q	13.9 J Q	27.7 J Q
Vanadium	mg/kg	86.4 J E	41.2 J E	61.9	62.3 J E	60.3 J A	44.2	52.4 J A
Zinc	mg/kg	116 J E	74.0 J E	84.4	86.8 J E, A	99.9	74.6	144
Zirconium	mg/kg	4.08 J Z	2.63 J Z	4.09 J Z	7.3	3.19 J Z	3.28 J Z	3.57 J Z
Calcium	mg/kg	5860	5250	5780	7070	3630	3670	3750
Phosphorus	mg/kg	406	612	402	375	310 J Q	437 J Q	367 J Q
Selenium	mg/kg	0.119 J Z	0.0822 J Z	0.213 J Z	0.0840 J Q, Z	0.220 J Z	0.0646 J Q, L, Z	0.379 J Z
Chromium VI	mg/kg	0.45 J Z	0.31 J Z	0.72 J Z	0.49 J Z	1.1 U	1.1 U	0.93 J Z
Perchlorate (314.0)	ug/kg	33.3 U	31.9 U	35.5 U	33.8 U	32.3 U	32.1 U	32.6 U
Perchlorate (6850)	ug/kg	--	--	--	5.6 U	--	--	--
Percent Moisture	%	10	5.9	15.4	11.3	7.2	6.5	7.9
pH	pH unit	7.52	7.97	6.76	7.86	6.53	7.68	6.54

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-125-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-125-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-125-SA5DN-SB-9.0-10.0 06/21/2011 DE185 9 10	SL-126-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-127-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-128-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-128-SA5DN-SB-4.0-5.0 06/29/2011 DE191 4 5
Chemical Name	Unit							
Nitrate	mg/kg	2.9	1.9	1.1 J Z	--	--	--	--
Fluoride	mg/kg	2.2 J Q	6.1 J Q	3.8 J Q	1.4 J Q	1.0 UJ Q	1.3 J Q	2.6 J Q
Cyanide	mg/kg	0.55 U	0.56 U	0.53 U	--	--	--	--
Aluminum	mg/kg	25200	29000	19600	15300	10300	15200	26100
Iron	mg/kg	30200	32500	23500	19200	12800	19300	26000
Lead	mg/kg	13	10.9 J E, A	8.40 J E, A	23.5	20.7	13.6	7.59
Lithium	mg/kg	21.5	25.7	23.3	18.8	8.3	15.2	40.3
Magnesium	mg/kg	6330	6870	4310	4020	2200	4140	5190
Manganese	mg/kg	499 J E	341	423	247 J E	223 J E	273 J E	198
Mercury	mg/kg	0.163	0.0142 J Z	0.0082 J Z	0.134 J E, Q	0.0287 J E, Q, Z	0.0907 J E, Q, Z	0.112 U
Molybdenum	mg/kg	0.633	0.417 J E, Q	0.550 J E, Q	0.872 J E, Q	0.618 J E, Q	0.544 J E, Q	0.412
Nickel	mg/kg	20.1 J E, Q	31.2 J E, Q, A	17.4 J E, Q, A	20.1 J Q, E	15.6 J Q, E	15.8 J Q, E	19.5
Potassium	mg/kg	5400 J E	3060 J Q	2450 J Q	3950	1760	3190	2030
Silver	mg/kg	0.0469 J Z	0.0658 J Q, E, Z	0.0554 J Q, E, Z	0.0751 J Q, Z	0.0481 J Q, Z	0.0611 J Q, Z	0.0548 J Z
Sodium	mg/kg	82.0 J Z	174	122	82.5 J Z	168	115	95.8 J Z
Strontium	mg/kg	30.6	33.4	17.8	26.9	33.8	19.8	26.3
Thallium	mg/kg	0.312	0.418 J Q, E	0.335 J Q, E	0.357 J Q	0.238 J Q	0.351 J Q	0.291
Tin	mg/kg	11.0 U B	11.3 U B	10.4 U B	10.5 U B	9.88 U B	11.0 U B	11.0 U B
Titanium	mg/kg	1170	1020	988	1130	554	1230	1250
Antimony	mg/kg	0.269 J Q	0.160 J Q, Z	0.146 J Q, Z	0.161 J Q, E, Z	0.148 J Q, E, Z	0.0989 J Q, E, Z	0.223 U
Arsenic	mg/kg	5.18 J Q	8.82 J E, A	7.98 J E, A	6.21 J Q	8.81 J Q	4.97 J Q	15.1
Beryllium	mg/kg	0.693	0.997 J E, Q	0.851 J E, Q	0.733 J Q	0.526 J Q	0.712 J Q	0.903
Barium	mg/kg	133	177 J E, A	100 J E, A	143 J E	118 J E	193 J E	121
Boron	mg/kg	5.51 U	12.9	9.44	5.36 U	4.89 U	6.77	4.36 J Z
Cadmium	mg/kg	0.542	0.444 J Q, E	0.195 J Q, E	0.880 J Q, E	0.359 J Q, E	0.153 J Q, E	0.0588 J Z
Chromium	mg/kg	26.2 J Q, A	33.7 J E	23.2 J E	27.0 J Q, E	23.2 J Q, E	22.7 J Q, E	29.2
Cobalt	mg/kg	9.98	12.7 J E, Q, A	8.89 J E, Q, A	8.27 J Q, E	7.81 J Q, E	9.27 J Q, E	12.4
Copper	mg/kg	17.2	19.4 J E, Q	13.2 J E, Q	36.5 J Q	14.9 J Q	14.7 J Q	14
Vanadium	mg/kg	45.8 J Q, A	60.6 J E	45.2 J E	47.9 J A	46.5 J A	49.7 J A	64.5
Zinc	mg/kg	82.7	86.5 J E	63.5 J E	141	96.6	68.1	58.9
Zirconium	mg/kg	3.41 J Z	2.03 J Z	3.00 J Z	2.73 J Z	0.949 J Z	1.72 J Z	3.74 J Z
Calcium	mg/kg	5500 J E	6230	3670	3310	3900	2740	3370
Phosphorus	mg/kg	397	342	374	422 J Q	266 J Q	361 J Q	233
Selenium	mg/kg	0.159 J Z	0.0733 J Z	0.422 U	0.399 J Z	0.186 J Z	0.167 J Z	0.446 U
Chromium VI	mg/kg	0.42 J Z	0.46 J Z	0.31 J Z	0.34 J Z	1.0 U	0.54 J Z	0.45 J Z
Perchlorate (314.0)	ug/kg	33.1 U	34.4 U	32.0 U	32.2 U	30.5 U	33.5 U	34.8 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	9.3	12.7	6.2	6.8	1.7	10.5	13.7
pH	pH unit	7.08	7.96	8.1	6.68	7.09	6.81	7.25

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Sample Name Sample Date SDG Start Depth End Depth		SL-129-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-129-SA5DN-SB-2.5-3.5 06/29/2011 DE191 2.5 3.5	SL-130-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-130-SA5DN-SB-4.0-5.0 05/25/2011 DE162 4 5	SL-131-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-131-SA5DN-SB-3.5-4.5 06/28/2011 DE190 3.5 4.5	SL-132-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	2.8
Fluoride	mg/kg	1.3 J Q	1.8 J Q	1.6 J Q	3.5	1.0 UJ Q	3.0 J Q	1.5 J Q
Cyanide	mg/kg	--	--	--	--	--	--	0.49 U
Aluminum	mg/kg	16500	20100	15500	20300 J A	16200	24300	13900
Iron	mg/kg	22300	23100	20100	24600	20500	24200	16900
Lead	mg/kg	18	8.2	18	9.39 J Q, E, A	17.0 J E, Q, A	5.85 J E, Q, A	13.5 J E, Q, A
Lithium	mg/kg	24.7	26.4	21.6	25.5	22.2	31.1	20
Magnesium	mg/kg	4800	5410	4230	5640 J A	4420	4810	3610
Manganese	mg/kg	292 J E	361	273 J E	369 J A	301	186	254
Mercury	mg/kg	0.0788 J E, Q, Z	0.102 U	1.18 J E, Q	0.0140 J Z	0.102 U	0.112 U	0.0999 U F
Molybdenum	mg/kg	0.757 J E, Q	0.402	0.849 J E, Q	0.425	0.851 J E, Q	0.289	0.913 J E, Q
Nickel	mg/kg	22.7 J Q, E	27.1	20.6 J Q, E	22.6 J Q, E, A	19.4 J E, Q, A	15.2 J Q, A	23.2 J E, Q, A
Potassium	mg/kg	3720	2090	3340	1950 J Q	3770	1750 J Q	3000
Silver	mg/kg	0.851 J Q	0.0387 J Z	0.0898 J Q, Z	0.0609 J Z	0.294 J Q	0.0602 J Z	0.237 J Q
Sodium	mg/kg	81.9 J Z	110	86.1 J Z	213	96.6 J Z	153	84.8 J Z
Strontium	mg/kg	23.7	19.4	23.1	23.9 J A	23.3	24.3	19.3
Thallium	mg/kg	0.361 J Q	0.25	0.350 J Q	0.244	0.285 J Q, E	0.228	0.361 J Q, E
Tin	mg/kg	10.5 U B	10.4 U B	10.1 U B	10.9 U B	10.3 U B	11.1 U B	10.2 U B
Titanium	mg/kg	1120	1140	1140	1250	1350	1160	1250
Antimony	mg/kg	0.128 J Q, E, Z	0.206 U B	0.114 J Q, E, Z	0.139 J Q, Z	0.288 J Q	0.215 UJ Q	0.211 J Q
Arsenic	mg/kg	9.27 J Q	63	12.5 J Q	20.1 J E, A	11.2 J E, A	10.7	11.0 J E, A
Beryllium	mg/kg	0.779 J Q	0.71	0.718 J Q	0.863 J Q, E	0.670 J E	0.694	0.731 J E
Barium	mg/kg	135 J E	110	130 J E	101 J E, A	124 J E, A	89.1 J A	149 J E, A
Boron	mg/kg	27.5	3.57 J Z	7.34	5.46 U	5.15 U	4.95 J Z	7.53
Cadmium	mg/kg	2.89 J Q, E	0.154	0.763 J Q, E	0.0612 J Z	0.608 J Q	0.0645 J Z	0.557 J Q
Chromium	mg/kg	29.5 J Q, E	25.8	30.5 J Q, E	35.9 J Q, E, A	25.1 J E, Q	26.2 J Q, A	29.1 J E, Q
Cobalt	mg/kg	8.26 J Q, E	8.4	8.32 J Q, E	11.1 J E, A	7.84 J E, Q, A	6.73 J A	8.09 J E, Q, A
Copper	mg/kg	21.7 J Q	10.7	17.1 J Q	11.0 J Q, E, A	18.0 J E, Q, A	8.07 J A	18.5 J E, Q, A
Vanadium	mg/kg	48.1 J A	53.1	46.8 J A	54.4 J E, A	42.5 J E	49.4 J A	50.0 J E
Zinc	mg/kg	99.9	63.3	133	55.9 J A	156 J E, A	45.6	101 J E, A
Zirconium	mg/kg	2.60 J Z	2.93 J Z	2.99 J Z	4.74 J Z	4.57 J Z	3.49 J Z	3.64 J Z
Calcium	mg/kg	3340	3150	3060	3390 J A	3650	2820	3090
Phosphorus	mg/kg	433 J Q	350	476 J Q	245	482	215 J Q, E	390
Selenium	mg/kg	0.198 J Z	0.119 J Z	0.184 J Z	0.256 J Z	0.106 J Q, Z	0.0962 J Z	0.157 J Q, Z
Chromium VI	mg/kg	1.4	0.38 J Z	0.55 J Z	1.7	0.71 J Z	0.66 J Z	1.6
Perchlorate (314.0)	ug/kg	32.1 U	31.8 U	31.3 U	34.1 U	31.2 U	33.8 U	30.6 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	5.1 U
Percent Moisture	%	6.5	5.6	4.2	11.9	3.8	11.3	2.1
pH	pH unit	6.83	6.46	6.16	6.59	7.28	6.75	6.57

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Sample Name Sample Date SDG Start Depth End Depth		SL-132-SA5DN-SB-4.0-5.0 06/28/2011 DE190 4 5	SL-133-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-133-SA5DN-SB-4.0-5.0 05/25/2011 DE162 4 5	SL-134-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-135-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-136-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-137-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	2.2	0.95 J Z	1.8	1.9	3.5	1.5	1.6
Fluoride	mg/kg	3.7 J Q	1.2 J Q	2.3	2.7 J Q	1.5 J Q	2.5 J Q	1.8 J Q
Cyanide	mg/kg	0.54 U	0.49 U	0.56 U	0.50 U	0.51 U	0.50 U	0.49 U
Aluminum	mg/kg	20900	16100	24300 J A	16800	15800	18600	17100
Iron	mg/kg	25700	20600	26100	22200	20800	22500	21000
Lead	mg/kg	10.1 J E, Q, A	11.9 J E, Q, A	7.02 J Q, E, A	15.4 J E, Q, A	21.2 J E, Q, A	17.5 J E, Q, A	15.9 J E, Q, A
Lithium	mg/kg	35.8	24.9	38.1	27.3	28.5	29	28.1
Magnesium	mg/kg	5410	4600	5420 J A	5330	5370	5230	5070
Manganese	mg/kg	373	318	276 J A	310	298	339	317
Mercury	mg/kg	0.108 U	0.100 U F	0.112 U	0.153	0.191	0.101 U F	0.284
Molybdenum	mg/kg	0.62	0.785 J E, Q	0.415	0.702 J E, Q	0.802 J E, Q	0.960 J E, Q	0.823 J E, Q
Nickel	mg/kg	28.7 J Q, A	22.0 J E, Q, A	18.5 J Q, E, A	29.2 J E, Q, A	31.5 J E, Q, A	30.1 J E, Q, A	28.7 J E, Q, A
Potassium	mg/kg	1520 J Q	3620	1870 J Q	2850	3130	3400	3170
Silver	mg/kg	0.133	0.133 J Q	0.0901 J Z	0.107 J Q	0.128 J Q	0.0894 J Q, Z	0.0955 J Q, Z
Sodium	mg/kg	154	86.4 J Z	146	137	160	139	117
Strontium	mg/kg	25.7	21.1	28.0 J A	22.3	22.5	23.7	21.5
Thallium	mg/kg	0.354	0.311 J Q, E	0.257	0.385 J Q, E	0.441 J Q, E	0.431 J Q, E	0.371 J Q, E
Tin	mg/kg	11.2 U B	10.3 U B	10.8 U B	10.1 U B	10.1 U B	10.1 U B	10.0 U B
Titanium	mg/kg	1220	1310	1250	1380	1380	1450	1380
Antimony	mg/kg	0.223 UJ B, Q	0.548 J Q	0.226 UJ Q	0.287 J Q	0.417 J Q	0.297 J Q	0.317 J Q
Arsenic	mg/kg	19.8	23.0 J E, A	14.8 J E, A	43.7 J E, A	42.2 J E, A	30.8 J E, A	40.4 J E, A
Beryllium	mg/kg	0.99	0.753 J E	0.785 J Q, E	0.924 J E	0.943 J E	0.987 J E	0.974 J E
Barium	mg/kg	148 J A	124 J E, A	105 J E, A	139 J E, A	147 J E, A	170 J E, A	140 J E, A
Boron	mg/kg	4.67 J Z	8.32	5.39 U	7.85	7.85	8.56	7.98
Cadmium	mg/kg	0.168	0.451 J Q	0.115	0.474 J Q	0.419 J Q	0.456 J Q	0.620 J Q
Chromium	mg/kg	35.9 J Q, A	27.8 J E, Q	25.5 J Q, E, A	34.4 J E, Q	37.6 J E, Q	39.4 J E, Q	34.0 J E, Q
Cobalt	mg/kg	13.4 J A	8.09 J E, Q, A	6.96 J E, A	9.62 J E, Q, A	10.6 J E, Q, A	10.6 J E, Q, A	9.79 J E, Q, A
Copper	mg/kg	14.8 J A	16.0 J E, Q, A	9.83 J Q, E, A	19.3 J E, Q, A	36.6 J E, Q, A	23.0 J E, Q, A	20.8 J E, Q, A
Vanadium	mg/kg	78.4 J A	46.7 J E	44.2 J E, A	56.0 J E	56.1 J E	63.0 J E	53.3 J E
Zinc	mg/kg	77.6	81.9 J E, A	51.4 J A	98.6 J E, A	144 J E, A	109 J E, A	112 J E, A
Zirconium	mg/kg	2.99 J Z	4.35 J Z	5.54	4.88 J Z	5.01 J Z	5.57	5.04
Calcium	mg/kg	3330	3430	3420 J A	3930	4640	4010	4140
Phosphorus	mg/kg	296 J Q, E	483	287	442	467	493	433
Selenium	mg/kg	0.0846 J Z	0.128 J Q, Z	0.0545 J Z	0.187 J Q, Z	0.144 J Q, Z	0.237 J Q, Z	0.134 J Q, Z
Chromium VI	mg/kg	0.49 J Z	0.37 J Z	1.1 U B	0.42 J Z	1.3	0.80 J Z	0.53 J Z
Perchlorate (314.0)	ug/kg	33.5 U	30.8 U	33.9 U	31.1 U	30.6 U	30.6 U	30.7 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	10.4	2.7	11.6	3.4	2.1	1.9	2.3
pH	pH unit	7.47	7.33	6.98	7.99	8.03	7.99	8.34

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-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-139-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-139-SA5DN-SB-2.0-3.0 05/24/2011 DE161 2 3	SL-140-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-140-SA5DN-SB-2.0-3.0 05/25/2011 DE162 2 3	SL-141-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-141-SA5DN-SB-4.0-5.0 06/28/2011 DE190 4 5
Chemical Name	Unit							
Nitrate	mg/kg	2.4	14.4	1.3 J Z	2	1.5 J Z	6.5	3.3
Fluoride	mg/kg	2.2 J Q	1.0 UJ Q	2.3 J Q	1.4 J Q	1.6	1.6 J Q	4.1 J Q
Cyanide	mg/kg	0.51 U	0.50 U	0.56 U	0.51 U	0.52 U	0.51 U	0.54 U
Aluminum	mg/kg	16800	17300	23200 J A	15700	23500 J A	20100	21800
Iron	mg/kg	24100	19400	26100	28700	27000	25300	29200
Lead	mg/kg	10.3 J E, Q, A	10.4 J E, Q, A	8.13 J Q, E, A	21.6 J E, Q, A	9.33 J Q, E, A	23.8 J E, Q, A	7.45 J E, Q, A
Lithium	mg/kg	32.6	22.7	38.1	25.3	35.2	30.9	28.3
Magnesium	mg/kg	5570	4030	6320 J A	5130	5170 J A	5850	5850
Manganese	mg/kg	344	340	428 J A	358	246 J A	386	312
Mercury	mg/kg	0.0985 UJ F, FD	0.100 U F	0.0072 J Z	0.0992 U F	0.0042 J Z	0.127	0.0217 J Z
Molybdenum	mg/kg	0.843 J E, Q	1.02 J E, Q	0.385	0.933 J E, Q	0.516	1.10 J E, Q	1.86
Nickel	mg/kg	26.1 J E, Q, A	22.1 J E, Q, A	18.9 J Q, E, A	24.1 J E, Q, A	16.4 J Q, E, A	30.1 J E, Q, A	25.2 J Q, A
Potassium	mg/kg	3180	3700	2230 J Q	3340	1940 J Q	4380	2790 J Q
Silver	mg/kg	0.0512 J Q, Z	0.0542 J Q, Z	0.0829 J Z	0.138 J Q	0.0843 J Z	1.18 J Q	0.361
Sodium	mg/kg	114	139	131	91.7 J Z	122	132	446
Strontium	mg/kg	18.9	23.3	26.9 J A	21	27.3 J A	30.2	26.1
Thallium	mg/kg	0.388 J Q, E	0.403 J Q, E	0.23	0.369 J Q, E	0.282	0.469 J Q, E	0.427
Tin	mg/kg	9.98 U B	9.92 U B	10.9 U B	13.5	10.3 U B	10.6 U B	11.0 U B
Titanium	mg/kg	1480	1400	1430	1250	1330	1520	1350
Antimony	mg/kg	0.237 J Q	0.239 J Q	0.0795 J Q, Z	0.253 J Q	0.0981 J Q, Z	0.365 J Q	0.220 UJ Q
Arsenic	mg/kg	33.9 J E, A	12.6 J E, A	12.3 J E, A	19.2 J E, A	14.9 J E, A	15.0 J E, A	9.23
Beryllium	mg/kg	0.923 J E	0.866 J E	0.881 J Q, E	0.796 J E	0.892 J Q, E	0.999 J E	0.735
Barium	mg/kg	153 J E, A	173 J E, A	115 J E, A	138 J E, A	123 J E, A	186 J E, A	131 J A
Boron	mg/kg	4.99 U	8.08	5.47 U	9.96	5.14 U	11.9	4.73 J Z
Cadmium	mg/kg	0.383 J Q	0.341 J Q	0.105 J Z	0.440 J Q	0.0729 J Z	1.04 J Q	0.2
Chromium	mg/kg	28.7 J E, Q	29.1 J E, Q	28.8 J Q, E, A	30.5 J E, Q	27.4 J Q, E, A	38.0 J E, Q	36.1 J Q, A
Cobalt	mg/kg	11.4 J E, Q, A	10.5 J E, Q, A	7.94 J E, A	9.60 J E, Q, A	11.8 J E, A	11.7 J E, Q, A	10.7 J A
Copper	mg/kg	17.0 J E, Q, A	18.1 J E, Q, A	9.94 J Q, E, A	18.3 J E, Q, A	11.2 J Q, E, A	34.5 J E, Q, A	17.5 J A
Vanadium	mg/kg	51.3 J E	48.4 J E	48.6 J E, A	50.5 J E	52.4 J E, A	60.3 J E	56.0 J A
Zinc	mg/kg	95.2 J E, A	74.5 J E, A	52.2 J A	90.7 J E, A	47.7 J A	169 J E, A	80.6
Zirconium	mg/kg	5.95	4.47 J Z	5.91	4.84 J Z	5.3	4.86 J Z	4.30 J Z
Calcium	mg/kg	3740	3040	3710 J A	3180	3160 J A	5460	3750
Phosphorus	mg/kg	499	375	341	418	199	542	355 J Q, E
Selenium	mg/kg	0.156 J Q, Z	0.166 J Q, Z	0.127 J Z	0.136 J Q, Z	0.0639 J Z	0.271 J Q, Z	0.133 J Z
Chromium VI	mg/kg	0.39 J Z	0.81 J Z	1.1 U B	0.44 J Z	1.1 U	0.72 J Z	0.46 J Z
Perchlorate (314.0)	ug/kg	30.8 U	30.4 U	33.5 U	30.6 U	32.1 U	32.1 U	32.9 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	2.7	1.2	10.4	1.9	6.4	6.4	8.9
pH	pH unit	7.59	6.32	6.23	6.75	6.66	7.47	7.98

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

Sample Name Sample Date SDG Start Depth End Depth		SL-142-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-142-SA5DN-SB-2.0-3.0 05/25/2011 DE162 2 3	SL-143-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-143-SA5DN-SB-4.0-5.0 06/28/2011 DE190 4 5	SL-144-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-144-SA5DN-SB-2.0-3.0 05/25/2011 DE162 2 3	SL-145-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.0 UJ Q	1.6	1.2 J Q	13.2 J Q	1.5 J Q	8.3 J FD	1.9 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	14200	20500 J A	21500	35400	19300	19900 J A	15400
Iron	mg/kg	20600	28700	25900	41600	23100	41200	18700
Lead	mg/kg	17.4 J E, Q, A	13.5 J Q, E, A	14.2 J E, Q, A	14.6 J E, Q, A	10.7 J E, Q, A	9.30 J Q, E, A	11.3 J E, Q, A
Lithium	mg/kg	18.3	37	29.1	48.1	24.1	44.1	19.9
Magnesium	mg/kg	3710	6760 J A	5590	8470	4600	7180 J A	3980
Manganese	mg/kg	282	323 J A	412	279	420	443 J A	360
Mercury	mg/kg	0.103 U F	0.102 U	0.0822 J Z	0.0139 J Z	0.0984 U F	0.0041 J FD, Z	0.102 U
Molybdenum	mg/kg	1.27 J E, Q	0.729	0.931 J E, Q	0.509	0.952 J E, Q	0.475	0.981 J E, Q
Nickel	mg/kg	22.2 J E, Q, A	33.6 J Q, E, A	19.3 J E, Q, A	32.6 J Q, A	21.5 J E, Q, A	17.3 J Q, E, A	20.0 J E, Q, A
Potassium	mg/kg	3170	2530 J Q	4960	3220 J Q	4560	3420 J Q	3980
Silver	mg/kg	0.385 J Q	0.0496 J Z	0.186 J Q	0.172	0.211 J Q	0.0284 J FD, Z	0.0583 J Q, Z
Sodium	mg/kg	75.9 J Z	352	119	712	88.5 J Z	400 J FD	81.0 J Z
Strontium	mg/kg	19.7	128 J A	29.6	46.8	27	33.9 J A	23.3
Thallium	mg/kg	0.325 J Q, E	0.469	0.310 J Q, E	0.586	0.394 J Q, E	0.394	0.369 J Q, E
Tin	mg/kg	10.0 U B	10.7 U B	10.5 U B	11.0 U B	10.4 U B	10.7 U B	10.3 U B
Titanium	mg/kg	1210	1440	1540	1490	1520	1830	1340
Antimony	mg/kg	0.239 J Q	0.247 J Q	0.284 J Q	0.223 UJ B, Q	0.249 J Q	0.117 J Q, Z	0.248 J Q
Arsenic	mg/kg	9.99 J E, A	20.8 J E, A	9.19 J E, A	14.5	9.95 J E, A	12.1 J E, A	10.5 J E, A
Beryllium	mg/kg	0.706 J E	1.17 J Q, E	0.655 J E	1.24	0.830 J E	0.842 J Q, E	0.733 J E
Barium	mg/kg	137 J E, A	256 J E, A	128 J E, A	171 J A	162 J E, A	165 J E, A	149 J E, A
Boron	mg/kg	8.72	5.33 U	5.25 U	6.68	5.18 U	26.8 U	8.5
Cadmium	mg/kg	0.576 J Q	0.166	0.593 J Q	0.116	0.307 J Q	0.0830 J Z	0.426 J Q
Chromium	mg/kg	30.1 J E, Q	37.3 J Q, E, A	26.4 J E, Q	46.0 J Q, A	27.9 J E, Q	23.1 J Q, E, A	27.2 J E, Q
Cobalt	mg/kg	9.72 J E, Q, A	19.8 J E, A	8.27 J E, Q, A	9.96 J A	9.47 J E, Q, A	13.9 J FD, E, A	8.84 J E, Q, A
Copper	mg/kg	23.6 J E, Q, A	27.2 J Q, E, A	19.0 J E, Q, A	30.2 J A	18.7 J E, Q, A	18.7 J Q, E, A	17.4 J E, Q, A
Vanadium	mg/kg	46.5 J E	66.9 J E, A	42.6 J E	96.0 J A	48.5 J E	45.7 J E, A	48.7 J E
Zinc	mg/kg	92.0 J E, A	114 J A	97.2 J E, A	112	74.4 J E, A	98.9 J A	76.1 J E, A
Zirconium	mg/kg	3.68 J Z	7.07	6.72	5.49	5.33	6.83	4.16 J Z
Calcium	mg/kg	2960	5070 J A	4620	11400	3370	5500 J A	3150
Phosphorus	mg/kg	409	635	502	452 J Q, E	375	706	379
Selenium	mg/kg	0.167 J Q, Z	0.319 J Z	0.172 J Q, Z	0.125 J Z	0.205 J Q, Z	0.104 J Z	0.165 J Q, Z
Chromium VI	mg/kg	0.51 J Z	1.1 U	0.43 J Z	0.64 J Z	0.39 J Z	1.1 UJ B, FD	0.94 J Z
Perchlorate (314.0)	ug/kg	31.2 U	32.9 U	31.5 U	34.2 U	31.1 U	33.1 U	30.9 U
Perchlorate (6850)	ug/kg	--	--	--	--	5.2 U	--	--
Percent Moisture	%	3.8	8.9	4.8	12.2	3.4	9.3	2.8
pH	pH unit	6.92	7.18	6.92	7.95	7	7.89	7.05

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-145-SA5DN-SB-2.0-3.0 05/24/2011 DE161 2 3	SL-146-SA5DN-SB-2.0-3.0 05/24/2011 DE161 2 3	SL-148-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-149-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-149-SA5DN-SB-4.0-5.0 07/11/2011 DE197 4 5	SL-150-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-150-SA5DN-SB-4.0-5.0 05/24/2011 DE161 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.8 J Q	2.4 J Q	1.8 J Q	1.4 J Q	3.0 J Q	1.6 J Q	2.1 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	23200 J A	21200 J A	15700	21700	26300	18900	19700 J A
Iron	mg/kg	26900	29900	19600	24500	31000 J E	33700	29900
Lead	mg/kg	6.42 J Q, E, A	7.90 J Q, E, A	13.4	17.2 J E, Q, A	9.93 J E	18.0 J E, Q, A	5.23 J Q, E, A
Lithium	mg/kg	36.3	33.1	17	20.7	35	24	41.1
Magnesium	mg/kg	6150 J A	7070 J A	4040	5330	6740	5130	6940 J A
Manganese	mg/kg	438 J A	311 J A	346 J E	447	457 J E	482	356 J A
Mercury	mg/kg	0.100 U	0.0051 J Z	0.0142 J E, Q, Z	0.101 U	0.109 U	0.103 U F	0.105 U
Molybdenum	mg/kg	0.537	0.103 J Z	0.690 J E, Q	1.14 J E, Q	0.675 J E, Q	1.33 J E, Q	0.544
Nickel	mg/kg	17.3 J Q, E, A	24.3 J Q, E, A	21.3 J Q, E	28.0 J E, Q, A	24.4 J Q, E	26.3 J E, Q, A	22.5 J Q, E, A
Potassium	mg/kg	2700 J Q	2490 J Q	3890	5770	3450	5050	4150 J Q
Silver	mg/kg	0.0523 J Z	0.552	0.0571 J Q, Z	0.0431 J Q, Z	0.0646 J Z	0.0762 J Q, Z	0.105 U
Sodium	mg/kg	109	129	66.5 J Z	75.9 J Z	127	86.5 J Z	171
Strontium	mg/kg	24.8 J A	28.4 J A	21.1	29.7	33.1	38.3	25.5 J A
Thallium	mg/kg	0.293	0.254	0.367 J Q	0.492 J Q, E	0.305	0.427 J Q, E	0.377
Tin	mg/kg	10.6 U B	11.2 U B	10.4 U B	10.7 U B	10.8 U B	10.6 U B	10.4 U B
Titanium	mg/kg	1550	1610	1140	1520	1210	1520	1680
Antimony	mg/kg	0.0743 J Q, Z	0.234 UJ Q	0.143 J Q, E, Z	0.331 J Q	0.337 J E, Q	0.516 J Q	0.103 J Q, Z
Arsenic	mg/kg	10.6 J E, A	15.1 J E, A	7.08 J Q	9.13 J E, A	13.1	10.5 J E, A	7.91 J E, A
Beryllium	mg/kg	0.674 J Q, E	0.998 J Q, E	0.747 J Q	0.940 J E	0.978	0.845 J E	0.503 J Q, E
Barium	mg/kg	119 J E, A	170 J E, A	145 J E	191 J E, A	149	179 J E, A	127 J E, A
Boron	mg/kg	5.30 U	5.62 U	8.25	11.8	7.53 J Z	13	5.21 U
Cadmium	mg/kg	0.114	0.0604 J Z	0.422 J Q, E	0.604 J Q	0.262 J Q	0.503 J Q	0.0932 J Z
Chromium	mg/kg	24.6 J Q, E, A	47.5 J Q, E, A	29.8 J Q, E	37.8 J E, Q	38.1 J Q	34.6 J E, Q	28.6 J Q, E, A
Cobalt	mg/kg	7.60 J E, A	10.0 J E, A	9.83 J Q, E	13.3 J E, Q, A	11	11.7 J E, Q, A	9.22 J E, A
Copper	mg/kg	9.77 J Q, E, A	20.1 J Q, E, A	16.2 J Q	23.6 J E, Q, A	12.3 J E	28.3 J E, Q, A	15.8 J Q, E, A
Vanadium	mg/kg	46.0 J E, A	51.9 J E, A	51.7 J A	67.8 J E	72.4 J Q, E	59.3 J E	37.8 J E, A
Zinc	mg/kg	55.0 J A	74.5 J A	75.8	98.0 J E, A	65.9 J A	101 J E, A	63.8 J A
Zirconium	mg/kg	6.18	5.76	2.99 J Z	5.49	6.99	5.62	6.41
Calcium	mg/kg	3360 J A	5150 J A	3170	4240	4770 J E	6500	4130 J A
Phosphorus	mg/kg	372	383	379 J Q	390	277 J E	502	490
Selenium	mg/kg	0.135 J Z	0.0909 J Z	0.157 J Z	0.222 J Q, Z	0.133 J Z	0.281 J Q, Z	0.126 J Z
Chromium VI	mg/kg	1.1 U B	1.2 U B	1.0 U	0.45 J Z	0.49 J Z	0.37 J Z	1.1 U B
Perchlorate (314.0)	ug/kg	31.8 U	35.0 U	31.5 U	32.3 U	32.9 U	32.1 U	32.5 U
Perchlorate (6850)	ug/kg	--	--	3.3 J Z	5.4 U	--	--	--
Percent Moisture	%	5.7	14.4	4.7	7.2	8.9	6.6	7.7
pH	pH unit	6.18	7.04	6.57	6.99	7.38	7.56	7.97

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-151-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-152-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-152-SA5DN-SB-2.5-3.5 06/29/2011 DE191 2.5 3.5	SL-153-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-153-SA5DN-SB-4.0-5.0 08/08/2011 DE219 4 5	SL-153-SA5DN-SB-7.0-8.0 08/08/2011 DE219 7 8	SL-154-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.0 UJ Q	1.8 J Q	7.6 J Q	2.9 J Q	1.2 R E, Q	7.9 J E, Q	1.9 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	26000	19200	27700	22900	25300	30500	25400
Iron	mg/kg	36600	32800	40900	25400	30700	40600	29000
Lead	mg/kg	13.1 J E, Q, A	12.4 J E, Q	16.2	7.70 J E, Q	12.0 J Q	14.8 J Q	11.8 J E, Q
Lithium	mg/kg	39	48.2	52.6	25.1	26.8	64.8	25.3
Magnesium	mg/kg	6930	10200	8880	4680	6780	8800	5780
Manganese	mg/kg	454	510	277	388	522 J Q, E	427 J Q, E	426
Mercury	mg/kg	0.101 U F	0.104 U B	0.0114 J Z	0.0496 J Z	0.107 U	0.107 U	0.108 U
Molybdenum	mg/kg	1.15 J E, Q	1.26 J E, Q	0.518	0.716 J E, Q	0.815	0.657	0.888 J E, Q
Nickel	mg/kg	22.1 J E, Q, A	22.6 J Q, A	33	16.5 J Q, A	29.2 J Q, *#	40.2 J Q, *#	21.4 J Q, A
Potassium	mg/kg	5210	4070	2310	4220	5180 J Q	3640 J Q	5190
Silver	mg/kg	0.0497 J Q, Z	0.147 J Q	0.0718 J Z	0.0737 J Q, Z	0.0524 J Z	0.152	0.0571 J Q, Z
Sodium	mg/kg	106	239	373	87.4 J Z	145	601	94.4 J Z
Strontium	mg/kg	25.4	38.5	44.9	31.1	30.2	38.9	34.2
Thallium	mg/kg	0.382 J Q, E	0.422 J Q	0.324	0.304 J Q	0.509	0.401	0.403 J Q
Tin	mg/kg	10.2 U B	10.5 U B	11.1 U B	10.6 U B	11.5 U B	11.4 U B	10.8 U B
Titanium	mg/kg	1660	1480	1100	1470	1460	1730	1530
Antimony	mg/kg	0.155 J Q, Z	0.212 UJ B, Q	0.213 U B	0.212 UJ B, Q	0.230 UJ B, Q	0.227 UJ B, Q	0.213 UJ B, Q
Arsenic	mg/kg	8.17 J E, A	15.0 J E, Q	12.7	7.54 J E, Q	8.92 J Q	12.7 J Q	9.19 J E, Q
Beryllium	mg/kg	0.953 J E	1.32 J E, Q	1.15	0.759 J E, Q	1.08	1.39	0.992 J E, Q
Barium	mg/kg	138 J E, A	151 J E, A	165	134 J E, A	177	190	188 J E, A
Boron	mg/kg	11.9	14.0 J Z	7.95	5.29 U	5.35 J Z	5.68 U B	5.39 U
Cadmium	mg/kg	0.176 J Q	0.284 J Q	0.116	0.268 J Q	0.321	0.231	0.383 J Q
Chromium	mg/kg	27.5 J E, Q	36.5 J Q	42.1	24.9 J Q	41.0 J E, *#	48.7 J E, *#	33.5 J Q
Cobalt	mg/kg	9.56 J E, Q, A	15.4 J E, Q	15	8.87 J E, Q	15.3 J E	14.4 J E	12.9 J E, Q
Copper	mg/kg	19.4 J E, Q, A	26.5 J Q	28.4	14.3 J Q	23.1 J E	28.2 J E	21.2 J Q
Vanadium	mg/kg	50.2 J E	56.3	73.3	42.9	75.9 J E, *#	77.2 J E, *#	59.7
Zinc	mg/kg	95.5 J E, A	121	106	61	97.2 J E, Q	110 J E, Q	90.4
Zirconium	mg/kg	5.92	6.75	7.48	5.5	5.34 J Z	6.85	6.6
Calcium	mg/kg	4350	17800	13800	3660	3740	6140	4730
Phosphorus	mg/kg	923	516	508	303	423 J Q	805 J Q	429
Selenium	mg/kg	0.233 J Q, Z	0.369 J Q, Z	0.424 J Z	0.176 J Q, Z	0.236 J Q, E, Z	0.376 J Q, E, Z	0.257 J Q, Z
Chromium VI	mg/kg	0.56 J Z	0.65 J Z	0.43 J Z	1.1 U	0.49 J Z	0.26 J Z	0.29 J Z
Perchlorate (314.0)	ug/kg	31.2 U	32.2 U	33.3 U	32.4 U	34.5 U	34.4 U	33.0 U
Perchlorate (6850)	ug/kg	--	--	5.5 U	--	--	--	--
Percent Moisture	%	3.7	6.8	9.8	7.3	13.1	12.9	9
pH	pH unit	6.69	8.34	8.24	7.73	6.68	8.37	7.29

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-154-SA5DN-SB-4.0-5.0 06/29/2011 DE191 4 5	SL-154-SA5DN-SB-9.0-10.0 06/29/2011 DE191 9 10	SL-155-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-155-SA5DN-SB-4.0-5.0 07/08/2011 DE196 4 5	SL-155-SA5DN-SB-9.0-10.0 07/08/2011 DE196 9 10	SL-156-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-156-SA5DN-SB-4.0-5.0 07/08/2011 DE196 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.9 J Q	2.4 J Q	1.6 J Q	2.3 J Q	2.3 J Q	1.1 UJ Q	2.0 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	28800	26400	19800	28400	26700	18200	26500
Iron	mg/kg	31600	30100	27800	34100	32600	26400	31600
Lead	mg/kg	12	8.1	11.8 J E, Q	8.00 J A	7.91 J A	13.0 J E, Q	8.23 J A
Lithium	mg/kg	33.7	29.7	23.8	32.3	34.9	22.5	34.6
Magnesium	mg/kg	6040	6030	5850	7490	7530	5710	7910
Manganese	mg/kg	434	337	421	374 J E	410 J E	400	391 J E
Mercury	mg/kg	0.108 U	0.114 U	0.0998 UJ FD	0.107 U	0.110 U	0.106 U B	0.109 U
Molybdenum	mg/kg	0.711	0.481	0.903 J E, Q	0.608	0.335	0.971 J E, Q	0.536
Nickel	mg/kg	30.1	24.1	20.5 J Q, A	26.5 J A	23.2 J A	26.2 J Q, A	35.9 J A
Potassium	mg/kg	3410	2660	5630	4210	3930	5470	3470
Silver	mg/kg	0.139	0.0749 J Z	0.0436 J Q, Z	0.0460 J Z	0.0565 J Z	0.0398 J Q, Z	0.0407 J Z
Sodium	mg/kg	127	118	90.7 J Z	116	140	79.6 J Z	114
Strontium	mg/kg	30.4	30.2	27.6	32.3	32.3	27	28.6
Thallium	mg/kg	0.527	0.388	0.419 J Q	0.379	0.363	0.373 J Q	0.342
Tin	mg/kg	11.3 U B	11.1 U B	10.4 U B	11.5 U B	11.3 U B	10.8 U B	11.0 U B
Titanium	mg/kg	1310	1310	1500	1290	1370	1500	1300
Antimony	mg/kg	0.226 U B	0.224 U	0.203 UJ B, Q	0.170 J Q, E, Z	0.140 J Q, E, Z	0.221 UJ B, Q	0.196 J Q, E, Z
Arsenic	mg/kg	9.72	11.2	7.79 J E, Q	6.67 J Q	7.95 J Q	7.51 J E, Q	7.13 J Q
Beryllium	mg/kg	1.2	0.832	0.815 J E, Q	0.909	0.864	0.794 J E, Q	0.924
Barium	mg/kg	191	132	144 J E, A	131 J A	125 J A	146 J E, A	112 J A
Boron	mg/kg	6.64	5.66	5.18 U	5.60 J Z	5.82	5.41 U	5.47 J Z
Cadmium	mg/kg	0.165	0.0765 J Z	0.423 J Q	0.184	0.224	0.384 J Q	0.157
Chromium	mg/kg	36.9	33.5	33.0 J Q	36.0 J Q, A	33.1 J Q, A	38.9 J Q	40.4 J Q, A
Cobalt	mg/kg	13.5	7.76	12.0 J E, Q	10.5 J A	9.48 J A	12.8 J E, Q	11.0 J A
Copper	mg/kg	19.8	16.3	17.5 J Q	15.3 J A	15.3 J A	17.4 J Q	13.7 J A
Vanadium	mg/kg	76.7	64.5	55.3	59.4 J A	57.3 J A	60.4	58.3 J A
Zinc	mg/kg	91.8	66.5	87.7	71.8 J A	74.5 J A	92.7	69.6 J A
Zirconium	mg/kg	4.07 J Z	4.31 J Z	7.52	5.85	5.67	7.03	5.93
Calcium	mg/kg	3720	3640	4280	3930	4600	3700	3780
Phosphorus	mg/kg	297	236	530	363 J Q	485 J Q	587	377 J Q
Selenium	mg/kg	0.103 J Z	0.0807 J Z	0.247 J Q, Z	0.126 J Z	0.467 U	0.226 J Q, Z	0.129 J Z
Chromium VI	mg/kg	0.64 J Z	0.46 J Z	0.32 J FD, Z	0.74 J Z	0.34 J Z	1.1 U	0.67 J Z
Perchlorate (314.0)	ug/kg	34.2 U	35.0 U	31.4 U	34.4 U	35.4 U	33.4 U	34.6 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	12.3	14.3	4.4	12.7	15.2	10.3	13.2
pH	pH unit	6.78	7.1	7	7.52	7.54	6.93	7.03

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-156-SA5DN-SB-9.0-10.0 07/08/2011 DE196 9 10	SL-157-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-157-SA5DN-SB-4.0-5.0 07/08/2011 DE196 4 5	SL-157-SA5DN-SB-9.0-10.0 07/08/2011 DE196 9 10	SL-158-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-158-SA5DN-SB-4.0-5.0 07/08/2011 DE196 4 5	SL-158-SA5DN-SB-9.0-10.0 07/08/2011 DE196 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	2.8 J Q	1.8 J Q	2.8 J Q	4.5 J Q	1.2 J Q	2.2 J Q	4.6 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	23000	19400	25400	31800	19300	25700	26900
Iron	mg/kg	29100	27800	30600	31200	27500	31100	27800
Lead	mg/kg	8.54 J A	13.2 J E, Q	7.81 J A	14.8 J A	10.2 J E, Q	9.47 J A	8.99 J A
Lithium	mg/kg	25.5	23.5	32.6	35.8	24.1	34.1	29.8
Magnesium	mg/kg	6020	5880	7690	7460	6110	7900	7310
Manganese	mg/kg	261 J E	398	378 J E	307 J E	403	360 J E	240 J E
Mercury	mg/kg	0.0118 J Z	0.110 U B	0.107 U	0.0117 J Z	0.104 U	0.110 U	0.0110 J Z
Molybdenum	mg/kg	0.504	0.810 J E, Q	0.557	0.932	0.678 J E, Q	0.742	0.637
Nickel	mg/kg	28.1 J A	23.8 J Q, A	34.7 J A	45.3 J A	20.6 J Q, A	39.8 J A	32.6 J A
Potassium	mg/kg	2390	5840	3950	2870	6090	3660	2400
Silver	mg/kg	0.0755 J Z	0.0381 J Q, Z	0.0373 J Z	0.0886 J Z	0.0290 J Q, Z	0.0328 J Z	0.0627 J Z
Sodium	mg/kg	133	90.7 J Z	104 J Z	185	87.7 J Z	98.1 J Z	178
Strontium	mg/kg	21.6	26.6	28.4	28.2	27.2	27.6	24.7
Thallium	mg/kg	0.416	0.358 J Q	0.32	0.494	0.296 J Q	0.382	0.28
Tin	mg/kg	11.1 U B	10.8 U B	11.2 U B	11.6 U B	10.6 U B	10.9 U B	11.2 U B
Titanium	mg/kg	1260	1500	1260	1370	1530	1260	1310
Antimony	mg/kg	0.264 J Q, E	0.217 UJ B, Q	0.202 J Q, E, Z	0.289 J Q, E	0.212 UJ B, Q	0.222 J Q, E	0.106 J Q, E, Z
Arsenic	mg/kg	7.46 J Q	7.88 J E, Q	7.22 J Q	13.2 J Q	6.29 J E, Q	7.61 J Q	6.59 J Q
Beryllium	mg/kg	0.917	0.824 J E, Q	0.888	1.59	0.655 J E, Q	0.9	0.927
Barium	mg/kg	110 J A	140 J E, A	111 J A	182 J A	107 J E, A	131 J A	109 J A
Boron	mg/kg	3.28 J Z	5.38 U	5.53 J Z	4.75 J Z	5.30 U	4.88 J Z	3.88 J Z
Cadmium	mg/kg	0.112 U	0.330 J Q	0.143	0.0859 J Z	0.277 J Q	0.102 J Z	0.114 U
Chromium	mg/kg	36.8 J Q, A	36.7 J Q	41.2 J Q, A	53.7 J Q, A	31.9 J Q	47.7 J Q, A	38.1 J Q, A
Cobalt	mg/kg	9.54 J A	12.5 J E, Q	10.9 J A	16.5 J A	10.5 J E, Q	13.5 J A	12.0 J A
Copper	mg/kg	15.3 J A	17.4 J Q	14.4 J A	28.0 J A	13.8 J Q	16.3 J A	11.9 J A
Vanadium	mg/kg	52.9 J A	59.3	60.1 J A	85.8 J A	51.8	69.3 J A	57.2 J A
Zinc	mg/kg	64.6 J A	94	68.5 J A	108 J A	79.2	85.6 J A	59.5 J A
Zirconium	mg/kg	5.07 J Z	7.81	6.09	6.09	7.9	6.17	5.14 J Z
Calcium	mg/kg	2770	4300	3920	3560	4510	3840	2840
Phosphorus	mg/kg	247 J Q	625	466 J Q	279 J Q	687	407 J Q	202 J Q
Selenium	mg/kg	0.0851 J Z	0.253 J Q, Z	0.103 J Z	0.0961 J Z	0.242 J Q, Z	0.153 J Z	0.162 J Z
Chromium VI	mg/kg	0.75 J Z	0.44 J Z	0.54 J Z	0.67 J Z	1.1 U	0.65 J Z	0.66 J Z
Perchlorate (314.0)	ug/kg	34.2 U	33.6 U	34.2 U	35.3 U	32.4 U	33.7 U	34.6 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	12.2	10.6	12.2	15	--	10.9	13.3
pH	pH unit	7.52	6.91	7.54	7.79	7.29	7.26	7.64

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-159-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-159-SA5DN-SB-4.0-5.0 07/08/2011 DE196 4 5	SL-159-SA5DN-SB-9.0-10.0 07/08/2011 DE196 9 10	SL-160-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-160-SA5DN-SB-4.0-5.0 08/02/2011 DE214 4 5	SL-162-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-162-SA5DN-SB-4.0-5.0 08/02/2011 DE214 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.1 UJ Q	2.6 J Q	9.1 J Q	1.7 J Q	12.8 J E	1.5 J Q	5.1 J E
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	19400	23800	27100	21300	32300	24900	32500
Iron	mg/kg	28900	29100	31900	27000	37100	29700	34900
Lead	mg/kg	10.8 J E, Q	8.39 J A	8.23 J A	8.93 J E, Q	13.8 J E, Q	11.6 J E, Q	11.2 J E, Q
Lithium	mg/kg	24.1	26.7	30.5	24	40.6	26.6	30.8
Magnesium	mg/kg	5930	6640	7700	5560	7670 J A	6920	8470 J A
Manganese	mg/kg	403	373 J E	325 J E	357	256	366	385
Mercury	mg/kg	0.105 U B	0.109 U	0.110 U	0.0991 U B	0.104 U	0.111 U B	0.108 U
Molybdenum	mg/kg	0.725 J E, Q	0.497	0.43	0.822 J E, Q	0.730 J E, Q	0.773 J E, Q	0.583 J E, Q
Nickel	mg/kg	16.3 J Q, A	25.3 J A	29.5 J A	15.4 J Q, A	25.5 J Q	18.3 J Q, A	27.5 J Q
Potassium	mg/kg	5700	4140	2850	4940	2800 J Q, A	6930	6070 J Q, A
Silver	mg/kg	0.0268 J Q, Z	0.0253 J Z	0.0399 J Z	0.0232 J Q, Z	0.0931 J Q, Z	0.0322 J Q, Z	0.0493 J Q, Z
Sodium	mg/kg	93.5 J Z	105 J Z	466	108	716	98.6 J Z	176
Strontium	mg/kg	29	27.2	29.1	29.8	32.1	34.6	38.5
Thallium	mg/kg	0.296 J Q	0.36	0.328	0.313 J Q	0.420 J Q	0.439 J Q	0.459 J Q
Tin	mg/kg	10.8 U B	11.1 U B	11.1 U B	10.2 U B	10.8 U B	10.8 U B	10.9 U B
Titanium	mg/kg	1480	1270	1300	1480	1420	1630	1440
Antimony	mg/kg	0.218 UJ B, Q	0.215 J Q, E, Z	0.206 J Q, E, Z	0.199 UJ B, Q	0.229 J Q	0.214 UJ B, Q	0.242 J Q
Arsenic	mg/kg	6.21 J E, Q	6.64 J Q	6.84 J Q	7.50 J E, Q	11.0 J Q	7.63 J E, Q	7.46 J Q
Beryllium	mg/kg	0.663 J E, Q	0.864	0.857	0.773 J E, Q	1.29	0.842 J E, Q	1.08
Barium	mg/kg	114 J E, A	111 J A	122 J A	127 J E, A	164	142 J E, A	177
Boron	mg/kg	5.40 U	5.35 J Z	4.69 J Z	5.08 U	8.5	5.41 U	12.6
Cadmium	mg/kg	0.276 J Q	0.124	0.0539 J Z	0.263 J Q	0.0677 J Q, Z	0.203 J Q	0.189 J Q
Chromium	mg/kg	30.7 J Q	39.1 J Q, A	36.6 J Q, A	29.3 J Q	44.2	32.5 J Q	41.8
Cobalt	mg/kg	9.90 J E, Q	12.0 J A	11.1 J A	9.97 J E, Q	9.82	12.3 J E, Q	14.2
Copper	mg/kg	13.1 J Q	14.4 J A	13.1 J A	15.9 J Q	17.2 J Q	22.3 J Q	19.5 J Q
Vanadium	mg/kg	53.8	69.0 J A	58.4 J A	51.2	79.5	61.6	80.8
Zinc	mg/kg	77.2	71.2 J A	63.1 J A	76.1	89	89.7	99.3
Zirconium	mg/kg	7.98	6.38	6.02	8.17	5.69	8.35	4.28 J Z
Calcium	mg/kg	4250	3350	2990	4080	4750 J E, A	4920	5020 J E, A
Phosphorus	mg/kg	618	407 J Q	206 J Q	459	186 J Q	524	367 J Q
Selenium	mg/kg	0.223 J Q, Z	0.134 J Z	0.0919 J Z	0.257 J Q, Z	0.180 J Z	0.270 J Q, Z	0.191 J Z
Chromium VI	mg/kg	1.1 U	0.51 J Z	0.50 J Z	0.32 J Z	0.66 J Z	0.69 J Z	1.8
Perchlorate (314.0)	ug/kg	33.7 U	34.6 U	34.5 U	31.1 U	33.8 UJ Q	33.4 U	33.4 UJ Q
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	5.6 U
Percent Moisture	%	10.9	13.3	13.1	3.5	11.2	10.3	10.3
pH	pH unit	7.18	6.84	8.46	7.05	8.42	7.15	7.71

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-162-SA5DN-SB-9.0-10.0 08/02/2011 DE214 9 10	SL-164-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-164-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-164-SA5DN-SB-9.0-10.0 07/07/2011 DE195 9 10	SL-165-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-165-SA5DN-SB-4.0-5.0 06/29/2011 DE191 4 5	SL-165-SA5DN-SB-9.0-10.0 06/29/2011 DE191 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	3.7 J E	1.1 J Q	3.6 J Q	8.2 J Q	2.1 J Q	7.0 J Q	5.2 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	30900	18600	33000	31300	18000	23800	18300
Iron	mg/kg	32700	23900	33900	31800	23900	25800	21300
Lead	mg/kg	10.5 J E, Q	11.4 J Q, A	14.5 J Q, A	12.0 J Q, A	9.29 J Q, A	10.5	11.2
Lithium	mg/kg	30.9	19.9	30.2	30.8	21.2	26.5	19.1
Magnesium	mg/kg	7640 J A	5210	7020	6300	5420	5610	5060
Manganese	mg/kg	280	342	432	342	308	332	244
Mercury	mg/kg	0.113 U	0.0128 J Z	0.115 U	0.0080 J Z	0.0070 J Z	0.0095 J Z	0.0134 J Z
Molybdenum	mg/kg	0.475 J E, Q	0.683	0.989	0.86	0.385	0.596	1.36
Nickel	mg/kg	23.6 J Q	18.5 J Q	36.7 J Q	32.2 J Q	15.4 J Q	25.9	18
Potassium	mg/kg	3830 J Q, A	4800 J Q	3910	3590	3760 J Q	2770	2450
Silver	mg/kg	0.0350 J Q, Z	0.0410 J Z	0.103 J Q, Z	0.0810 J Q, Z	0.0647 J Z	0.0685 J Z	0.0916 J Z
Sodium	mg/kg	179	67.9 J Z	202	233	75.2 J Z	188	278
Strontium	mg/kg	37.8	24.7	37.7	31.9	32.4	24.1	33
Thallium	mg/kg	0.391 J Q	0.262	0.544 J Q	0.445 J Q	0.278	0.432	0.298
Tin	mg/kg	11.2 U B	10.8 U B	11.2 U B	11.2 U B	10.5 U B	11.0 U B	10.2 U B
Titanium	mg/kg	1550	1080	1080	1250	1150	1240	1020
Antimony	mg/kg	0.189 J Q, Z	0.179 J Q, Z	0.371 J Q	0.294 J Q	0.0721 J Q, Z	0.215 U B	0.204 U B
Arsenic	mg/kg	8.78 J Q	10.1 J Q	14.6 J A	14.4 J A	5.30 J Q	18	7.62
Beryllium	mg/kg	0.93	0.67	1.41 J Q, E	1.31 J Q, E	0.577	0.944	0.625
Barium	mg/kg	131	106 J A	160 J A	174 J A	98.4 J A	131	134
Boron	mg/kg	12.1	6.6	5.61 U	5.58 U	6.58	5.26 J Z	4.98 J Z
Cadmium	mg/kg	0.0916 J Q, Z	0.406	0.299 J Q	0.294 J Q	0.271	0.136	0.159
Chromium	mg/kg	39.4	24.5 J Q, A	46.1 J Q	39.0 J Q	21.7 J Q, A	34.3	22.2
Cobalt	mg/kg	12.4	7.92	16.3	12.9	7.06	11.3	9.81
Copper	mg/kg	16.6 J Q	14.6	24.0 J Q, A	20.9 J Q, A	11.8	16.7	21.3
Vanadium	mg/kg	75.8	48.7 J A	82	73.5	43.3 J A	74	65.8
Zinc	mg/kg	82.7	67	99.4 J A	81.4 J A	67.4	81.6	71.2
Zirconium	mg/kg	4.66 J Z	3.03 J Z	6.08	8.05	2.07 J Z	3.53 J Z	4.49 J Z
Calcium	mg/kg	4480 J E, A	4690	5450	4570	12800	3710	12200
Phosphorus	mg/kg	366 J Q	461	191	199	419	108	552
Selenium	mg/kg	0.168 J Z	0.221 J Z	0.207 J Z	0.140 J Z	0.128 J Z	0.121 J Z	0.129 J Z
Chromium VI	mg/kg	1.2 U	1.1 U	0.62 J Z	0.52 J Z	0.85 J Z	1.1 U	0.73 J Z
Perchlorate (314.0)	ug/kg	34.6 UJ Q	33.0 U	34.6 U	34.2 U	32.3 U	33.9 U	31.8 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	13.2	9	13.4	12.2	7	11.4	5.6
pH	pH unit	7.24	7.23	8.13	8.57	8.28	8.8	10.7

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-166-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-166-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-166-SA5DN-SB-9.0-10.0 07/07/2011 DE195 9 10	SL-167-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-167-SA5DN-SB-9.0-10.0 07/07/2011 DE195 9 10	SL-168-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-168-SA5DN-SB-9.0-10.0 07/07/2011 DE195 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.8 J Q	3.6 J Q	5.9 J Q	4.7 J Q	6.3 J Q	4.6 J Q	5.7 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	24800	33500	29000	33200	26000	33200	21100
Iron	mg/kg	29400	34100	27700	37200	27200	36100	24800
Lead	mg/kg	48.6 J E, Q	11.4 J Q, A	12.2 J Q, A	12.1 J Q, A	11.0 J Q, A	11.6 J Q, A	10.7 J Q, A
Lithium	mg/kg	23.4	31.7	31	32.3	28.8	29.9	21.2
Magnesium	mg/kg	7210	8040	6220	8550	6180	8210	5230
Manganese	mg/kg	443	419	329	382	359	517	412
Mercury	mg/kg	0.111 U B	0.113 U	0.114 U	0.0130 J Z	0.109 U	0.115 U	0.111 U
Molybdenum	mg/kg	0.931 J E, Q	0.616	0.676	0.608	0.683	0.503	0.672
Nickel	mg/kg	25.5 J Q, A	26.7 J Q	31.1 J Q	30.8 J Q	28.1 J Q	30.0 J Q	30.5 J Q
Potassium	mg/kg	6840	4540	3060	3580	3600	3660	3060
Silver	mg/kg	0.0656 J Q, Z	0.0582 J Q, Z	0.0550 J Q, Z	0.0350 J Q, Z	0.0555 J Q, Z	0.0584 J Q, Z	0.0634 J Q, Z
Sodium	mg/kg	87.7 J Z	96.6 J Z	94.8 J Z	131	183	141	109 J Z
Strontium	mg/kg	29.5	58.6	65.3	37.8	43.1	37.1	29.8
Thallium	mg/kg	0.404 J Q	0.420 J Q	0.447 J Q	0.457 J Q	0.434 J Q	0.397 J Q	0.416 J Q
Tin	mg/kg	10.8 U B	11.4 U B	11.4 U B	11.4 U B	11.2 U B	11.4 U B	11.3 U B
Titanium	mg/kg	1410	1060	1200	1270	1200	1260	1180
Antimony	mg/kg	0.595 J Q	0.311 J Q	0.196 J Q, Z	0.317 J Q	0.206 J Q, Z	0.208 J Q, Z	0.167 J Q, Z
Arsenic	mg/kg	11.2 J E, Q	9.85 J A	13.3 J A	12.8 J A	10.1 J A	9.26 J A	9.88 J A
Beryllium	mg/kg	0.983 J E, Q	1.06 J Q, E	1.19 J Q, E	1.14 J Q, E	0.974 J Q, E	1.02 J Q, E	0.941 J Q, E
Barium	mg/kg	182 J E, A	167 J A	179 J A	164 J A	168 J A	171 J A	162 J A
Boron	mg/kg	5.41 U	5.70 U F	5.69 U	5.68 U	5.62 U	5.68 U	5.63 U
Cadmium	mg/kg	0.646 J Q	0.451 J Q	0.363 J Q	0.323 J Q	0.426 J Q	0.371 J Q	0.367 J Q
Chromium	mg/kg	39.0 J Q	39.1 J Q	41.3 J Q	44.6 J Q	39.2 J Q	40.8 J Q	34.6 J Q
Cobalt	mg/kg	14.6 J E, Q	12.1	16.6	13.4	10.7	12.8	14.2
Copper	mg/kg	26.4 J Q	20.3 J Q, A	21.3 J Q, A	22.4 J Q, A	19.6 J Q, A	22.2 J Q, A	20.7 J Q, A
Vanadium	mg/kg	70.5	73.1	76.8	83.4	74.8	79.2	68.1
Zinc	mg/kg	132	81.5 J A	76.9 J A	96.9 J A	80.9 J A	87.0 J A	85.7 J A
Zirconium	mg/kg	6.51	7.87	7.64	8.46	7.14	8.57	6.12
Calcium	mg/kg	9480	37100	42900	9540	36700	7620	21700
Phosphorus	mg/kg	718	548	218	267	292	410	394
Selenium	mg/kg	0.267 J Q, Z	0.263 J Z	0.121 J Z	0.226 J Z	0.130 J Z	0.113 J Z	0.0975 J Z
Chromium VI	mg/kg	1.1 U	0.39 J Z	0.40 J Z	0.39 J Z	0.41 J Z	0.97 J Z	0.40 J Z
Perchlorate (314.0)	ug/kg	33.4 U	34.6 U	34.8 U	35.1 U	34.8 U	35.4 U	34.4 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	10.2	13.2	13.8	14.6	13.7	15.3	12.9
pH	pH unit	7.71	8.42	8.74	8.53	8.72	8.59	8.54

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-169-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-169-SA5DN-SB-7.5-8.5 07/07/2011 DE195 7.5 8.5	SL-170-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-170-SA5DN-SB-4.0-5.0 08/01/2011 DE213 4 5	SL-170-SA5DN-SB-9.0-10.0 08/01/2011 DE213 9 10	SL-171-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-172-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	1.3 J Z	--
Fluoride	mg/kg	4.5 J Q	9.6 J Q	1.0 UJ Q	4.5	4.7	1.1 UJ Q	1.1 J Q
Cyanide	mg/kg	--	--	--	--	--	0.52 U	--
Aluminum	mg/kg	32200	19200	12200	17200	25100	11200	14200
Iron	mg/kg	34800	22000	18900	20600	26700	17600	22300
Lead	mg/kg	15.9 J Q, A	8.14 J Q, A	3.56 J Q, A	8.64 J E, Q	10.6 J E, Q	12.2 J Q, A	6.87 J Q, A
Lithium	mg/kg	29.2	19.1	23.1	22.3	26.7	17.7	18
Magnesium	mg/kg	8410	4340	4600	5100 J A	6560 J A	4160	5060
Manganese	mg/kg	478	340	267	281	411	304	316
Mercury	mg/kg	0.117 U	0.112 U	0.0068 J Z	0.139	0.110 U	0.0150 J Z	0.0172 J Z
Molybdenum	mg/kg	0.454	0.406	0.217	0.572 J E, Q	0.529 J E, Q	0.485	5.67
Nickel	mg/kg	34.5 J Q	18.1 J Q	11.5 J Q	15.2 J Q	27.1 J Q	13.3 J Q	12.6 J Q
Potassium	mg/kg	3640	2520	2890 J Q	3370 J Q, A	3690 J Q, A	4130 J Q	3020 J Q
Silver	mg/kg	0.0561 J Q, Z	0.0680 J Q, Z	0.0981 U	0.0484 J Q, Z	0.0559 J Q, Z	0.118	0.0272 J Z
Sodium	mg/kg	137	143	56.5 J Z	136	193	82.3 J Z	91.7 J Z
Strontium	mg/kg	41.9	32.6	15.4	22.2	39.4	18	39.2
Thallium	mg/kg	0.460 J Q	0.282 J Q	0.174	0.250 J Q	0.388 J Q	0.209	0.186
Tin	mg/kg	11.9 U B	11.2 U B	10.0 U B	10.6 U B	11.3 U B	10.4 U B	10.5 U B
Titanium	mg/kg	1130	1080	1030	1120	1340	1120	967
Antimony	mg/kg	0.304 J Q	0.169 J Q, Z	0.196 UJ Q	0.0834 J Q, Z	0.202 J Q, Z	0.0646 J Q, Z	0.0818 J Q, Z
Arsenic	mg/kg	11.2 J A	5.69 J A	3.48 J Q	5.60 J Q	7.70 J Q	13.4 J Q	3.81 J Q
Beryllium	mg/kg	1.22 J Q, E	0.710 J Q, E	0.409	0.6	0.915	0.482	0.381
Barium	mg/kg	187 J A	125 J A	67.2 J A	114	156	106 J A	107 J A
Boron	mg/kg	5.96 U	5.59 U	3.06 J Z	7.75	10.7	3.71 J Z	4.94 J Z
Cadmium	mg/kg	0.455 J Q	0.308 J Q	0.0683 J Z	0.319 J Q	0.393 J Q	0.2	0.356
Chromium	mg/kg	46.8 J Q	26.0 J Q	16.5 J Q, A	21.2	35.8	16.3 J Q, A	18.7 J Q, A
Cobalt	mg/kg	18.1	11	5.3	6.94	11.4	6.45	6.54
Copper	mg/kg	27.1 J Q, A	14.4 J Q, A	7	14.1 J Q	17.0 J Q	11.3	10.3
Vanadium	mg/kg	91	46.7	31.2 J A	41.8	68.2	33.8 J A	38.3 J A
Zinc	mg/kg	107 J A	55.1 J A	54.7	73.8	76.6	69.8	59
Zirconium	mg/kg	8.64	5.44 J Z	0.906 J Z	1.55 J Z	2.66 J Z	5.21 U	3.31 J Z
Calcium	mg/kg	9370	28800	2860	5740 J E, A	34200 J E, A	2690	7720
Phosphorus	mg/kg	494	348	381	416 J Q	292 J Q	475	468
Selenium	mg/kg	0.145 J Z	0.443 U	0.0474 J Z	0.132 J Z	0.109 J Z	0.0725 J Z	0.256 J Z
Chromium VI	mg/kg	0.51 J Z	0.53 J Z	1.0 U	0.49 J Z	0.47 J Z	0.52 J Z	1.1 U
Perchlorate (314.0)	ug/kg	36.1 U	34.2 U	30.9 U	33.1 U	34.7 U	31.9 U	32.4 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	17	12.3	2.9	9.3	13.6	6	7.3
pH	pH unit	8.45	8.59	7.81	8.37	8.3	7.39	8.2

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-172-SA5DN-SB-4.0-5.0 07/28/2011 DE211 4 5	SL-172-SA5DN-SB-9.0-10.0 07/28/2011 DE211 9 10	SL-173-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-173-SA5DN-SB-4.0-5.0 08/01/2011 DE213 4 5	SL-173-SA5DN-SB-9.0-10.0 08/01/2011 DE213 9 10	SL-174-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-174-SA5DN-SB-4.0-5.0 07/29/2011 DE212 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	4.0 J Q	4.0 J Q	1.1 U	5.9	3.9	1.1	8.9
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	29500	24600	10900	22700	25800	15200	26900 J E
Iron	mg/kg	31100	24700	18100	24200	23900	26100	29400 J E
Lead	mg/kg	8.39	7.28	14.4 J Q, A	9.81 J E, Q	9.66 J E, Q	11.9 J Q, A	8.44 J Q, E
Lithium	mg/kg	29.7	23.6	22.5	24.1	22.2	28	29.5
Magnesium	mg/kg	6910	6610	4280	6220 J A	5670 J A	8050	6520 J E
Manganese	mg/kg	403	316	255	335	237	373	398 J E
Mercury	mg/kg	0.0159 J Z	0.0114 J Z	0.0207 J Z	0.0113 J Z	0.113 U	0.0143 J Z	0.0095 J Q, Z
Molybdenum	mg/kg	0.725	0.656	0.462	0.494 J E, Q	0.562 J E, Q	0.557	0.343
Nickel	mg/kg	20.1	17.2	12.8 J Q	22.8 J Q	22.8 J Q	26.3 J Q	20.1 J Q, E
Potassium	mg/kg	4630 J Q	2980 J Q	2820 J Q	3170 J Q, A	2470 J Q, A	4290 J Q	3570 J Q, E
Silver	mg/kg	0.0572 J Z	0.0470 J Z	0.0392 J Z	0.0398 J Q, Z	0.0429 J Q, Z	0.0761 J Z	0.0429 J Z
Sodium	mg/kg	127	156	63.1 J Z	251	314	105	139
Strontium	mg/kg	30.4	102	14.1	41.6	31.5	25.4	44.6 J E
Thallium	mg/kg	0.316	0.244	0.286	0.323 J Q	0.398 J Q	0.327	0.307
Tin	mg/kg	10.7 U B	11.8 U B	10.2 U B	11.1 U B	11.3 U B	10.2 U B	11.3 U B
Titanium	mg/kg	1330	1130	625	1220	1200	1580	1410 J E
Antimony	mg/kg	0.127 J Q, Z	0.102 J Q, Z	0.0902 J Q, Z	0.154 J Q, Z	0.140 J Q, Z	0.111 J Q, Z	0.226 U J Q
Arsenic	mg/kg	6.16	4.93	5.09 J Q	8.38 J Q	9.02 J Q	6.11 J Q	6.31 J Q
Beryllium	mg/kg	0.747	0.596	0.435	0.833	1.13	0.446	0.749
Barium	mg/kg	125	102	82.3 J A	133	136	162 J A	123
Boron	mg/kg	5.33 U B	4.51 J Z	2.90 J Z	10.8	10.1	2.86 J Z	7.26
Cadmium	mg/kg	0.277	0.442	0.213	0.408 J Q	0.122 J Q	0.188	0.275 J E
Chromium	mg/kg	26.0 J *#	25.8 J *#	16.1 J Q, A	31.5	35.6	21.8 J Q, A	28.0 J Q, E, A
Cobalt	mg/kg	9.04	7.53	5.05	10.3	9.41	8.79	9.17
Copper	mg/kg	14.7	12.3	9.47	16.4 J Q	31.2 J Q	16.6	13.6
Vanadium	mg/kg	49.9 J *#	49.7 J *#	29.3 J A	59.2	64	43.8 J A	53.4
Zinc	mg/kg	66.0	53.1	60.2	71.8	70.2	79.5	59.1
Zirconium	mg/kg	6.01	5.58 J Z	5.10 U	2.87 J Z	2.38 J Z	1.27 J Z	7.29
Calcium	mg/kg	9410	91000	3080	38600 J E, A	22100 J E, A	4200	24300 J E
Phosphorus	mg/kg	440	417	374	283 J Q	201 J Q	680	293 J E
Selenium	mg/kg	0.121 J Z	0.110 J Z	0.228 J Z	0.0963 J Z	0.0869 J Z	0.180 J Z	0.0869 J Z
Chromium VI	mg/kg	0.43 J Z	0.29 J Z	0.83 J Z	1.2 U	1.1 U	0.34 J Z	0.24 J Z
Perchlorate (314.0)	ug/kg	33.6 U	35.5 U	31.5 U	34.6 U	34.3 U	31.2 U	35.0 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	10.7	15.4	4.9	13.4	12.6	3.9	14.2
pH	pH unit	8.08	8.2	8.12	8.6	8.62	7.59	8.4

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-174-SA5DN-SB-9.0-10.0 07/29/2011 DE212 9 10	SL-175-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-175-SA5DN-SB-4.0-5.0 08/01/2011 DE213 4 5	SL-175-SA5DN-SB-9.0-10.0 08/01/2011 DE213 9 10	SL-176-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-176-SA5DN-SB-4.0-5.0 08/01/2011 DE213 4 5	SL-176-SA5DN-SB-9.0-10.0 08/01/2011 DE213 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	3.6	2.3	2	--	--	--
Fluoride	mg/kg	8.5	1.4	2.5 J FD	7.3	1.0 U	2.7	8.3
Cyanide	mg/kg	--	0.52 U	0.55 U	0.54 U	--	--	--
Aluminum	mg/kg	29000 J E	14100	20800	27800	10500	18500	29000
Iron	mg/kg	29800 J E	18400	23100	27100	18300	21000	29200
Lead	mg/kg	8.06 J Q, E	6.55 J Q, A	9.31 J E, Q	11.6 J E, Q	7.30 J Q, A	9.16 J E, Q	11.6 J E, Q
Lithium	mg/kg	24.4	18.6	23.5	22.3	23.7	21	23.5
Magnesium	mg/kg	5780 J E	4090	4810 J A	5930 J A	4530	5320 J A	5750 J A
Manganese	mg/kg	553 J E	269	317	288	267	281	268
Mercury	mg/kg	0.0175 J Q, Z	0.0151 J Z	0.0142 J FD, Z	0.115 U	0.0050 J Z	0.109 U	0.111 U
Molybdenum	mg/kg	0.401	0.573	0.561 J E, Q	0.646 J E, Q	0.651	0.590 J E, Q	0.575 J E, Q
Nickel	mg/kg	18.9 J Q, E	11.7 J Q	19.2 J Q	26.6 J Q	11.2 J Q	17.8 J Q	22.8 J Q
Potassium	mg/kg	2550 J Q, E	3070 J Q	2960 J Q, A	2540 J Q, A	2560 J Q	3350 J Q, A	2850 J Q, A
Silver	mg/kg	0.0683 J Z	0.0421 J Z	0.0517 J FD, Q, Z	0.0771 J Q, Z	0.222	0.0576 J Q, Z	0.0638 J Q, Z
Sodium	mg/kg	163	66.4 J Z	98.8 J Z	242	61.7 J Z	160	221
Strontium	mg/kg	33.3 J E	32.3	32.3	35.1	15.7	32.9	35.5
Thallium	mg/kg	0.307	0.243	0.341 J Q	0.412 J Q	0.226	0.318 J Q	0.404 J Q
Tin	mg/kg	11.1 U B	10.4 U B	10.9 U B	11.2 U B	10.0 U B	10.7 U B	11.0 U B
Titanium	mg/kg	1290 J E	1080	1260	1230	960	1100	1310
Antimony	mg/kg	0.100 J Q, Z	0.0802 J Q, Z	0.163 J Q, Z	0.223 J Q	0.0871 J Q, Z	0.170 J Q, Z	0.155 J Q, Z
Arsenic	mg/kg	6.67 J Q	3.89 J Q	5.66 J Q	9.80 J Q	7.23 J Q	5.94 J Q	8.96 J Q
Beryllium	mg/kg	0.833	0.46	0.792	1.26	0.441	0.777	1.04
Barium	mg/kg	119	101 J A	136	180	80.0 J A	134	150
Boron	mg/kg	4.55 J Z	3.38 J Z	8.12	9.7	2.60 J Z	8.3	9.22
Cadmium	mg/kg	0.0902 J E, Z	0.18	0.311 J Q	0.190 J Q	0.232	0.251 J Q	0.121 J Q
Chromium	mg/kg	26.7 J Q, E, A	16.6 J Q, A	27.1	41.1	15.0 J Q, A	26.5	35.1
Cobalt	mg/kg	7.98	5.23	8.3	12.1	4.83	8.12	16.2
Copper	mg/kg	15.6	10.4	13.7 J Q	19.8 J Q	17.5	15.5 J Q	17.6 J Q
Vanadium	mg/kg	51.4	33.9 J A	49.7	76.8	27.5 J A	51.7	65
Zinc	mg/kg	54	50.8	75.9	80.5	54.1	76.1	72.4
Zirconium	mg/kg	5.53 U B	1.33 J Z	2.03 J Z	2.62 J Z	1.06 J Z	1.81 J Z	2.01 J Z
Calcium	mg/kg	7310 J E	15400	18700 J E, A	16300 J E, A	5570	15100 J E, A	13400 J E, A
Phosphorus	mg/kg	209 J E	442	334 J Q	183 J Q	328	422 J Q	186 J Q
Selenium	mg/kg	0.447 U	0.129 J Z	0.132 J Z	0.102 J Z	0.178 J Z	0.113 J Z	0.105 J Z
Chromium VI	mg/kg	0.66 J Z	0.50 J Z	0.60 J Z	0.61 J Z	0.31 J Z	1.1 U	0.52 J Z
Perchlorate (314.0)	ug/kg	34.5 U	32.2 U	33.0 U	34.5 U	31.3 U	33.1 U	34.3 U
Perchlorate (6850)	ug/kg	--	--	--	--	5.2 U	--	--
Percent Moisture	%	13.1	6.8	9.2	13	4	9.3	12.5
pH	pH unit	8.24	8.1	8.37	8.3	8.18	8.5	8.27

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

Sample Name Sample Date SDG Start Depth End Depth		SL-179-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-179-SA5DN-SB-4.0-5.0 07/27/2011 DE210 4 5	SL-179-SA5DN-SB-9.0-10.0 07/27/2011 DE210 9 10	SL-180-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-180-SA5DN-SB-4.0-5.0 07/29/2011 DE212 4 5	SL-180-SA5DN-SB-9.0-10.0 07/29/2011 DE212 9 10	SL-181-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	1.6 U	1.5 U	1.1 J Z	--	--	--	--
Fluoride	mg/kg	1.0 U	2.7	6.6	1.5	6	8.7	1.1
Cyanide	mg/kg	0.52 U	0.52 U	0.57 U	--	--	--	--
Aluminum	mg/kg	10700	14500	22400	13600	20900 J E	24500 J E	15100
Iron	mg/kg	17300	18500	24500	20800	22500 J E	26300 J E	20700
Lead	mg/kg	5.56 J Q, A	6.21 J E	6.83 J E	4.48 J Q, A	6.42 J Q, E	7.21 J Q, E	8.04 J Q, A
Lithium	mg/kg	23.3	20.2	27.1	24.7	23.5	26.9	17.1
Magnesium	mg/kg	4500	4340	5590	5510	6240 J E	6780 J E	4360
Manganese	mg/kg	260	284	385	287	294 J E	335 J E	369
Mercury	mg/kg	0.0083 J Z	0.0594 J Z	0.111 U F, B	0.0982 U	0.109 UJ Q	0.0096 J Q, Z	0.103 U
Molybdenum	mg/kg	0.563	1.81	0.438	0.699	0.305	0.291	0.875
Nickel	mg/kg	9.48 J Q	11.2 J Q	17.7 J Q	9.17 J Q	15.9 J Q, E	17.4 J Q, E	10.1 J Q
Potassium	mg/kg	3040 J Q	2890 J Q	3120 J Q	3170 J Q	2870 J Q, E	3270 J Q, E	3450 J Q
Silver	mg/kg	0.0498 J Z	0.0299 J E, Z	0.0375 J E, Z	0.0495 J Z	0.0477 J Z	0.0467 J Z	0.0466 J Z
Sodium	mg/kg	72.2 J Z	98.8 U F, Z	150	84.5 J Z	145	136	82.8 J Z
Strontium	mg/kg	17.6	23.9	33.7	23.8	147 J E	104 J E	27.4
Thallium	mg/kg	0.208	0.211	0.268	0.219	0.248	0.269	0.218
Tin	mg/kg	10.5 U B	9.88 U B	11.1 U B	10.2 U B	11.0 U B	11.5 U B	10.3 U B
Titanium	mg/kg	1050	1070	1230	1150	1070 J E	1350 J E	887
Antimony	mg/kg	0.102 J Q, Z	0.169 J Q, Z	0.226 UJ Q	0.209 UJ Q	0.0855 J Q, Z	0.240 UJ Q	0.0858 J Q, Z
Arsenic	mg/kg	8.07 J Q	15.6	6.77	3.30 J Q	4.84 J Q	5.94 J Q	3.45 J Q
Beryllium	mg/kg	0.373	0.649	0.635	0.328	0.56	0.628	0.412
Barium	mg/kg	72.6 J A	80.2 J E	100 J E	74.2 J A	98.8	110	113 J A
Boron	mg/kg	3.23 J Z	5.58	9.34	3.69 J Z	8.15	9.83	4.59 J Z
Cadmium	mg/kg	0.121	0.2	0.245	0.157	0.280 J E	0.394 J E	0.375
Chromium	mg/kg	14.4 J Q, A	15.5 J A	24.0 J A	13.0 J Q, A	24.4 J Q, E, A	26.9 J Q, E, A	14.3 J Q, A
Cobalt	mg/kg	4.31	5.17	7.34	4.32	6.95	7.41	4.77
Copper	mg/kg	6.96	12.6 J E	11.0 J E	6.62	11.3	12.5	8.39
Vanadium	mg/kg	25.6 J A	40.0 J A	47.9 J A	27.9 J A	47.2	51.1	31.2 J A
Zinc	mg/kg	42.7	72.7	53.1	42.8	46.5	52	50.3
Zirconium	mg/kg	1.76 J Z	3.92 J Z	5.86	1.67 J Z	5.48 U B	5.76 U B	1.90 J Z
Calcium	mg/kg	6550	4660	28300	10600	122000 J E	66100 J E	4120
Phosphorus	mg/kg	379	474	284	357	358 J E	408 J E	460
Selenium	mg/kg	0.120 J Z	0.191 J Z	0.0951 J Z	0.0911 J Z	0.115 J Z	0.0863 J Z	0.126 J Z
Chromium VI	mg/kg	0.43 J Z	1.0 U	1.1 U	0.39 J Z	0.28 J Z	0.27 J Z	0.29 J Z
Perchlorate (314.0)	ug/kg	31.4 U	31.1 U	34.2 U	31.3 U	34.2 U	35.9 U	31.7 U
Perchlorate (6850)	ug/kg	5.2 U	--	--	5.2 U	--	--	5.3 U
Percent Moisture	%	4.6	3.6	12.3	4.3	12.3	16.5	5.3
pH	pH unit	8.08	8.3	7.88	8.35	8.42	8.37	7.77

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-181-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-181-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-182-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-182-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-182-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-183-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-183-SA5DN-SB-4.0-5.0 07/28/2011 DE211 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	4.6 J Q	9.6 J Q	2	2.7 J Q	5.7 J Q	1.0 U	6.6 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	28000	25700	15200	36400	32900	10100	33000
Iron	mg/kg	33200	26300	22200	37700	41100	18800	32600
Lead	mg/kg	7.87 J Q, A	10.6 J Q, A	9.67 J Q, A	11.7 J Q, A	13.4 J Q, A	4.85 J Q, A	9.43
Lithium	mg/kg	32.2	26	19.9	31.7	33.4	30.8	30.7
Magnesium	mg/kg	7390	7530	5250	7800	9350	5430	7770
Manganese	mg/kg	342	340	308	486	357	280	387
Mercury	mg/kg	0.110 U	0.112 U	0.102 U	0.110 U	0.115 U	0.0965 U	0.0120 J Z
Molybdenum	mg/kg	0.429	1	2.69	0.988	0.792	0.458	0.557
Nickel	mg/kg	20.5 J Q, A	23.8 J Q, A	27.7 J Q	30.9 J Q, A	35.2 J Q, A	8.89 J Q	23.6
Potassium	mg/kg	3060	3220	3190 J Q	4680	3310	3140 J Q	3800 J Q
Silver	mg/kg	0.0381 J Z	0.0476 J Z	0.0367 J Z	0.123	0.0687 J Z	0.115	0.0438 J Z
Sodium	mg/kg	227	192	96.7 J Z	224	122	104	144
Strontium	mg/kg	36.3	129	32.2	31.9	46.9	15.3	36.1
Thallium	mg/kg	0.321	0.378	0.219	0.438	0.45	0.232	0.358
Tin	mg/kg	10.9 U B	11.6 U B	10.3 U B	11.2 U B	11.6 U B	9.96 U B	10.8 U B
Titanium	mg/kg	1250	1120	1070	806	1230	1030	1330
Antimony	mg/kg	0.223 UJ B, Q, E	0.234 UJ B, Q, E	0.136 J Q, Z	0.221 UJ B, Q, E	0.232 UJ B, Q, E	0.203 UJ Q	0.167 J Q, Z
Arsenic	mg/kg	11.4 J A	11.9 J A	4.52 J Q	10.2 J A	12.2 J A	5.67 J Q	8.65
Beryllium	mg/kg	0.785	0.858	0.432	1.16	1.17	0.372	0.841
Barium	mg/kg	94.5 J A	140 J A	109 J A	172 J A	145 J A	71.2 J A	134
Boron	mg/kg	11.9	13.6	3.95 J Z	13.8	15.4	3.11 J Z	5.10 J Z
Cadmium	mg/kg	0.200 J E	0.390 J E	0.989	0.368 J E	0.406 J E	0.131	0.272
Chromium	mg/kg	35.0 J Q, A	44.1 J Q, A	38.1 J Q, A	51.1 J Q, A	57.6 J Q, A	13.0 J Q, A	31.9 J *#
Cobalt	mg/kg	10.4 J A	11.3 J A	9.04	14.0 J A	17.0 J A	4.56	10.3
Copper	mg/kg	15.2 J Q, A	20.6 J Q, A	15.4	21.6 J Q, A	25.4 J Q, A	11	15.6
Vanadium	mg/kg	66.5 J A	85.9 J A	41.5 J A	88.3 J A	103 J A	24.3 J A	62.0 J *#
Zinc	mg/kg	73.1	79.9	62.9	93.4	107	48	70.1
Zirconium	mg/kg	5.21 J Z	4.48 J Z	1.92 J Z	4.95 J Z	4.62 J Z	4.98 U	6.14
Calcium	mg/kg	11600	90700	8920	7390	11400	5620	16500
Phosphorus	mg/kg	281	412	427	316	358	401	281
Selenium	mg/kg	0.148 J Z	0.270 J Z	0.112 J Z	0.241 J Z	0.210 J Z	0.142 J Z	0.171 J Z
Chromium VI	mg/kg	0.41 J Z	1.2 U	0.48 J Z	0.62 J Z	1.2 U	1.0 U	0.24 J Z
Perchlorate (314.0)	ug/kg	33.8 U	35.8 U	31.8 U	34.5 U	35.8 U	30.8 U	33.7 U
Perchlorate (6850)	ug/kg	--	6.0 U	5.3 U	--	--	5.1 U	--
Percent Moisture	%	11.3	16.2	5.8	13.1	16.2	2.5	10.9
pH	pH unit	8.26	8.29	8.2	8.15	7.94	8.13	8.2

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-183-SA5DN-SB-9.0-10.0 07/28/2011 DE211 9 10	SL-184-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-184-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-184-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-185-SA5DN-SS-0.0-0.5 05/24/2011 DE163 0 0.5	SL-185-SA5DN-SB-4.0-5.0 08/04/2011 DE216 4 5	SL-185-SA5DN-SB-9.0-10.0 08/04/2011 DE216 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	6.8 J Q	1.1 U	2.5 J Q	4.2 J Q	1.1 J Q	7.1 J Q	10.5 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	32200	15200	35500	39400	25300	33400	21900
Iron	mg/kg	28400	23100	34100	34300	32400	37700	24100
Lead	mg/kg	8.27	9.63 J Q, A	17.0 J Q, A	13.6 J Q, A	17.0 J Q	12.5 J E, *#	6.81 J E, *#
Lithium	mg/kg	29.6	16.6	31.7	34.7	30.1	28	19.6
Magnesium	mg/kg	5760	5230	8030	7130	8570	7560	4690
Manganese	mg/kg	190	299	386	451	411	460	255
Mercury	mg/kg	0.0157 J Z	0.0344 J Z	0.112 U	0.0102 J Z	0.109 UJ E	0.114 U	0.110 U
Molybdenum	mg/kg	0.405	8.06	0.967	1.15	0.355	0.551	0.306
Nickel	mg/kg	17.3	13.9 J Q	37.2 J Q, A	32.7 J Q, A	19.2 J Q	29.6 J E, Q, *#	16.5 J E, Q, *#
Potassium	mg/kg	2410 J Q	3200 J Q	5000	3900	2810	3600	2320
Silver	mg/kg	0.0536 J Z	0.0547 J Z	0.0888 J Z	0.114	0.0203 J Z	0.0517 J E, Z	0.0472 J E, Z
Sodium	mg/kg	144	78.2 J Z	123	124	94.1 J Z	115	92.5 J Z
Strontium	mg/kg	33.3	41.3	47.7	53.4	32.2 J E	46.2	34
Thallium	mg/kg	0.312	0.262	0.495	0.397	0.196	0.405 J Q, E	0.297 J Q, E
Tin	mg/kg	11.4 U B	10.2 U B	11.2 U B	11.3 U B	11.1 U B	11.3 U B	11.3 U B
Titanium	mg/kg	1250	940	1170	1330	1160	1330	1090
Antimony	mg/kg	0.0991 J Q, Z	0.133 J Q, Z	0.226 UJ B, Q, E	0.225 UJ B, Q, E	0.186 J Q, Z	0.184 J Q, Z	0.0874 J Q, Z
Arsenic	mg/kg	9.5	4.27 J Q	12.5 J A	13.2 J A	3.95 J Q	7.78 J E, Q	5.85 J E, Q
Beryllium	mg/kg	0.828	0.523	1.1	1.28	0.442	1.15 J E, Q	0.801 J E, Q
Barium	mg/kg	111	122 J A	202 J A	201 J A	88.9	182 J E, *#	97.6 J E, *#
Boron	mg/kg	5.68 U B	3.51 J Z	15.4	13	3.78 J Z	12.4	7.82
Cadmium	mg/kg	0.0663 J Z	1.25	0.588 J E	0.250 J E	0.195	0.314	0.153
Chromium	mg/kg	26.0 J *#	19.1 J Q, A	59.7 J Q, A	52.1 J Q, A	32.9 J A	48.0 J E, *#	28.3 J E, *#
Cobalt	mg/kg	5.85	8.22	17.2 J A	18.3 J A	10.8	13.7 J E, *#	7.19 J E, *#
Copper	mg/kg	11.5	11.9	28.7 J Q, A	21.5 J Q, A	13.3 J E, Q	20.4 J E, Q, *#	12.2 J E, Q, *#
Vanadium	mg/kg	49.4 J *#	44.1 J A	110 J A	95.8 J A	53.5 J A	87.2 J E, *#	52.1 J E, *#
Zinc	mg/kg	55.8	59.9	113	83.5	62.8	88.2 J E, *#	54.9 J E, *#
Zirconium	mg/kg	5.06 J Z	1.87 J Z	3.75 J Z	5.15 J Z	1.21 J Z	4.39 J E, Z	1.62 J E, Z
Calcium	mg/kg	15400	11700	34600	10300	17100 J E	12300	79700
Phosphorus	mg/kg	110	503	568	149	449 J E	343 J Q	246 J Q
Selenium	mg/kg	0.0798 J Z	0.252 J Z	0.288 J Z	0.124 J Z	0.0850 J Z	0.104 J Z	0.440 U
Chromium VI	mg/kg	0.24 J Z	0.30 J Z	0.70 J Z	0.54 J Z	0.62 J Z	1.1 U	1.1 U
Perchlorate (314.0)	ug/kg	34.4 U	31.8 U	34.2 U	35.0 U	33.3 U	34.4 U	34.3 U
Perchlorate (6850)	ug/kg	5.7 U	5.3 U	--	--	--	--	--
Percent Moisture	%	12.8	5.8	12.4	14.4	9.8	12.9	12.5
pH	pH unit	8.05	8.06	8.13	7.99	8.3	8.08	8.13

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-186-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-186-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5	SL-186-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10	SL-187-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-187-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-187-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-188-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	22.5	3.2	6.1	--	--	--	--
Fluoride	mg/kg	1.5 J Q	3.6 J Q	5.3 J Q	1.9 J Q	2.3 J Q	2.5 J Q	2.4 J Q
Cyanide	mg/kg	0.56 U	0.58 U	0.54 U	--	--	--	--
Aluminum	mg/kg	29700	30700	29300	27400	34800	33500	28700
Iron	mg/kg	35300	32200	30400	30100	34700	32300	30700
Lead	mg/kg	16.5 J Q, E, A	13.3	7.29	20.3 J Q, E, A	12.6 J Q, A	13.3 J Q, A	14.1 J Q, E, A
Lithium	mg/kg	26.3	28.2	26.6	24.5	27.3	23.5	25
Magnesium	mg/kg	7790	7130	5920	7400	6960	5780	6710
Manganese	mg/kg	477	464	414	499	499	382	460
Mercury	mg/kg	0.113 U	0.114 U	0.112 U	0.0084 J Z	0.112 U	0.0174 J Z	0.114 U
Molybdenum	mg/kg	0.751	0.755	0.666	0.82	0.807	1.11	0.673
Nickel	mg/kg	26.1 J Q, E, A	32.3	19.5	28.0 J Q, E, A	30.8 J Q, A	35.9 J Q, A	22.9 J Q, E, A
Potassium	mg/kg	8210	5400	3600	8230	5770	3310	6840
Silver	mg/kg	0.0583 J Z	0.0621 J Z	0.0407 J Z	0.0616 J Z	0.0539 J Z	0.0786 J Z	0.0410 J Z
Sodium	mg/kg	103 J Z	114	111 J Z	123 J Z	106 J Z	99.9 J Z	82.0 J Z
Strontium	mg/kg	44.3	48	34.9	36	33.5	36.2	30.6
Thallium	mg/kg	0.449	0.524	0.326	0.481	0.454	0.428	0.438
Tin	mg/kg	11.3 U B	11.3 U B	11.3 U B	12.6 U B	11.1 U B	11.4 U B	11.1 U B
Titanium	mg/kg	1480 J E	1540	1450	1510 J E	1210	1390	1550 J E
Antimony	mg/kg	0.208 J Q, Z	0.242	0.148 J Z	0.243 J Q, Z	0.225 UJ B, Q, E	0.233 UJ B, Q, E	0.133 J Q, Z
Arsenic	mg/kg	7.54 J Q	8.73	8.17	7.81 J Q	7.72 J A	11.5 J A	6.79 J Q
Beryllium	mg/kg	0.703 J Q	1.29	0.911	0.726 J Q	1.22	1.45	0.773 J Q
Barium	mg/kg	154 J E, A	197	102	173 J E, A	198 J A	194 J A	151 J E, A
Boron	mg/kg	15.4	5.67 U	5.67 U	16.7	12.3	9.36	10.9
Cadmium	mg/kg	0.537	0.556	0.192	0.98	0.442 J E	0.193 J E	0.36
Chromium	mg/kg	36.8 J Q, A	52.9	32.2	37.7 J Q, A	50.8 J Q, A	54.7 J Q, A	31.6 J Q, A
Cobalt	mg/kg	12.7 J E, A	16.3	7.91	13.9 J E, A	16.0 J A	19.5 J A	11.6 J E, A
Copper	mg/kg	23.1 J Q, E, A	26.9	15.6	25.5 J Q, E, A	23.9 J Q, A	27.7 J Q, A	19.4 J Q, E, A
Vanadium	mg/kg	69.3 J Q, A	101	59.8	70.5 J Q, A	95.1 J A	102 J A	60.7 J Q, A
Zinc	mg/kg	101 J E	104	64.4	128 J E	101	92.8	86.1 J E
Zirconium	mg/kg	2.59 J Z	5.82	7.35	3.18 J Z	4.71 J Z	4.55 J Z	3.35 J Z
Calcium	mg/kg	14600	24800	6420	8690	10500	7980	6500
Phosphorus	mg/kg	818	453	359	814	349	330	580
Selenium	mg/kg	0.287 J Z	0.210 J Z	0.0985 J Z	0.324 J Z	0.141 J Z	0.0827 J Z	0.247 J Z
Chromium VI	mg/kg	0.75 J Z	0.90 J Z	0.44 J Z	1.3 U	0.74 J Z	0.62 J Z	1.2 U
Perchlorate (314.0)	ug/kg	34.3 U	35.0 U	34.4 U	38.3 U	34.4 U	35.0 U	34.5 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	12.5	14.4	12.7	21.6	12.7	14.3	13.1
pH	pH unit	7.81	7.95	7.86	7.18	7.95	7.92	7.68

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-188-SA5DN-SB-4.0-5.0 08/03/2011 DE215 4 5	SL-188-SA5DN-SB-9.0-10.0 08/03/2011 DE215 9 10	SL-189-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-189-SA5DN-SB-4.0-5.0 08/04/2011 DE216 4 5	SL-189-SA5DN-SB-9.0-10.0 08/04/2011 DE216 9 10	SL-190-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-190-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	3.6 J E, Q	7.6 J E, Q	1.2 J Q	2.6 J Q	5.5 J Q	1.2 J Q	3.8 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	31300	28300	32100	29900	32200	31000	34500
Iron	mg/kg	29900	29000	35200	30700	34700	32800	36900
Lead	mg/kg	9.89 J E, A	11.5 J E, A	18.4 J Q, E, A	13.6 J FD, E, *#	13.1 J E, *#	13.1 J Q	10.3 J E, A
Lithium	mg/kg	24.8	20.8	26.9	25.4	24.9	26.4	30.2
Magnesium	mg/kg	5610	4800	8080	6570	6850	8100	7720
Manganese	mg/kg	374	498	464	385	430	492	448
Mercury	mg/kg	0.0080 J Z	0.0222 J Z	0.115 U	0.105 U	0.0089 J Z	0.0176 J Q, E, Z	0.113 U
Molybdenum	mg/kg	0.559	1.09	0.756	0.763 J FD	0.811	0.432	0.489 J Q
Nickel	mg/kg	22.8 J E, Q, A	24.2 J E, Q, A	27.5 J Q, E, A	30.9 J E, Q, *#	29.1 J E, Q, *#	21.3 J Q	23.6 J E, Q, A
Potassium	mg/kg	3240	3240	8450	5170	4440	7720	5330
Silver	mg/kg	0.0624 J E, Z	0.0886 J E, Z	0.0572 J Z	0.0528 J E, Z	0.0543 J E, Z	0.0303 J Z	0.0536 J Q, Z
Sodium	mg/kg	107 J Z	135	94.9 J Z	82.5 J Z	113	96.6 J Z	102 J Z
Strontium	mg/kg	24.9	22.2	50	38	39.8	77.1 J E	41.5
Thallium	mg/kg	0.401 J Q, E	0.374 J Q, E	0.469	0.521 J Q, E	0.447 J Q, E	0.366	0.362
Tin	mg/kg	11.1 U B	11.2 U B	11.4 U B	11.0 U B	11.0 U B	11.3 U B	11.3 U B
Titanium	mg/kg	1230	1170	1540 J E	1380	1140	1320	1560
Antimony	mg/kg	0.118 J Q, Z	0.136 J Q, Z	0.204 J Q, Z	0.283 J FD, Q	0.238 J Q	0.133 J Q, Z	0.292 J Q
Arsenic	mg/kg	7.46 J E, Q	8.25 J E, Q	8.13 J Q	8.34 J E, Q	8.87 J E, Q	6.46 J Q	6.87 J E, A
Beryllium	mg/kg	1.20 J E, Q	1.19 J E, Q	0.781 J Q	1.23 J E, Q	1.27 J E, Q	0.773	0.992 J Q
Barium	mg/kg	161 J E, A	158 J E, A	162 J E, A	191 J E, *#	173 J E, *#	118	131 J E, A
Boron	mg/kg	9.56	8.93	16	12.7	12.4	12	5.66 U
Cadmium	mg/kg	0.154	0.110 J Z	0.442	0.349	0.256	0.42	0.280 J Q
Chromium	mg/kg	36.1 J E, A	39.0 J E, A	41.2 J Q, A	52.7 J FD, E, *#	51.4 J E, *#	30.3 J A	41.0 J E, A
Cobalt	mg/kg	15.6 J E, A	13.5 J E, A	13.7 J E, A	15.2 J E, *#	11.9 J E, *#	10.7	12.0 J E, Q, A
Copper	mg/kg	13.6 J E, Q, A	15.1 J E, Q, A	24.2 J Q, E, A	24.5 J E, Q, *#	23.5 J E, Q, *#	18.4 J E, Q	18.8 J E, Q
Vanadium	mg/kg	68.3 J E, A	72.7 J E, A	78.2 J Q, A	99.8 J FD, E, *#	96.7 J E, *#	57.9 J A	80.3 J E, A
Zinc	mg/kg	75.5 J E, A	74.5 J E, A	128 J E	102 J E, *#	99.5 J E, *#	81.9	75.5 J E, A
Zirconium	mg/kg	1.69 J Z	2.81 J Z	2.88 J Z	2.28 J E, Z	3.11 J E, Z	3.82 J Z	8.28
Calcium	mg/kg	4560	4190	18700	16400	8610	40400 J E	13000
Phosphorus	mg/kg	319 J Q	237 J Q	722	376 J Q	642 J Q	709 J E	325
Selenium	mg/kg	0.108 J Z	0.120 J Z	0.360 J Z	0.279 J FD, Z	0.206 J Z	0.295 J Z	0.233 J Z
Chromium VI	mg/kg	0.53 J Z	11.8	1.2	0.54 J FD, Z	1.2 U	1.2	0.61 J Z
Perchlorate (314.0)	ug/kg	34.5 U	34.4 U	35.3 U	33.0 U	34.6 U	35.5 U	35.0 U
Perchlorate (6850)	ug/kg	--	5.7 U	--	--	--	--	--
Percent Moisture	%	13.1	12.7	14.9	9	13.3	15.5	14.3
pH	pH unit	7.48	7.88	7.91	8.02	7.9	7.9	7.89

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-190-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-191-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-191-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-191-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-192-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-192-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5	SL-192-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	7.2	1.5 J Q, Z	4.3 J Q	56.1	19.7	19.7
Fluoride	mg/kg	10.5 J Q	1.5 J Q	3.4 J Q	14.4 J Q	1.2 J Q	5.0 J Q	10.7 J Q
Cyanide	mg/kg	--	0.53 U	0.58 U	0.57 U	0.23 J Z	0.57 U	0.54 U
Aluminum	mg/kg	34400	22700	34500	36100	24800	34400	31900
Iron	mg/kg	39800	25400	34000	38500	26800	35800	34800
Lead	mg/kg	10.2 J E, A	17.6 J Q, E, A	13.4 J E, A	11.1 J E, A	11.6 J Q, E, A	12.8	12.5
Lithium	mg/kg	28.7	24.3	28.3	28.5	20.1	27.4	28.2
Magnesium	mg/kg	7660	5830	7120	8030	5650	7190	7240
Manganese	mg/kg	467	359	430	517	441	427	485
Mercury	mg/kg	0.0104 J Z	0.0376 J Z	0.114 U	0.0092 J Z	0.116 U	0.113 U	0.0161 J Z
Molybdenum	mg/kg	0.759 J Q	0.743	0.672 J Q	0.486 J Q	0.813	0.682	0.67
Nickel	mg/kg	26.2 J E, Q, A	23.5 J Q, E, A	29.2 J E, Q, A	24.9 J E, Q, A	21.2 J Q, E, A	28.2	29
Potassium	mg/kg	4590	5560	5210	3950	7080	4500	5340
Silver	mg/kg	0.0717 J Q, Z	1.29	0.0485 J Q, Z	0.0486 J Q, Z	0.0815 J Z	0.0538 J Z	0.0996 J Z
Sodium	mg/kg	223	86.1 J Z	105 J Z	449	88.3 J Z	176	236
Strontium	mg/kg	40.1	39.9	42.4	46.5	33.8	44.9	42.5
Thallium	mg/kg	0.36	0.407	0.454	0.388	0.428	0.401	0.486
Tin	mg/kg	11.4 U B	10.8 U B	11.6 U B	11.3 U B	11.8 U B	11.6 U B	11.5 U B
Titanium	mg/kg	1680	1260 J E	1660	1270	1350 J E	1160	1430
Antimony	mg/kg	0.299 J Q	0.250 J Q	0.289 J Q	0.245 J Q	0.248 J Q	0.217 J Z	0.261
Arsenic	mg/kg	7.71 J E, A	7.81 J Q	8.23 J E, A	7.31 J E, A	6.31 J Q	7.31	10.3
Beryllium	mg/kg	1.03 J Q	0.606 J Q	1.30 J Q	1.20 J Q	0.660 J Q	1.19	1.38
Barium	mg/kg	147 J E, A	135 J E, A	178 J E, A	147 J E, A	149 J E, A	178	154
Boron	mg/kg	5.69 U	12.4	5.82 U	5.65 U	13.7	5.82 U	5.74 U
Cadmium	mg/kg	0.275 J Q	0.693	0.331 J Q	0.168 J Q	0.489	0.178	0.132
Chromium	mg/kg	46.0 J E, A	31.7 J Q, A	55.2 J E, A	48.5 J E, A	29.9 J Q, A	45.6	52.9
Cobalt	mg/kg	12.6 J E, Q, A	11.1 J E, A	16.3 J E, Q, A	11.1 J E, Q, A	11.5 J E, A	19.9	13.7
Copper	mg/kg	21.1 J E, Q	23.8 J Q, E, A	25.2 J E, Q	20.2 J E, Q	19.4 J Q, E, A	19.1	22.3
Vanadium	mg/kg	88.4 J E, A	57.2 J Q, A	110 J E, A	92.4 J E, A	56.7 J Q, A	83.7	96.1
Zinc	mg/kg	81.6 J E, A	101 J E	94.3 J E, A	82.1 J E, A	89.4 J E	82.5	92.5
Zirconium	mg/kg	9.21	1.78 J Z	8.04	7.92	2.88 J Z	7.15	7.19
Calcium	mg/kg	8720	13000	12800	8350	6570	6270	5570
Phosphorus	mg/kg	383	528	242	219	627	202	331
Selenium	mg/kg	0.136 J Z	0.327 J Z	0.218 J Z	0.160 J Z	0.230 J Z	0.138 J Z	0.131 J Z
Chromium VI	mg/kg	0.44 J Z	0.69 J Z	0.61 J Z	0.61 J Z	0.78 J Z	0.45 J Z	0.41 J Z
Perchlorate (314.0)	ug/kg	35.2 U	32.8 U	34.9 U	35.3 U	36.9 U	34.9 U	35.1 U
Perchlorate (6850)	ug/kg	--	--	4.8 J Z	--	--	--	--
Percent Moisture	%	14.7	8.4	14.1	14.9	18.7	14.1	14.6
pH	pH unit	7.93	8.14	7.9	7.96	7.48	7.66	7.69

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Sample Name Sample Date SDG Start Depth End Depth		SL-193-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-193-SA5DN-SB-4.0-5.0 08/03/2011 DE215 4 5	SL-193-SA5DN-SB-9.0-10.0 08/03/2011 DE215 9 10	SL-194-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-194-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5	SL-194-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10	SL-195-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.2 J Q	3.9 J E, Q	4.6 J E, Q	1.6 J Q	2.1 J Q	5.9 J Q	1.3 UJ Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	21000	27600	30900	26000	29000	37000	20400
Iron	mg/kg	25200	29700	31700	28800	31800	31200	25200
Lead	mg/kg	16.7 J Q, E, A	12.8 J E, A	9.46 J E, A	122 J Q, E, A	13	10.5	18.5 J Q, E, A
Lithium	mg/kg	24.8	22.8	23.5	21.4	25.9	25	25.3
Magnesium	mg/kg	6920	5870	6550	6630	6550	5630	5570
Manganese	mg/kg	382	540	381	492	519	198	398
Mercury	mg/kg	0.107 U	0.107 U	0.110 U	0.123 U	0.114 U	0.0220 J Z	0.0415 J Z
Molybdenum	mg/kg	0.838	0.845	0.374	0.788	0.743	1.07	1.19
Nickel	mg/kg	37.5 J Q, E, A	31.8 J E, Q, A	22.0 J E, Q, A	23.6 J Q, E, A	32.6	25.2	29.1 J Q, E, A
Potassium	mg/kg	5560	4090	3570	7720	5080	3110	5640
Silver	mg/kg	0.792	0.503 J E	0.179 J E	0.0541 J Z	0.0718 J Z	0.112 J Z	2.6
Sodium	mg/kg	87.7 J Z	129	160	74.0 J Z	112	143	90.1 J Z
Strontium	mg/kg	38.3	29.6	33.8	35.6	27.8	28.7	30.1
Thallium	mg/kg	0.338	0.432 J Q, E	0.381 J Q, E	0.451	0.488	0.383	0.454
Tin	mg/kg	10.6 U B	10.8 U B	11.0 U B	12.4 U B	11.1 U B	11.6 U B	12.3 U B
Titanium	mg/kg	1280 J E	1230	1260	1440 J E	1400	1370	1200 J E
Antimony	mg/kg	0.145 J Q, Z	0.170 J Q, Z	0.133 J Q, Z	41.4 J Q	0.27	0.206 J Z	0.273 J Q
Arsenic	mg/kg	6.95 J Q	7.02 J E, Q	6.80 J E, Q	6.50 J Q	8.86	8.87	9.55 J Q
Beryllium	mg/kg	0.589 J Q	1.10 J E, Q	1.01 J E, Q	0.693 J Q	1.26	1.39	0.718 J Q
Barium	mg/kg	126 J E, A	185 J E, A	138 J E, A	164 J E, A	141	173	152 J E, A
Boron	mg/kg	9.35	10.1	10.3	13.8	5.53 U	5.79 U	10.1
Cadmium	mg/kg	0.516	0.378	0.119	0.563	0.355	0.104 J Z	0.837
Chromium	mg/kg	35.1 J Q, A	44.7 J E, A	37.2 J E, A	33.6 J Q, A	51.7	45.7	29.7 J Q, A
Cobalt	mg/kg	10.3 J E, A	13.7 J E, A	9.85 J E, A	11.9 J E, A	16.5	8.85	13.3 J E, A
Copper	mg/kg	27.8 J Q, E, A	24.9 J E, Q, A	14.7 J E, Q, A	23.0 J Q, E, A	25.1	20.1	24.1 J Q, E, A
Vanadium	mg/kg	49.3 J Q, A	77.8 J E, A	66.8 J E, A	61.8 J Q, A	96.6	79.7	51.3 J Q, A
Zinc	mg/kg	88.8 J E	116 J E, A	71.1 J E, A	96.7 J E	109	72.4	112 J E
Zirconium	mg/kg	2.08 J Z	1.81 J Z	2.50 J Z	3.93 J Z	7.5	7.21	1.69 J Z
Calcium	mg/kg	4920	4010	4440	7400	5160	4920	5710
Phosphorus	mg/kg	636	268 J Q	188 J Q	711	370	247	639
Selenium	mg/kg	0.200 J Z	0.113 J Z	0.0753 J Z	0.302 J Z	0.114 J Z	0.0883 J Z	0.236 J Z
Chromium VI	mg/kg	1.1 U	0.57 J Z	0.51 J Z	0.60 J Z	0.49 J Z	0.64 J Z	1.3 U
Perchlorate (314.0)	ug/kg	32.7 U	33.8 U	34.6 U	37.6 U	34.5 U	35.4 U	37.7 U
Perchlorate (6850)	ug/kg	--	--	5.8 U	--	--	--	--
Percent Moisture	%	8.3	11.3	13.4	20.3	13.1	15.3	20.5
pH	pH unit	7.02	7.46	7.17	7.19	7.25	7.79	7.16

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-195-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5	SL-195-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10	SL-196-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-196-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-196-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-197-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-197-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	14.9	2.4
Fluoride	mg/kg	3.3 J Q	5.9 J Q	2.2 J Q	2.1 J Q	6.0 J Q	1.4 J Q	3.7 J Q
Cyanide	mg/kg	--	--	--	--	--	0.58 U	0.59 U
Aluminum	mg/kg	31600	35400	30100	38600	38600	29900	37100
Iron	mg/kg	32900	36600	32000	40300	38100	32100	39000
Lead	mg/kg	14.2	15.8	16.9 J Q, E, A	10.4 J Q, A	13.0 J Q, A	17.8 J Q, E, A	11.3 J Q, A
Lithium	mg/kg	26.7	32.2	24.9	29.3	29.9	25.9	29.5
Magnesium	mg/kg	6650	7870	7170	8010	8020	7480	8360
Manganese	mg/kg	451	391	508	494	193	487	490
Mercury	mg/kg	0.114 U	0.103 J Z	0.109 U	0.111 U	0.111 U	0.0083 J Z	0.115 U
Molybdenum	mg/kg	0.721	0.645	0.697	0.417	0.374	0.763	0.435
Nickel	mg/kg	33.8	35.1	28.1 J Q, E, A	23.5 J Q, A	31.0 J Q, A	26.6 J Q, E, A	26.5 J Q, A
Potassium	mg/kg	5250	4530	7700	5260	2690	8590	5110
Silver	mg/kg	0.0814 J Z	0.0765 J Z	0.109 J Z	0.0604 J Z	0.126	0.116	0.0502 J Z
Sodium	mg/kg	124	142	92.1 J Z	139	112 J Z	81.0 J Z	131
Strontium	mg/kg	36.4	44.5	35.7	37.8	42.2	35.3	51
Thallium	mg/kg	0.483	0.514	0.502	0.377	0.439	0.468	0.371
Tin	mg/kg	11.4 U B	12.1 U B	11.2 U B	11.1 U B	11.4 U B	11.5 U B	11.6 U B
Titanium	mg/kg	1650	1690	1490 J E	1200	828	1430 J E	1130
Antimony	mg/kg	0.298	0.309	0.195 J Q, Z	0.220 UJ B, Q, E	0.227 UJ B, Q, E	0.180 J Q, Z	0.231 UJ B, Q, E
Arsenic	mg/kg	9.12	9.37	7.41 J Q	5.87 J A	10.3 J A	7.77 J Q	6.40 J A
Beryllium	mg/kg	1.39	1.38	0.742 J Q	1.03	1.59	0.738 J Q	1.06
Barium	mg/kg	149	196	190 J E, A	157 J A	187 J A	167 J E, A	154 J A
Boron	mg/kg	5.69 U	6.03 U	13.6	13.8	10.8	14.9	14.1
Cadmium	mg/kg	0.429	0.293	0.58	0.297 J E	0.259 J E	0.641	0.371 J E
Chromium	mg/kg	59.9	65.2	39.4 J Q, A	40.0 J Q, A	60.5 J Q, A	37.6 J Q, A	45.3 J Q, A
Cobalt	mg/kg	17.8	23.2	14.2 J E, A	12.8 J A	15.3 J A	13.2 J E, A	13.7 J A
Copper	mg/kg	26.6	26.6	24.5 J Q, E, A	18.8 J Q, A	26.3 J Q, A	24.0 J Q, E, A	21.6 J Q, A
Vanadium	mg/kg	113	121	72.8 J Q, A	67.0 J A	109 J A	71.0 J Q, A	83.6 J A
Zinc	mg/kg	107	109	108 J E	83	90.6	110 J E	85.4
Zirconium	mg/kg	8.16	9.23	2.41 J Z	6.03	5.25 J Z	3.34 J Z	5.00 J Z
Calcium	mg/kg	11900	8490	7510	8750	10900	7370	12100
Phosphorus	mg/kg	292	291	542	329	176	619	314
Selenium	mg/kg	0.200 J Z	0.0806 J Z	0.291 J Z	0.118 J Z	0.0989 J Z	0.348 J Z	0.148 J Z
Chromium VI	mg/kg	0.61 J Z	0.65 J Z	1.2 U	1.9	1.2 U	1.2 U	0.88 J Z
Perchlorate (314.0)	ug/kg	35.2 U	36.2 U	34.6 U	34.3 U	34.7 U	35.0 U	35.3 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	5.9 U
Percent Moisture	%	14.7	17.1	13.4	12.5	13.5	14.2	15
pH	pH unit	7.84	8.42	7.82	7.83	8	7.41	7.98

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-197-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-198-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-198-SA5DN-SB-4.0-5.0 08/05/2011 DE218 4 5	SL-198-SA5DN-SB-9.0-10.0 08/05/2011 DE218 9 10	SL-199-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-199-SA5DN-SB-4.0-5.0 07/11/2011 DE197 4 5	SL-199-SA5DN-SB-9.0-10.0 07/11/2011 DE197 9 10
Chemical Name	Unit							
Nitrate	mg/kg	1.7 J Z	11.9	11	2.5	--	--	--
Fluoride	mg/kg	4.5 J Q	1.1 J Q	2.4 J Q	11.3 J Q	1.2 J Q	4.2 J Q	6.4 J Q
Cyanide	mg/kg	0.60 U	0.53 U	0.57 U	0.54 U	--	--	--
Aluminum	mg/kg	44900	19700	29800	25200	20900	33000	29000
Iron	mg/kg	39900	26600	32400	28900	24300	35800 J E	31500 J E
Lead	mg/kg	10.4 J Q, A	12.6 J Q, E, A	15.2 J Q, E	8.65 J Q, E	13.7 J Q	10.3 J E	8.44 J E
Lithium	mg/kg	33.1	31.8	28.1	27.2	22.9	28.9	29.9
Magnesium	mg/kg	8270	6100	7100	7130	5190	7910	7990
Manganese	mg/kg	292	336	455	350	393	455 J E	422 J E
Mercury	mg/kg	0.0119 J Z	0.152	0.0314 J Z	0.0120 J Z	0.0500 J Q, E, Z	0.111 U	0.108 U
Molybdenum	mg/kg	0.418	1.19	0.551 J Q	0.221 J Q	0.598	0.353 J E, Q	0.196 J E, Q
Nickel	mg/kg	20.6 J Q, A	22.6 J Q, E, A	33.6 J Q	19.4 J Q	14.5 J Q	24.3 J Q, E	20.1 J Q, E
Potassium	mg/kg	3160	4660	4730	3600	5420	5170	3740
Silver	mg/kg	0.0682 J Z	1.88	0.115 J Q	0.0482 J Q, Z	0.127	0.0436 J Z	0.0386 J Z
Sodium	mg/kg	199	112	197	417	67.2 J Z	131	212
Strontium	mg/kg	54.5	23.3	35.9	99.6	25.5 J E	40.4	119
Thallium	mg/kg	0.349	0.325	0.517 J Q	0.318 J Q	0.272	0.385	0.278
Tin	mg/kg	11.6 U B	10.6 U B	11.4 U B	10.8 U B	10.9 U B	11.4 U B	10.8 U B
Titanium	mg/kg	638	1240 J E	1240	1150	1180	949	1120
Antimony	mg/kg	0.234 UJ B, Q, E	0.167 J Q, Z	0.221 UJ B, Q	0.220 UJ Q	0.108 J Q, Z	0.135 J E, Q, Z	0.0953 J E, Q, Z
Arsenic	mg/kg	6.88 J A	6.55 J Q	7.72 J Q, E	5.36 J Q, E	3.75 J Q	5.67	5.47
Beryllium	mg/kg	1.01	0.567 J Q	1.17 J E, Q	0.683 J E, Q	0.551	1.06	0.819
Barium	mg/kg	139 J A	148 J E, A	197 J E	101 J E	112	144	121
Boron	mg/kg	12.2	6.97	12.7	13.4	4.28 J Z	5.72 U	5.40 U
Cadmium	mg/kg	0.0942 J E, Z	0.526	0.474 J Q	0.292 J Q	0.44	0.330 J Q	0.318 J Q
Chromium	mg/kg	45.2 J Q, A	26.9 J Q, A	42.6 J Q	27.2 J Q	18.8 J A	41.5 J Q	34.9 J Q
Cobalt	mg/kg	9.78 J A	8.31 J E, A	17.1 J E, Q	9.87 J E, Q	6.68	11.8	9.1
Copper	mg/kg	19.9 J Q, A	20.4 J Q, E, A	19.3	16.1	12.6 J E, Q	18.3 J E	16.9 J E
Vanadium	mg/kg	79.5 J A	42.8 J Q, A	76.6 J Q	51.2 J Q	34.4 J A	76.6 J Q, E	67.1 J Q, E
Zinc	mg/kg	68.3	142 J E	107 J E	59.6 J E	66.4	78.2 J A	64.8 J A
Zirconium	mg/kg	5.34 J Z	1.34 J Z	7.24	6.85	2.47 J Z	7.95	7.78
Calcium	mg/kg	13500	4450	6330 J E	54600 J E	3790 J E	9760 J E	68900 J E
Phosphorus	mg/kg	152	559	346 J Q	454 J Q	523 J E	307 J E	440 J E
Selenium	mg/kg	0.467 U	0.133 J Z	0.251 J Q, Z	0.0819 J Q, Z	0.150 J Z	0.160 J Z	0.0894 J Z
Chromium VI	mg/kg	0.63 J Z	1.1 U	0.52 J Z	1.1 U	0.75 J Z	0.51 J Z	0.35 J Z
Perchlorate (314.0)	ug/kg	36.1 U	33.1 U	34.9 U	33.4 U	33.0 U	35.0 U	33.7 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	16.9	9.3	14	10.1	9	14.3	10.9
pH	pH unit	8.11	7.55	7.28	8.45	6.39	8.09	8.54

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-200-SA5DN-SS-0.0-0.5 05/25/2011 DE164 0 0.5	SL-200-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-200-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-201-SA5DN-SS-0.0-0.5 05/25/2011 DE164 0 0.5	SL-201-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-201-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-202-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.4 J Q	2.8 J Q	6.1 J Q	1.2 UJ FD, Q	3.3 J Q	11.9 J Q	3.7 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	29100	32200	36400	27600	32400	31900	24000
Iron	mg/kg	36300	33100	38700	33800	37900	37000	29700
Lead	mg/kg	12.7 J E	14.3 J E, A	13.8 J E, A	13.9 J E	12.1 J E, A	12.3 J E, A	11.4 J Q, A
Lithium	mg/kg	25.2	28.3	33.2	23.2	29.9	31.5	21.2
Magnesium	mg/kg	8480	7780	8640	8020	8250	8540	6770
Manganese	mg/kg	466	443	463	440	464	383	423
Mercury	mg/kg	0.0267 J Z	0.111 U	0.113 U	0.0165 J Z	0.116 U	0.110 U	0.109 U B
Molybdenum	mg/kg	0.533 J E	0.688 J Q	1.55 J Q	0.483 J E	0.498 J Q	0.653 J Q	0.701 J Q
Nickel	mg/kg	21.7	31.9 J E, Q, A	32.7 J E, Q, A	20.9	27.4 J E, Q, A	30.8 J E, Q, A	16.5 J Q, A
Potassium	mg/kg	8260	6100	4870	7380	4980	4600	4100 J Q
Silver	mg/kg	0.0420 J Z	0.0445 J Q, Z	0.0454 J Q, Z	0.0461 J Z	0.0702 J Q, Z	0.0688 J Q, Z	0.0383 J Q, Z
Sodium	mg/kg	91.6 J Z	93.2 J Z	191	121	114 J Z	193	131
Strontium	mg/kg	42.1	43.8	45.7	73.6	45.3	35.6	39.5
Thallium	mg/kg	0.367	0.529	0.431	0.401	0.402	0.416	0.397 J Q
Tin	mg/kg	11.3 U B	11.1 U B	11.6 U B	11.6 U B	11.6 U B	11.7 U B	11.1 U B
Titanium	mg/kg	1220	1570	1660	1210	1240	1370	1160
Antimony	mg/kg	0.291 J Q	0.337 J Q	0.395 J Q	0.291 J Q	0.263 J Q	0.204 J Q, Z	0.296
Arsenic	mg/kg	6.64 J E	9.25 J E, A	10.0 J E, A	6.40 J E	7.87 J E, A	9.35 J E, A	8.18 J Q
Beryllium	mg/kg	0.742	1.30 J Q	1.27 J Q	0.724	1.10 J Q	1.25 J Q	0.624 J Q
Barium	mg/kg	115	180 J E, A	155 J E, A	118	144 J E, A	155 J E, A	140
Boron	mg/kg	22	5.57 U	5.82 U	21.9	5.79 U	5.84 U	23
Cadmium	mg/kg	0.424	0.454 J Q	0.324 J Q	0.387	0.298 J Q	0.297 J Q	0.320 J Q
Chromium	mg/kg	30.1 J *#	56.4 J E, A	56.3 J E, A	29.4 J *#	47.2 J E, A	56.5 J E, A	27.1 J Q, A
Cobalt	mg/kg	10.9	17.1 J E, Q, A	17.0 J E, Q, A	10.7	14.9 J E, Q, A	15.2 J E, Q, A	8.31 J Q, A
Copper	mg/kg	19.6	26.7 J E, Q	25.4 J E, Q	18.5	21.6 J E, Q	26.5 J E, Q	18.1 J Q, A
Vanadium	mg/kg	55.6 J *#	108 J E, A	97.3 J E, A	55.1 J *#	91.2 J E, A	108 J E, A	60.6 J A
Zinc	mg/kg	83.7	109 J E, A	102 J E, A	81.4	90.1 J E, A	99.5 J E, A	86.5 J A
Zirconium	mg/kg	1.80 J Z	6.38	9.49	2.13 J FD, Z	8.35	8.18	2.83 J Z
Calcium	mg/kg	15400	19900	10600	34400	12400	7100	8040
Phosphorus	mg/kg	757	440	329	694	288	382	446
Selenium	mg/kg	0.310 J Z	0.243 J Z	0.192 J Z	0.316 J Z	0.258 J Z	0.179 J Z	0.143 J Z
Chromium VI	mg/kg	0.94 J Z	0.58 J Z	0.45 J Z	1.2 UJ FD	0.67 J Z	0.35 J Z	0.35 J Z
Perchlorate (314.0)	ug/kg	34.7 U	34.8 U	35.3 U	35.5 U	35.1 U	35.4 U	33.7 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	13.5	13.7	14.9	15.5	14.5	15.3	11.1
pH	pH unit	7.99	7.88	8.11	8.09	7.99	7.88	7.97

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Sample Name Sample Date SDG Start Depth End Depth		SL-202-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-202-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-203-SA5DN-SS-0.0-0.5 05/24/2011 DE161 0 0.5	SL-203-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-203-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-204-SA5DN-SS-0.0-0.5 05/24/2011 DE161 0 0.5	SL-204-SA5DN-SB-4.0-5.0 08/04/2011 DE216 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	5.6 J Q	6.9 J Q	1.9 J Q	1.7 J Q	9.1 J Q	2.6 J Q	3.7 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	38800	29400	27500 J A	34200	34100	34700 J A	31200
Iron	mg/kg	42300	33400	28300	36900	33000	34100	32500
Lead	mg/kg	16.1 J E, Q	10.6 J E, Q	10.3 J Q, E, A	10.4 J Q, A	9.49 J Q, A	10.9 J Q, E, A	14.3 J E, *#
Lithium	mg/kg	32.1	24.8	22.3	27.1	23.6	28.9	25.5
Magnesium	mg/kg	9350	6390	6380 J A	7620	6740	7950 J A	7250
Manganese	mg/kg	596	440	468 J A	468	151	513 J A	453
Mercury	mg/kg	0.120 U	0.114 U	0.0114 J Z	0.116 U	0.109 U	0.112 U	0.110 U
Molybdenum	mg/kg	0.434	0.391	0.374	0.428	0.34	0.412	1.03
Nickel	mg/kg	35.5	21.6	14.9 J Q, E, A	26.1 J Q, A	19.2 J Q, A	22.6 J Q, E, A	27.7 J E, Q, *#
Potassium	mg/kg	4230 J Q	3480 J Q	7390 J Q	4770	2460	6760 J Q	5860
Silver	mg/kg	0.0636 J Z	0.0593 J Z	0.0372 J Z	0.0459 J Z	0.0183 J Z	0.0635 J Z	0.0757 J E, Z
Sodium	mg/kg	258	223	79.5 J Z	134	333	103 J Z	78.2 J Z
Strontium	mg/kg	49.8	37.3	33.4 J A	44.2	48.5	40.3 J A	36.5
Thallium	mg/kg	0.471	0.347	0.272	0.383	0.325	0.403	0.438 J Q, E
Tin	mg/kg	12.1 U B	11.3 U B	11.5 U B	11.5 U B	11.1 U B	11.7 U B	10.7 U B
Titanium	mg/kg	1680 J L	1490 J L	1420	1050	622	1640	1290
Antimony	mg/kg	0.241 UJ B, Q	0.226 UJ B, Q	0.254 J Q	0.225 UJ B, Q, E	0.229 UJ B, Q, E	0.143 J Q, Z	0.225 J Q
Arsenic	mg/kg	10.5	7.04	3.97 J E, A	6.59 J A	7.85 J A	6.36 J E, A	7.52 J E, Q
Beryllium	mg/kg	1.32	1.02	0.546 J Q, E	1.04	0.769	0.834 J Q, E	1.14 J E, Q
Barium	mg/kg	198	140	95.5 J E, A	150 J A	114 J A	152 J E, A	167 J E, *#
Boron	mg/kg	9.1	4.94 J Z	6.12	12.4	9.83	6.14	14
Cadmium	mg/kg	0.512	0.259	0.37	0.258 J E	0.0908 J E, Z	0.355	0.405
Chromium	mg/kg	55.9	40.2	21.8 J Q, E, A	44.2 J Q, A	42.1 J Q, A	34.0 J Q, E, A	46.9 J E, *#
Cobalt	mg/kg	21.5	9.63	7.63 J E, A	13.4 J A	7.10 J A	11.3 J E, A	13.7 J E, *#
Copper	mg/kg	25.0 J E	17.4 J E	13.7 J Q, E, A	20.5 J Q, A	17.0 J Q, A	18.1 J Q, E, A	22.5 J E, Q, *#
Vanadium	mg/kg	109	77.6	41.2 J E, A	79.8 J A	75.5 J A	64.0 J E, A	88.9 J E, *#
Zinc	mg/kg	95	72	59.3 J A	83.3	60.6	79.4 J A	93.8 J E, *#
Zirconium	mg/kg	7.74	5.71	6.81	4.20 J Z	4.31 J Z	8.04	2.27 J E, Z
Calcium	mg/kg	10600 J E	11400 J E	6760 J A	8240	22400	13100 J A	9170
Phosphorus	mg/kg	549 J Q	372 J Q	483	286	149	426	481 J Q
Selenium	mg/kg	0.104 J Z	0.452 U	0.168 J Z	0.133 J Z	0.458 U	0.173 J Z	0.257 J Z
Chromium VI	mg/kg	0.47 J Z	0.54 J Z	1.2 U B	0.56 J Z	1.2	1.2 U B	0.54 J Z
Perchlorate (314.0)	ug/kg	36.2 U	35.3 U	52.6	35.2 U	34.7 U	35.2 U	33.3 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	17.1	14.9	15	14.7	13.5	14.7	9.8
pH	pH unit	7.72	8.1	7.58	7.9	8.84	8.05	7.96

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Sample Name Sample Date SDG Start Depth End Depth		SL-204-SA5DN-SB-9.0-10.0 08/04/2011 DE216 9 10	SL-205-SA5DN-SS-0.0-0.5 05/25/2011 DE164 0 0.5	SL-205-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-205-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-206-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-206-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-207-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	4.5
Fluoride	mg/kg	3.9 J Q	1.2 UJ Q	3.3 J Q	7.2 J Q	2.5 J Q	16.0 J Q	3.8 J Q
Cyanide	mg/kg	--	--	--	--	--	--	0.52 U
Aluminum	mg/kg	35300	28700	31400	31900	25700	22400	27700
Iron	mg/kg	36400	34200	32400	37200	32100	25600	28800
Lead	mg/kg	12.2 J E, *#	13.5 J E	12.9 J E, A	16.9 J E, A	12.5	8.40 J Q, E, A	25.1 J E, Q
Lithium	mg/kg	29.5	24.1	26.7	30	22.7	21.1	21.6
Magnesium	mg/kg	8110	8210	7470	8540	5830	5000	5790
Manganese	mg/kg	503	445	461	383	411	143	484
Mercury	mg/kg	0.115 U	0.0137 J Z	0.0095 J Z	0.117 U	1.79	0.0089 J Z	0.103 U B
Molybdenum	mg/kg	0.403	0.504 J E	0.613 J Q	0.832 J Q	0.624	0.204 J Q, E	0.797 J E, Q
Nickel	mg/kg	28.3 J E, Q, *#	21.2	31.2 J E, Q, A	37.5 J E, Q, A	24	15.3 J Q, E, A	19.5 J Q, A
Potassium	mg/kg	4810	8230	6050	4660	4440	2110 J Q	4750
Silver	mg/kg	0.0506 J E, Z	0.0388 J Z	0.0548 J Q, Z	0.0563 J Q, Z	0.0631 J Z	0.0796 J Q, E, Z	0.0572 J Q, Z
Sodium	mg/kg	103 J Z	109 J Z	99.0 J Z	200	94.2 J Z	411	94.7 J Z
Strontium	mg/kg	47.9	55.8	42.3	44.9	32.2	27.4	35.8
Thallium	mg/kg	0.447 J Q, E	0.383	0.466	0.529	0.37	0.28	0.326 J Q
Tin	mg/kg	11.6 U B	11.5 U B	11.1 U B	11.5 U B	10.9 U B	11.3 U B	10.5 U B
Titanium	mg/kg	1390	1270	1580	1230	1170	1160 J E	1490
Antimony	mg/kg	0.159 J Q, Z	0.290 J Q	0.310 J Q	0.553 J Q	0.463	0.174 J Q, E, Z	0.575 J Q
Arsenic	mg/kg	7.12 J E, Q	6.23 J E	8.47 J E, A	11.6 J E, A	9.27	6.35 J Q, E	7.67 J E, Q
Beryllium	mg/kg	1.14 J E, Q	0.718	1.19 J Q	1.42 J Q	1	0.795 J Q, E	0.814 J E, Q
Barium	mg/kg	177 J E, *#	114	166 J E, A	193 J E, A	159	119 J E, A	150 J E, A
Boron	mg/kg	15.5	22.1	5.57 U	5.73 U	22.1	5.63 U	5.27 U
Cadmium	mg/kg	0.444	0.398	0.432 J Q	0.304 J Q	0.646	0.0900 J E, Q, Z	0.696 J Q
Chromium	mg/kg	47.0 J E, *#	29.1 J *#	54.0 J E, A	66.6 J E, A	28.2	33.8 J Q, E, A	30.4 J Q
Cobalt	mg/kg	13.2 J E, *#	10.5	16.6 J E, Q, A	20.8 J E, Q, A	12.5	5.70 J Q, E, A	12.5 J E, Q
Copper	mg/kg	20.5 J E, Q, *#	18.5	26.2 J E, Q	29.8 J E, Q	20.5	15.0 J Q, E, A	20.3 J Q
Vanadium	mg/kg	87.6 J E, *#	54.6 J *#	104 J E, A	124 J E, A	66.3	52.7 J Q, E, A	56.5
Zinc	mg/kg	92.7 J E, *#	81.8	103 J E, A	122 J E, A	106	63.5 J E	246
Zirconium	mg/kg	4.36 J E, Z	1.32 J Z	8.78	8.08	2.56 J Z	4.76 J Z	7.81
Calcium	mg/kg	12200	23000	12400	8280	5150	5210 J E	6710
Phosphorus	mg/kg	345 J Q	742	361	334	329	130 J Q	316
Selenium	mg/kg	0.137 J Z	0.300 J Z	0.206 J Z	0.361 J Z	0.185 J Z	0.0537 J Z	0.208 J Q, Z
Chromium VI	mg/kg	0.54 J Z	1.2 U	0.77 J Z	0.72 J Z	0.47 J Z	1.1 U	0.37 J Z
Perchlorate (314.0)	ug/kg	35.1 U	35.0 U	34.8 U	35.4 U	34.1 U	34.4 U	32.2 U
Perchlorate (6850)	ug/kg	--	--	--	5.9 U	--	--	--
Percent Moisture	%	14.5	14.2	13.7	15.3	12	12.9	6.9
pH	pH unit	7.93	8.01	7.96	7.85	7.03	8.4	7.81

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R - Result is rejected

Sample Name		SL-207-SA5DN-SB-4.0-5.0
Sample Date		08/11/2011
SDG		DE222
Start Depth		4
End Depth		5
Chemical Name	Unit	
Nitrate	mg/kg	2.1
Fluoride	mg/kg	24.4 J Q
Cyanide	mg/kg	0.55 U
Aluminum	mg/kg	33300
Iron	mg/kg	34100
Lead	mg/kg	10.6
Lithium	mg/kg	24.9
Magnesium	mg/kg	6890
Manganese	mg/kg	246
Mercury	mg/kg	0.106 U
Molybdenum	mg/kg	0.186
Nickel	mg/kg	23.1
Potassium	mg/kg	2520
Silver	mg/kg	0.0366 J Z
Sodium	mg/kg	641
Strontium	mg/kg	55.7
Thallium	mg/kg	0.285
Tin	mg/kg	11.0 U B
Titanium	mg/kg	1130
Antimony	mg/kg	0.145 J Q, Z
Arsenic	mg/kg	7.35
Beryllium	mg/kg	1.05
Barium	mg/kg	133
Boron	mg/kg	8.67
Cadmium	mg/kg	0.201
Chromium	mg/kg	37.5
Cobalt	mg/kg	11.9
Copper	mg/kg	15.3
Vanadium	mg/kg	71.1 J Q
Zinc	mg/kg	56.1
Zirconium	mg/kg	4.18 J Z
Calcium	mg/kg	37600
Phosphorus	mg/kg	167
Selenium	mg/kg	0.457 U
Chromium VI	mg/kg	1.1 U
Perchlorate (314.0)	ug/kg	34.2 U
Perchlorate (6850)	ug/kg	--
Percent Moisture	%	12.4
pH	pH unit	8.74

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Sample Name Sample Date SDG Start Depth End Depth		SL-003-SA5DN-SB-0.5-1.5 05/16/2011 DE151 0.5 1.5	SL-003-SA5DN-SB-8.0-9.0 05/16/2011 DE151 8 9	SL-004-SA5DN-SB-3.5-4.5 05/16/2011 DE151 3.5 4.5	SL-004-SA5DN-SB-9.0-10.0 05/16/2011 DE151 9 10	SL-012-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-012-SA5DN-SB-4.0-5.0 08/09/2011 DE220 4 5	SL-012-SA5DN-SB-9.0-10.0 08/09/2011 DE220 9 10
Chemical Name	Unit							
Ethanol	ug/kg	600 U	560 U	600 U	570 U	560 U	520 U	580 U
Methanol	ug/kg	230 J Z	560 U	630	570 U	560 U	520 U	580 U
2-Propanol	ug/kg	600 U	560 U	600 U	570 U	560 U	520 U	580 U
Ethylene Glycol	mg/kg	12 U	11 U	12 U	11 U	11 U	10 U	12 U
Diethylene Glycol	mg/kg	12 U	11 U	12 U	11 U	11 UJ Q	10 U	12 U
Propylene glycol	mg/kg	12 U	11 U	12 U	11 U	11 U	10 U	12 U
o-Terphenyl	mg/kg	4.2 U	3.9 U	4.2 U	3.9 U	3.9 U	3.7 U	4.1 U
m-Terphenyl	mg/kg	4.2 U	3.9 U	4.2 U	3.9 U	3.9 U	3.7 U	4.1 U
p-Terphenyl	mg/kg	4.2 U	3.9 U	4.2 U	3.9 U	3.9 U	3.7 U	4.1 U
Formaldehyde	ug/kg	6600	1600 U	1800 U	1700 U	1700 U	660 J Z	1700 U
2,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	130 U	140 U
2,4,6-Trinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	130 U	140 U
RDX	ug/kg	140 U	130 U	140 U	130 U	130 U	130 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	130 U	140 U
HMX	ug/kg	360 U	320 U	350 U	330 U	340 U	310 U	350 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	130 U	140 U
Tetryl	ug/kg	140 U	130 U	140 U	130 U	130 U	130 U	140 U
Nitroglycerin	ug/kg	2900 U	2600 U	2800 U	2700 U	2700 U	2500 U	2800 U
2,6-Diamino-4-nitrotoluene	ug/kg	290 U	260 R L	280 R L	270 R L	270 U	250 U	280 U
2,4-Diamino-6-nitrotoluene	ug/kg	290 U	260 R L	280 R L	270 R L	270 U	250 U	280 U
PETN	ug/kg	2900 U	2600 U	2800 U	2700 U	2700 U	2500 U	2800 U
2-Nitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	130 U	140 U
3-Nitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	130 U	140 U
1,3,5-Trinitrobenzene	ug/kg	140 U	130 U	140 U	130 U	130 U	130 U	140 U
4-Nitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	130 U	140 U
2,4-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	130 U	140 U
Nitrobenzene	ug/kg	140 U	130 U	140 U	130 U	130 U	130 U	140 U
m-Dinitrobenzene	ug/kg	140 U	130 U	140 U	130 U	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-013-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-013-SA5DN-SB-4.0-5.0 05/31/2011 DE168 4 5	SL-013-SA5DN-SB-9.0-10.0 05/31/2011 DE168 9 10	SL-014-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-014-SA5DN-SB-4.0-5.0 05/31/2011 DE169 4 5	SL-014-SA5DN-SB-9.0-10.0 05/31/2011 DE169 9 10	SL-015-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	520 U	580 U	570 U	550 U	570 U	580 U	570 U
Methanol	ug/kg	520 U	330 J Z	570 U	550 U	570 UJ FD	580 U	570 U
2-Propanol	ug/kg	520 U	580 U	570 U	550 U	570 U	580 U	570 U
Ethylene Glycol	mg/kg	10 U	12 U	11 U	11 U	11 UJ Q	12 U	11 U
Diethylene Glycol	mg/kg	10 U	12 U	11 U	11 U	11 UJ Q	12 U	11 U
Propylene glycol	mg/kg	10 U	12 U	11 U	11 U	11 UJ Q	12 U	11 U
o-Terphenyl	mg/kg	3.6 U	4.0 U	4.0 U	3.9 U	4.0 U	4.1 U	4.0 U
m-Terphenyl	mg/kg	3.6 U	4.0 U	4.0 U	3.9 U	4.0 UJ Q	4.1 U	4.0 U
p-Terphenyl	mg/kg	3.6 U	4.0 U	4.0 U	3.9 U	4.0 U	4.1 U	4.0 U
Formaldehyde	ug/kg	1600 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 UJ L
2,6-Dinitrotoluene	ug/kg	120 U	130 U	130 U	130 U	130 U	130 U	130 U
2,4,6-Trinitrotoluene	ug/kg	120 U	130 U	130 U	130 U	130 U	130 U	130 U
RDX	ug/kg	120 U	130 U	130 U	130 U	130 U	130 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	120 U	130 U	130 U	130 U	130 U	130 U	130 U
HMX	ug/kg	290 U	320 U	320 U	330 U	340 U	330 U	330 U
2-Amino-4,6-Dinitrotoluene	ug/kg	120 U	130 U	130 U	130 U	130 U	130 U	130 U
Tetryl	ug/kg	120 U	130 U	130 U	130 U	130 U	130 U	130 U
Nitroglycerin	ug/kg	2300 U	2600 U	2500 U	2600 U	2700 U	2600 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	230 U	260 U	250 U	260 U	270 U	260 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	230 U	260 U	250 U	260 U	270 U	260 U	270 U
PETN	ug/kg	2300 U	2600 U	2500 U	2600 U	2700 U	2600 U	2700 U
2-Nitrotoluene	ug/kg	120 U	130 U	130 U	130 U	130 U	130 U	130 U
3-Nitrotoluene	ug/kg	120 U	130 U	130 U	130 U	130 U	130 U	130 U
1,3,5-Trinitrobenzene	ug/kg	120 U	130 U	130 U	130 U	130 U	130 U	130 U
4-Nitrotoluene	ug/kg	120 U	130 U	130 U	130 U	130 U	130 U	130 U
2,4-Dinitrotoluene	ug/kg	120 U	130 U	130 U	130 U	130 U	130 U	130 U
Nitrobenzene	ug/kg	120 U	130 U	130 U	130 U	130 U	130 U	130 U
m-Dinitrobenzene	ug/kg	120 U	130 U	130 U	130 U	130 U	47 J Z	130 U

Sample Name Sample Date SDG Start Depth End Depth		SL-015-SA5DN-SB-4.0-5.0 06/01/2011 DE170 4 5	SL-015-SA5DN-SB-12.0-13.0 06/01/2011 DE170 12 13	SL-016-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-016-SA5DN-SB-4.0-5.0 06/02/2011 DE172 4 5	SL-016-SA5DN-SB-12.0-13.0 06/02/2011 DE172 12 13	SL-018-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-018-SA5DN-SB-4.0-5.0 06/01/2011 DE170 4 5
Chemical Name	Unit							
Ethanol	ug/kg	580 U	550 U	560 U	590 U	570 U	550 U	550 U
Methanol	ug/kg	580 U	550 U	560 U	590 U	460 J Z	550 U	550 U
2-Propanol	ug/kg	580 U	550 U	560 U	590 U	570 U	550 U	550 U
Ethylene Glycol	mg/kg	12 U	11 U	11 U	12 U	11 U	11 U	11 U
Diethylene Glycol	mg/kg	12 U	11 U	11 U	12 U	11 U	11 U	11 U
Propylene glycol	mg/kg	12 U	11 U	11 U	12 U	11 U	11 U	11 U
o-Terphenyl	mg/kg	4.1 U	3.8 U	1.9 J S, Z	4.1 U	4.0 U	3.8 U	3.8 U
m-Terphenyl	mg/kg	4.1 U	3.8 U	5.3 J S	4.1 R Q	4.0 U	3.8 U	3.8 U
p-Terphenyl	mg/kg	4.1 U	3.8 U	3.9 U	4.1 R Q	4.0 U	3.8 U	3.8 U
Formaldehyde	ug/kg	1700 U	1600 U	1700 UJ L	1800 U	1700 U	1600 U	1700 U
2,6-Dinitrotoluene	ug/kg	140 U	130 U	130 U	140 U	130 U	130 U	130 U
2,4,6-Trinitrotoluene	ug/kg	140 U	130 U	130 U	140 U	130 U	130 U	130 U
RDX	ug/kg	140 U	130 U	130 U	140 U	130 U	130 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	130 U	130 U	140 U	130 U	130 U	130 U
HMX	ug/kg	340 U	330 U	340 U	350 U	330 U	330 U	330 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	130 U	130 U	140 U	130 U	130 U	130 U
Tetryl	ug/kg	140 U	130 U	130 U	140 U	130 U	130 U	130 U
Nitroglycerin	ug/kg	2700 U	2600 U	2700 U	2800 U	2700 U	2600 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	270 U	260 U	270 U	280 U	270 U	260 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	270 U	260 U	270 U	280 U	270 U	260 U	270 U
PETN	ug/kg	2700 U	2600 U	2700 U	2800 U	2700 U	2600 U	2700 U
2-Nitrotoluene	ug/kg	140 U	130 U	130 U	140 U	130 U	130 U	130 U
3-Nitrotoluene	ug/kg	140 U	130 U	130 U	140 U	130 U	130 U	130 U
1,3,5-Trinitrobenzene	ug/kg	140 U	130 U	130 U	140 U	130 U	130 U	130 U
4-Nitrotoluene	ug/kg	140 U	130 U	130 U	140 U	130 U	130 U	130 U
2,4-Dinitrotoluene	ug/kg	140 U	130 U	130 U	140 U	130 U	130 U	130 U
Nitrobenzene	ug/kg	140 U	130 U	130 U	140 U	130 U	130 U	130 U
m-Dinitrobenzene	ug/kg	140 U	130 U	130 U	140 U	130 U	130 U	70 J Z

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-SA5DN-SB-7.5-8.5 06/01/2011 DE172 7.5 8.5	SL-019-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-019-SA5DN-SB-4.0-5.0 06/03/2011 DE173 4 5	SL-019-SA5DN-SB-9.0-10.0 06/03/2011 DE173 9 10	SL-020-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-020-SA5DN-SB-3.5-4.5 06/15/2011 DE181 3.5 4.5	SL-021-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	550 U	580 U	580 U	560 U	530 U	560 U	580 U
Methanol	ug/kg	550 U	580 U	580 U	560 U	530 U	560 U	580 U
2-Propanol	ug/kg	550 U	580 U	580 U	560 U	530 U	560 U	580 U
Ethylene Glycol	mg/kg	11 U	12 U	12 U	11 U	11 U	11 U	12 U
Diethylene Glycol	mg/kg	11 U	12 U	12 U	11 U	11 U	11 U	12 U
Propylene glycol	mg/kg	11 U	12 U	12 U	11 U	11 U	11 U	12 U
o-Terphenyl	mg/kg	3.9 U	4.1 U	4.0 U	3.9 U	3.7 U	3.9 U	4.1 U
m-Terphenyl	mg/kg	3.9 U	4.1 U	4.0 U	3.9 U	3.7 U	3.9 U	4.1 U
p-Terphenyl	mg/kg	3.9 U	4.1 U	4.0 U	3.9 U	3.7 U	3.9 U	4.1 U
Formaldehyde	ug/kg	1700 U	1700 UJ L	1700 UJ S	1700 U	1600 U	1700 U	1700 UJ L
2,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	130 U	130 U	140 U
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	130 U	130 U	140 U
RDX	ug/kg	130 U	130 U	140 U	130 U	130 UJ Q	130 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	130 U	130 U	140 U
HMX	ug/kg	330 U	330 U	350 U	330 U	320 UJ L	340 U	340 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	130 U	130 U	140 U
Tetryl	ug/kg	130 U	130 U	140 U	130 U	130 U	130 U	140 U
Nitroglycerin	ug/kg	2700 U	2700 U	2800 U	2700 U	2500 UJ Q, L	2700 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	270 U	270 U	280 U	270 U	250 U	270 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	270 U	270 U	280 U	270 U	250 U	670 U	270 U
PETN	ug/kg	2700 U	2700 U	2800 U	2700 U	2500 U	2700 U	2700 U
2-Nitrotoluene	ug/kg	130 U	130 U	140 U	130 U	130 U	130 U	140 U
3-Nitrotoluene	ug/kg	130 U	130 U	140 U	130 U	130 U	130 U	140 U
1,3,5-Trinitrobenzene	ug/kg	130 U	130 U	140 U	130 U	130 UJ Q	130 U	140 U
4-Nitrotoluene	ug/kg	130 U	130 U	140 U	130 U	130 U	130 U	140 U
2,4-Dinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	130 U	130 U	140 U
Nitrobenzene	ug/kg	130 U	130 U	140 U	130 U	130 U	130 U	140 U
m-Dinitrobenzene	ug/kg	78 J Z	130 U	140 U	130 U	130 U	130 U	140 U

Sample Name Sample Date SDG Start Depth End Depth		SL-021-SA5DN-SB-4.0-5.0 06/02/2011 DE172 4 5	SL-021-SA5DN-SB-19.5-20.5 06/02/2011 DE172 19.5 20.5	SL-022-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-022-SA5DN-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-022-SA5DN-SB-15.0-16.0 06/06/2011 DE174 15 16	SL-023-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-023-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5
Chemical Name	Unit							
Ethanol	ug/kg	570 U	560 U	570 U	570 U	540 U	570 U	570 U
Methanol	ug/kg	570 U	210 J Z	570 U	570 U	540 U	570 U	570 U
2-Propanol	ug/kg	570 U	560 U	570 U	570 U	540 U	570 U	570 U
Ethylene Glycol	mg/kg	11 U	11 U	11 UJ Q	11 U	11 U	11 U	11 U
Diethylene Glycol	mg/kg	11 U	11 U	11 UJ Q	11 U	11 U	11 U	11 U
Propylene glycol	mg/kg	11 U	11 U	11 U	11 U	11 U	11 U	11 U
o-Terphenyl	mg/kg	4.0 U	3.9 U	4.0 U	4.0 U	3.8 U	4.0 U	4.0 U
m-Terphenyl	mg/kg	4.0 U	3.9 U	4.0 U	4.0 U	3.8 U	4.0 U	4.0 U
p-Terphenyl	mg/kg	4.0 U	3.9 U	4.0 U	4.0 U	3.8 U	4.0 U	4.0 U
Formaldehyde	ug/kg	1700 U	1700 UJ S	1700 UJ Q, L	1700 U	1600 U	1700 UJ L	1700 U
2,6-Dinitrotoluene	ug/kg	130 U	120 U	140 U	140 U	120 U	130 U	130 U
2,4,6-Trinitrotoluene	ug/kg	130 U	120 U	140 U	140 U	120 U	130 U	130 U
RDX	ug/kg	130 U	120 U	140 U	140 U	120 U	130 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	120 U	140 U	140 U	120 U	130 U	130 U
HMX	ug/kg	330 U	310 U	340 U	340 U	300 U	340 U	330 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	120 U	140 U	140 U	120 U	130 U	130 U
Tetryl	ug/kg	130 U	120 U	140 U	140 U	120 U	130 U	130 U
Nitroglycerin	ug/kg	2700 U	2500 U	2700 U	2700 U	2400 U	2700 U	2600 U
2,6-Diamino-4-nitrotoluene	ug/kg	270 U	250 U	270 U	270 U	240 U	270 U	260 U
2,4-Diamino-6-nitrotoluene	ug/kg	270 U	250 U	270 U	270 U	240 U	270 U	260 U
PETN	ug/kg	2700 U	2500 U	2700 U	2700 U	2400 U	2700 U	2600 U
2-Nitrotoluene	ug/kg	130 U	120 U	140 U	140 U	120 U	130 U	130 U
3-Nitrotoluene	ug/kg	130 U	120 U	140 U	140 U	120 U	130 U	130 U
1,3,5-Trinitrobenzene	ug/kg	130 U	120 U	140 U	140 U	120 U	130 U	130 U
4-Nitrotoluene	ug/kg	130 U	120 U	140 U	140 U	120 U	130 U	130 U
2,4-Dinitrotoluene	ug/kg	130 U	120 U	140 U	140 U	120 U	130 U	130 U
Nitrobenzene	ug/kg	130 U	120 U	140 U	140 U	120 U	130 U	130 U
m-Dinitrobenzene	ug/kg	130 U	120 U	140 U	140 U	120 U	130 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-023-SA5DN-SB-20.0-21.0 06/08/2011 DE176 20 21	SL-024-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-024-SA5DN-SB-4.0-5.0 06/07/2011 DE175 4 5	SL-024-SA5DN-SB-19.0-20.0 06/07/2011 DE175 19 20	SL-025-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-025-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-025-SA5DN-SB-23.0-24.0 06/08/2011 DE176 23 24
Chemical Name	Unit							
Ethanol	ug/kg	550 U	580 U	570 U	560 U	580 U	560 U	550 U
Methanol	ug/kg	550 U	580 U	570 U	560 U	580 U	560 U	550 U
2-Propanol	ug/kg	550 U	580 U	570 U	560 U	580 U	560 U	550 U
Ethylene Glycol	mg/kg	11 U	12 U	11 UJ Q	11 U	12 U	11 U	11 U
Diethylene Glycol	mg/kg	11 U	12 U	11 UJ Q	11 U	12 U	11 U	11 U
Propylene glycol	mg/kg	11 U	12 U	11 UJ Q	11 U	12 U	11 U	11 U
o-Terphenyl	mg/kg	3.8 U	4.0 U	4.0 U	3.9 U	4.1 U	3.9 U	3.9 U
m-Terphenyl	mg/kg	3.8 U	4.0 U	4.0 UJ Q	3.9 U	4.1 U	3.9 U	3.9 U
p-Terphenyl	mg/kg	3.8 U	4.0 U	4.0 U	3.9 U	4.1 U	3.9 U	3.9 U
Formaldehyde	ug/kg	1600 U	1700 U	1700 U	1700 U	1800 U	1700 U	1600 U
2,6-Dinitrotoluene	ug/kg	120 U	140 U	130 U	120 U	140 U	130 U	120 U
2,4,6-Trinitrotoluene	ug/kg	120 U	140 U	130 U	120 U	140 U	130 U	120 U
RDX	ug/kg	120 U	140 U	130 U	120 U	140 U	130 U	120 U
4-Amino-2,6-Dinitrotoluene	ug/kg	120 U	140 U	130 U	120 U	140 U	130 U	120 U
HMX	ug/kg	310 U	340 UJ L	330 U	310 U	340 UJ L	330 U	310 U
2-Amino-4,6-Dinitrotoluene	ug/kg	120 U	140 U	130 U	120 U	140 U	130 U	120 U
Tetryl	ug/kg	120 U	140 U	130 U	120 U	140 U	130 U	120 U
Nitroglycerin	ug/kg	2400 U	2700 UJ L	2700 U	2500 U	2700 UJ L	2700 U	2500 U
2,6-Diamino-4-nitrotoluene	ug/kg	240 U	270 U	270 U	250 U	270 U	270 U	250 U
2,4-Diamino-6-nitrotoluene	ug/kg	240 U	270 U	270 U	250 U	270 U	270 U	250 U
PETN	ug/kg	2400 U	2700 U	2700 U	2500 U	2700 U	2700 U	2500 U
2-Nitrotoluene	ug/kg	120 U	140 U	130 U	120 U	140 U	130 U	120 U
3-Nitrotoluene	ug/kg	120 U	140 U	130 U	120 U	140 U	130 U	120 U
1,3,5-Trinitrobenzene	ug/kg	120 U	140 U	130 U	120 U	140 U	130 U	120 U
4-Nitrotoluene	ug/kg	120 U	140 U	130 U	120 U	140 U	130 U	120 U
2,4-Dinitrotoluene	ug/kg	120 U	140 U	130 U	120 U	140 U	130 U	120 U
Nitrobenzene	ug/kg	120 U	140 U	130 U	120 U	140 U	130 U	120 U
m-Dinitrobenzene	ug/kg	120 U	140 U	130 U	120 U	140 U	130 U	120 U

Sample Name Sample Date SDG Start Depth End Depth		SL-026-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-026-SA5DN-SB-4.0-5.0 06/07/2011 DE175 4 5	SL-026-SA5DN-SB-17.0-18.0 06/07/2011 DE175 17 18	SL-027-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-027-SA5DN-SB-4.0-5.0 06/03/2011 DE173 4 5	SL-027-SA5DN-SB-14.0-15.0 06/03/2011 DE173 14 15	SL-028-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	580 U	600 U	550 U	580 U	570 U	550 U	580 U
Methanol	ug/kg	580 U	600 U	550 U	580 U	570 U	550 U	580 U
2-Propanol	ug/kg	580 U	600 U	550 U	580 U	570 U	550 U	580 U
Ethylene Glycol	mg/kg	12 U	12 U	11 U	12 U	11 U	11 U	12 U
Diethylene Glycol	mg/kg	12 U	12 U	11 U	12 U	11 U	11 U	12 U
Propylene glycol	mg/kg	12 U	12 U	11 U	12 U	11 U	11 U	12 U
o-Terphenyl	mg/kg	4.0 U	4.2 U	3.8 U	4.0 U	4.0 U	3.9 U	4.1 U
m-Terphenyl	mg/kg	4.0 U	4.2 U	3.8 U	4.0 U	4.0 U	3.9 U	4.1 U
p-Terphenyl	mg/kg	4.0 U	4.2 U	3.8 U	4.0 U	4.0 U	3.9 U	4.1 U
Formaldehyde	ug/kg	1700 U	1800 U	1600 U	1700 U	1700 UJ S	1600 UJ S	1700 U
2,6-Dinitrotoluene	ug/kg	140 U	140 U	130 U	140 U	140 U	130 U	140 U
2,4,6-Trinitrotoluene	ug/kg	140 U	140 U	130 U	140 U	140 U	130 U	140 U
RDX	ug/kg	140 U	140 U	130 U	140 U	140 U	130 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	140 U	130 U	140 U	140 U	130 U	140 U
HMX	ug/kg	350 UJ L	350 U	320 U	350 UJ L	340 U	330 U	350 UJ L
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	140 U	130 U	140 U	140 U	130 U	140 U
Tetryl	ug/kg	140 U	140 U	130 U	140 U	140 U	130 U	140 U
Nitroglycerin	ug/kg	2800 UJ L	2800 U	2600 U	2800 UJ L	2700 U	2600 U	2800 UJ L
2,6-Diamino-4-nitrotoluene	ug/kg	280 U	280 U	260 U	280 U	270 U	260 U	280 U
2,4-Diamino-6-nitrotoluene	ug/kg	280 U	280 U	260 U	280 U	270 U	260 U	280 U
PETN	ug/kg	2800 U	2800 U	2600 U	2800 U	2700 U	2600 U	2800 U
2-Nitrotoluene	ug/kg	140 U	140 U	130 U	140 U	140 U	130 U	140 U
3-Nitrotoluene	ug/kg	140 U	140 U	130 U	140 U	140 U	130 U	140 U
1,3,5-Trinitrobenzene	ug/kg	140 U	140 U	130 U	140 U	140 U	130 U	140 U
4-Nitrotoluene	ug/kg	140 U	140 U	130 U	140 U	140 U	130 U	140 U
2,4-Dinitrotoluene	ug/kg	140 U	140 U	130 U	140 U	140 U	130 U	140 U
Nitrobenzene	ug/kg	140 U	140 U	130 U	140 U	140 U	130 U	140 U
m-Dinitrobenzene	ug/kg	140 U	140 U	130 U	140 U	140 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-028-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-028-SA5DN-SB-11.5-12.5 06/08/2011 DE176 11.5 12.5	SL-029-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-029-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-030-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-030-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-031-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	580 U	560 U	580 U	570 U	580 U	570 U	580 U
Methanol	ug/kg	580 U	560 U	580 U	570 U	580 U	570 U	580 U
2-Propanol	ug/kg	580 U	560 U	580 U	570 U	580 U	570 U	580 U
Ethylene Glycol	mg/kg	12 U	11 U	12 U	11 U	12 U	11 U	12 U
Diethylene Glycol	mg/kg	12 U	11 U	12 U	11 U	12 U	11 UJ Q	12 U
Propylene glycol	mg/kg	12 U	11 U	12 U	11 U	12 U	11 U	12 U
o-Terphenyl	mg/kg	4.1 U	3.9 U	4.1 U	4.0 U	8.1 U	4.0 U	4.1 U
m-Terphenyl	mg/kg	4.1 U	3.9 U	4.1 U	4.0 U	8.1 U	4.0 U	4.1 U
p-Terphenyl	mg/kg	4.1 U	3.9 U	4.1 U	4.0 U	8.1 U	4.0 U	4.1 U
Formaldehyde	ug/kg	1800 U	1700 U	1700 U	1700 U	1700 U	1700 U	1700 U
2,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
2,4,6-Trinitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
RDX	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
HMX	ug/kg	340 U	330 U	350 UJ L	340 U	350 U	340 U	340 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
Tetryl	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
Nitroglycerin	ug/kg	2800 U	2600 U	2800 UJ L	2700 U	2800 U	2800 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	280 U	260 U	280 U	270 U	280 U	280 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	280 U	260 U	280 U	270 U	280 U	280 U	270 U
PETN	ug/kg	2800 U	2600 U	2800 U	2700 U	2800 U	2800 U	2700 U
2-Nitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
3-Nitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
1,3,5-Trinitrobenzene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
4-Nitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
2,4-Dinitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
Nitrobenzene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
m-Dinitrobenzene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U

Sample Name Sample Date SDG Start Depth End Depth		SL-031-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-032-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-032-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-032-SA5DN-SB-10.0-11.0 06/14/2011 DE180 10 11	SL-033-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-033-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-033-SA5DN-SB-11.0-12.0 06/14/2011 DE180 11 12
Chemical Name	Unit							
Ethanol	ug/kg	570 U	560 U	570 U	550 U	580 U	580 U	560 U
Methanol	ug/kg	570 U	560 U	570 U	550 U	580 U	580 U	560 U
2-Propanol	ug/kg	570 U	560 U	570 U	550 U	580 U	580 U	560 U
Ethylene Glycol	mg/kg	11 U	11 U	11 U	11 U	12 U	12 U	11 U
Diethylene Glycol	mg/kg	11 U	11 U	11 U	11 U	12 U	12 U J Q	11 U
Propylene glycol	mg/kg	11 U	11 U	11 U	11 U	12 U	12 U	11 U
o-Terphenyl	mg/kg	4.0 U	7.8 U	4.0 U	3.8 U	4.1 U	4.1 U	3.9 U
m-Terphenyl	mg/kg	4.0 U	7.8 U	4.0 U	3.8 U	4.1 U	4.1 U J Q	3.9 U
p-Terphenyl	mg/kg	4.0 U	7.8 U	4.0 U	3.8 U	4.1 U	4.1 U	3.9 U
Formaldehyde	ug/kg	1700 U	1700 U	1700 U	1600 U	1700 U	1700 U	1700 U
2,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	130 U
2,4,6-Trinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	130 U
RDX	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	130 U
HMX	ug/kg	340 U	330 U	340 U	330 U	340 U	350 U	340 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	130 U
Tetryl	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	130 U
Nitroglycerin	ug/kg	2800 U	2600 U	2700 U	2600 U	2800 U	2800 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	280 U	260 U	270 U	260 U	280 U	280 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	280 U	260 U	270 U	260 U	280 U	280 U	270 U
PETN	ug/kg	2800 U	2600 U	2700 U	2600 U	2800 U	2800 U	2700 U
2-Nitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	130 U
3-Nitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	130 U
1,3,5-Trinitrobenzene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	130 U
4-Nitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	130 U
2,4-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	130 U
Nitrobenzene	ug/kg	140 U	130 U	140 U	130 U	140 U	140 U	130 U
m-Dinitrobenzene	ug/kg	140 U	130 U	140 U	130 U	140 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-034-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-034-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-035-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-035-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-035-SA5DN-SB-9.5-10.5 06/14/2011 DE180 9.5 10.5	SL-036-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-036-SA5DN-SB-4.0-5.0 06/07/2011 DE175 4 5
Chemical Name	Unit							
Ethanol	ug/kg	550 U	580 U	580 U	590 U	560 U	570 U	590 U
Methanol	ug/kg	550 U	580 U	580 U	590 U	560 U	570 U	590 U
2-Propanol	ug/kg	550 U	580 U	580 U	590 U	560 U	570 U	590 U
Ethylene Glycol	mg/kg	11 U	12 U	12 U	12 U	11 U	11 U	12 U
Diethylene Glycol	mg/kg	11 U	12 U	12 U	12 U	11 U	11 U	12 U
Propylene glycol	mg/kg	11 U	12 U	12 U	12 U	11 U	11 U	12 U
o-Terphenyl	mg/kg	7.7 U	4.0 U	4.0 U	4.1 U	3.9 U	4.0 U	4.1 U
m-Terphenyl	mg/kg	7.7 U	4.0 U	4.0 U	4.1 U	3.9 U	4.0 U	4.1 U
p-Terphenyl	mg/kg	7.7 U	4.0 U	4.0 U	4.1 U	3.9 U	4.0 U	4.1 U
Formaldehyde	ug/kg	1700 U	1700 U	1700 U	1800 U	1700 U	1700 U	1800 U
2,6-Dinitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	130 U	140 U
2,4,6-Trinitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	130 U	140 U
RDX	ug/kg	130 U	140 U	130 U	140 U	130 U	130 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	130 U	140 U
HMX	ug/kg	320 U	350 U	330 U	350 U	340 U	320 UJ L	350 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	130 U	140 U
Tetryl	ug/kg	130 U	140 U	130 U	140 U	130 U	130 U	140 U
Nitroglycerin	ug/kg	2600 U	2800 U	2700 U	2800 U	2700 U	2500 UJ L	2800 U
2,6-Diamino-4-nitrotoluene	ug/kg	260 U	280 U	270 U	280 U	270 U	250 U	280 U
2,4-Diamino-6-nitrotoluene	ug/kg	260 U	280 U	270 U	280 U	270 U	250 U	280 U
PETN	ug/kg	2600 U	2800 U	2700 U	2800 U	2700 U	2500 U	2800 U
2-Nitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	130 U	140 U
3-Nitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	130 U	140 U
1,3,5-Trinitrobenzene	ug/kg	130 U	140 U	130 U	140 U	130 U	130 U	140 U
4-Nitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	130 U	140 U
2,4-Dinitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	130 U	140 U
Nitrobenzene	ug/kg	130 U	140 U	130 U	140 U	130 U	130 U	140 U
m-Dinitrobenzene	ug/kg	130 U	140 U	130 U	140 U	130 U	130 U	140 U

Sample Name Sample Date SDG Start Depth End Depth		SL-036-SA5DN-SB-9.0-10.0 06/07/2011 DE175 9 10	SL-037-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-037-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-037-SA5DN-SB-11.5-12.5 06/09/2011 DE177 11.5 12.5	SL-038-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-038-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-038-SA5DN-SB-10.5-11.5 06/09/2011 DE177 10.5 11.5
Chemical Name	Unit							
Ethanol	ug/kg	580 U	580 U	610 U	560 U	580 U	580 U	550 U
Methanol	ug/kg	580 U	580 U	610 U	560 U	580 U	580 U	550 U
2-Propanol	ug/kg	580 U	580 U	610 U	560 U	580 U	580 U	550 U
Ethylene Glycol	mg/kg	12 U	12 U	12 U	11 U	12 U	12 U	11 U
Diethylene Glycol	mg/kg	12 U	12 U	12 UJ Q	11 U	12 U	12 U	11 U
Propylene glycol	mg/kg	12 U	12 U	12 U	11 U	12 U	12 U	11 U
o-Terphenyl	mg/kg	4.0 U	4.0 U	4.3 U	3.9 U	4.1 U	4.1 U	3.9 U
m-Terphenyl	mg/kg	4.0 U	4.0 U	4.3 U	3.9 U	4.1 U	4.1 U	3.9 U
p-Terphenyl	mg/kg	4.0 U	4.0 U	4.3 U	3.9 U	4.1 U	4.1 U	3.9 U
Formaldehyde	ug/kg	1700 U	1700 U	1800 U	1700 U	1800 U	1700 U	1700 U
2,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	140 U	130 U
2,4,6-Trinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	140 U	130 U
RDX	ug/kg	140 U	130 U	140 UJ Q	130 U	130 U	140 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	140 U	130 U
HMX	ug/kg	350 U	330 UJ L	360 U	330 U	320 UJ L	350 U	320 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	140 U	130 U
Tetryl	ug/kg	140 U	130 U	140 U	130 U	130 U	140 U	130 U
Nitroglycerin	ug/kg	2800 U	2700 UJ L	2900 U	2600 U	2600 UJ L	2800 U	2600 U
2,6-Diamino-4-nitrotoluene	ug/kg	280 U	270 U	290 U	260 U	260 U	280 U	260 U
2,4-Diamino-6-nitrotoluene	ug/kg	280 U	270 U	290 U	260 U	260 U	280 U	260 U
PETN	ug/kg	2800 U	2700 U	2900 U	2600 U	2600 U	2800 U	2600 U
2-Nitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	140 U	130 U
3-Nitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	140 U	130 U
1,3,5-Trinitrobenzene	ug/kg	140 U	130 U	140 UJ Q	130 U	130 U	140 U	130 U
4-Nitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	140 U	130 U
2,4-Dinitrotoluene	ug/kg	140 U	130 U	140 U	130 U	130 U	140 U	130 U
Nitrobenzene	ug/kg	140 U	130 U	140 U	130 U	130 U	140 U	130 U
m-Dinitrobenzene	ug/kg	140 U	130 U	140 U	130 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-039-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-039-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-039-SA5DN-SB-11.5-12.5 06/09/2011 DE177 11.5 12.5	SL-040-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-040-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-040-SA5DN-SB-10.5-11.5 06/09/2011 DE177 10.5 11.5	SL-041-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	590 U	580 U	570 U	580 U	580 U	530 U	590 U
Methanol	ug/kg	590 U	580 U	570 U	580 U	580 U	530 U	590 U
2-Propanol	ug/kg	590 U	580 U	570 U	580 U	580 U	530 U	590 U
Ethylene Glycol	mg/kg	12 U	12 U	11 U	12 U	12 U	11 U	12 U
Diethylene Glycol	mg/kg	12 U	12 U	11 U	12 U	12 U	11 U	12 U
Propylene glycol	mg/kg	12 U	12 U	11 U	12 U	12 U	11 U	12 U
o-Terphenyl	mg/kg	4.1 U	4.1 U	4.0 U	4.1 U	4.1 U	3.7 U	8.1 U
m-Terphenyl	mg/kg	4.1 U	4.1 U	4.0 U	4.1 U	4.1 U	3.7 U	8.1 U
p-Terphenyl	mg/kg	4.1 U	4.1 U	4.0 U	4.1 U	4.1 U	3.7 U	8.1 U
Formaldehyde	ug/kg	1800 U	1800 U	1700 U	1800 U	1700 U	1600 U	1700 U
2,6-Dinitrotoluene	ug/kg	130 U	140 U	130 U	130 U	140 U	120 U	140 U
2,4,6-Trinitrotoluene	ug/kg	130 U	140 U	130 U	130 U	140 U	120 U	140 U
RDX	ug/kg	130 U	140 U	130 U	130 U	140 U	120 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	140 U	130 U	130 U	140 U	120 U	140 U
HMX	ug/kg	330 UJ L	350 U	330 U	340 UJ L	340 U	310 U	340 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	140 U	130 U	130 U	140 U	120 U	140 U
Tetryl	ug/kg	130 U	140 U	130 U	130 U	140 U	120 U	140 U
Nitroglycerin	ug/kg	2600 UJ L	2800 U	2700 U	2700 UJ L	2700 U	2500 U	2800 U
2,6-Diamino-4-nitrotoluene	ug/kg	260 U	280 U	270 U	270 U	270 U	250 U	280 U
2,4-Diamino-6-nitrotoluene	ug/kg	260 U	280 U	270 U	270 U	270 U	250 U	280 U
PETN	ug/kg	2600 U	2800 U	2700 U	2700 U	2700 U	2500 U	2800 U
2-Nitrotoluene	ug/kg	130 U	140 U	130 U	130 U	140 U	120 U	140 U
3-Nitrotoluene	ug/kg	130 U	140 U	130 U	130 U	140 U	120 U	140 U
1,3,5-Trinitrobenzene	ug/kg	130 U	140 U	130 U	130 U	140 U	120 U	140 U
4-Nitrotoluene	ug/kg	130 U	140 U	130 U	130 U	140 U	120 U	140 U
2,4-Dinitrotoluene	ug/kg	130 U	140 U	130 U	130 U	140 U	120 U	140 U
Nitrobenzene	ug/kg	130 U	140 U	130 U	130 U	140 U	120 U	140 U
m-Dinitrobenzene	ug/kg	130 U	140 U	130 U	130 U	140 U	120 U	140 U

Sample Name Sample Date SDG Start Depth End Depth		SL-041-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5	SL-041-SA5DN-SB-9.0-10.0 06/10/2011 DE178 9 10	SL-042-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-042-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-042-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-043-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-043-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5
Chemical Name	Unit							
Ethanol	ug/kg	600 U	560 U	920 U	590 U	550 U	580 R Q	570 U
Methanol	ug/kg	600 U	560 U	920 U	590 U	550 U	580 U	570 U
2-Propanol	ug/kg	600 U	560 U	920 U	590 U	550 U	580 U	570 U
Ethylene Glycol	mg/kg	12 UJ Q	11 U	18 U	12 U	11 U	12 U	11 U
Diethylene Glycol	mg/kg	12 UJ Q	11 U	18 U	12 U	11 U	12 UJ Q	11 U
Propylene glycol	mg/kg	12 UJ Q	11 U	18 U	12 U	11 U	12 U	11 U
o-Terphenyl	mg/kg	4.2 U	3.9 U	13 U	4.1 U	3.9 U	8.0 U	4.0 U
m-Terphenyl	mg/kg	4.2 U	3.9 U	13 U	4.1 U	3.9 U	8.0 UJ Q	4.0 U
p-Terphenyl	mg/kg	4.2 U	3.9 U	13 U	4.1 U	3.9 U	8.0 U	4.0 U
Formaldehyde	ug/kg	1800 U	1700 U	2800 U	1800 U	1700 U	1700 U	1700 U
2,6-Dinitrotoluene	ug/kg	140 U	130 U	220 U	140 U	130 U	140 U	140 U
2,4,6-Trinitrotoluene	ug/kg	140 U	130 U	220 U	140 U	130 U	140 U	140 U
RDX	ug/kg	140 U	130 U	220 U	140 U	130 U	140 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	130 U	220 U	140 U	130 U	140 U	140 U
HMX	ug/kg	360 U	330 U	540 U	350 U	330 U	350 U	340 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	130 U	220 U	140 U	130 U	140 U	140 U
Tetryl	ug/kg	140 U	130 U	220 U	140 U	130 U	140 U	140 U
Nitroglycerin	ug/kg	2900 U	2600 U	4300 U	2800 U	2700 U	2800 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	290 U	260 U	430 U	280 U	270 U	280 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	290 U	260 U	430 U	280 U	270 U	280 U	270 U
PETN	ug/kg	2900 U	2600 U	4300 U	2800 U	2700 U	2800 U	2700 U
2-Nitrotoluene	ug/kg	140 U	130 U	220 U	140 U	130 U	140 U	140 U
3-Nitrotoluene	ug/kg	140 U	130 U	220 U	140 U	130 U	140 U	140 U
1,3,5-Trinitrobenzene	ug/kg	140 U	130 U	220 U	140 U	130 U	140 U	140 U
4-Nitrotoluene	ug/kg	140 U	130 U	220 U	140 U	130 U	140 U	140 U
2,4-Dinitrotoluene	ug/kg	140 U	130 U	220 U	140 U	130 U	140 U	140 U
Nitrobenzene	ug/kg	140 U	130 U	220 U	140 U	130 U	140 U	140 U
m-Dinitrobenzene	ug/kg	140 U	130 U	220 U	140 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-043-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-044-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-044-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-044-SA5DN-SB-12.0-13.0 06/14/2011 DE180 12 13	SL-045-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-045-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5	SL-045-SA5DN-SB-9.0-10.0 06/10/2011 DE178 9 10
Chemical Name	Unit							
Ethanol	ug/kg	570 U	570 U	590 U	560 U	580 U	590 U	580 U
Methanol	ug/kg	570 U	570 U	590 U	560 U	580 U	590 U	580 U
2-Propanol	ug/kg	570 U	570 U	590 U	560 U	580 U	590 U	580 U
Ethylene Glycol	mg/kg	11 U	11 U	12 U	11 U	12 U	12 U	12 U
Diethylene Glycol	mg/kg	11 U	11 U	12 U	11 U	12 U	12 U	12 U
Propylene glycol	mg/kg	11 U	11 U	12 U	11 U	12 U	12 U	12 U
o-Terphenyl	mg/kg	4.0 U	4.0 U	4.1 U	4.0 U	8.0 U	4.1 U	4.0 U
m-Terphenyl	mg/kg	4.0 U	4.0 U	4.1 U	4.0 U	8.0 U	4.1 U	4.0 U
p-Terphenyl	mg/kg	4.0 U	4.0 U	4.1 U	4.0 U	8.0 U	4.1 U	4.0 U
Formaldehyde	ug/kg	1700 U	1700 U	1800 U	1700 U	1700 U	1800 U	1700 U
2,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
2,4,6-Trinitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
RDX	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
HMX	ug/kg	340 U	320 UJ L	350 U	340 U	340 U	350 U	350 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
Tetryl	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
Nitroglycerin	ug/kg	2800 U	2600 UJ L	2800 U	2700 U	2700 U	2800 U	2800 U
2,6-Diamino-4-nitrotoluene	ug/kg	280 U	260 U	280 U	270 U	270 U	280 U	280 U
2,4-Diamino-6-nitrotoluene	ug/kg	280 U	260 U	280 U	270 U	270 U	280 U	280 U
PETN	ug/kg	2800 U	2600 U	2800 U	2700 U	2700 U	2800 U	2800 U
2-Nitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
3-Nitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
1,3,5-Trinitrobenzene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
4-Nitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
2,4-Dinitrotoluene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
Nitrobenzene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U
m-Dinitrobenzene	ug/kg	140 U	130 U	140 U	140 U	140 U	140 U	140 U

Sample Name Sample Date SDG Start Depth End Depth		SL-046-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-046-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-046-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-047-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-047-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-047-SA5DN-SB-10.0-11.0 06/13/2011 DE179 10 11	SL-051-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	580 U	580 U	580 U	550 U	560 U	540 U	550 U
Methanol	ug/kg	580 U	580 U	580 U	550 U	560 U	540 U	550 U
2-Propanol	ug/kg	580 U	580 U	580 U	550 U	560 U	540 U	550 U
Ethylene Glycol	mg/kg	12 U	12 U	12 U	11 U	11 U	11 U	11 U
Diethylene Glycol	mg/kg	12 U	12 U	12 U	11 U	11 U	11 U	11 U
Propylene glycol	mg/kg	12 U	12 U	12 U	11 U	11 U	11 U	11 U
o-Terphenyl	mg/kg	8.0 U	4.0 U	4.0 U	7.6 U	3.9 U	3.8 U	3.9 UJ S
m-Terphenyl	mg/kg	8.0 U	4.0 U	4.0 U	7.6 U	3.9 U	3.8 U	3.9 UJ S
p-Terphenyl	mg/kg	8.0 U	4.0 U	4.0 U	7.6 U	3.9 U	3.8 U	3.9 UJ S
Formaldehyde	ug/kg	1700 U	1700 U	1700 U	1600 U	1700 U	1600 U	1600 U
2,6-Dinitrotoluene	ug/kg	140 U	140 U	140 U	130 U	130 U	130 U	120 U
2,4,6-Trinitrotoluene	ug/kg	140 U	140 U	140 U	130 U	130 U	130 U	120 U
RDX	ug/kg	140 U	140 U	140 U	130 U	130 U	130 U	120 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	140 U	140 U	130 U	130 U	130 U	120 U
HMX	ug/kg	350 U	350 U	350 U	320 U	340 U	320 U	310 UJ L
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	140 U	140 U	130 U	130 U	130 U	120 U
Tetryl	ug/kg	140 U	140 U	140 U	130 U	130 U	130 U	120 U
Nitroglycerin	ug/kg	2800 U	2800 U	2800 U	2600 U	2700 U	2600 U	2500 UJ L
2,6-Diamino-4-nitrotoluene	ug/kg	280 U	280 U	280 U	260 U	270 U	260 U	250 U
2,4-Diamino-6-nitrotoluene	ug/kg	280 U	280 U	280 U	260 U	270 U	260 U	250 U
PETN	ug/kg	2800 U	2800 U	2800 U	2600 U	2700 U	2600 U	2500 U
2-Nitrotoluene	ug/kg	140 U	140 U	140 U	130 U	130 U	130 U	120 U
3-Nitrotoluene	ug/kg	140 U	140 U	140 U	130 U	130 U	130 U	120 U
1,3,5-Trinitrobenzene	ug/kg	140 U	140 U	140 U	130 U	130 U	130 U	120 U
4-Nitrotoluene	ug/kg	140 U	140 U	140 U	130 U	130 U	130 U	120 U
2,4-Dinitrotoluene	ug/kg	140 U	140 U	140 U	130 U	130 U	130 U	120 U
Nitrobenzene	ug/kg	140 U	140 U	140 U	130 U	130 U	130 U	120 U
m-Dinitrobenzene	ug/kg	140 U	140 U	140 U	130 U	130 U	130 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-051-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-051-SA5DN-SB-14.0-15.0 06/08/2011 DE176 14 15	SL-064-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-064-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-065-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-065-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-065-SA5DN-SB-7.0-8.0 05/20/2011 DE158 7 8
Chemical Name	Unit							
Ethanol	ug/kg	570 U	570 U	580 U	580 U	560 U	570 U	550 U
Methanol	ug/kg	570 U	570 U	580 U	580 U	560 U	570 U	550 U
2-Propanol	ug/kg	570 U	570 U	580 U	580 U	560 U	570 U	550 U
Ethylene Glycol	mg/kg	11 U	11 U	12 U	12 U	11 U	11 U	11 U
Diethylene Glycol	mg/kg	11 U	11 U	12 U	12 U	11 U	11 U	11 U
Propylene glycol	mg/kg	11 U	11 U	12 U	12 U	11 U	11 U	11 U
o-Terphenyl	mg/kg	3.9 U	4.0 U	8.1 U	4.0 U	7.9 U	4.0 U	3.9 U
m-Terphenyl	mg/kg	3.9 U	4.0 U	8.1 U	4.0 U	7.9 U	4.0 U	3.9 U
p-Terphenyl	mg/kg	3.9 U	4.0 U	8.1 U	4.0 U	7.9 U	4.0 U	3.9 U
Formaldehyde	ug/kg	1700 U	1700 U	3500 U	1700 U	1700 U	1700 U	1600 U
2,6-Dinitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	140 U	130 U
2,4,6-Trinitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	140 U	130 U
RDX	ug/kg	130 U	140 U	130 U	140 U	130 U	140 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	140 U	130 U
HMX	ug/kg	330 U	340 U	330 U	340 UJ L	330 U	340 UJ L	330 UJ L
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	140 U	130 U
Tetryl	ug/kg	130 U	140 U	130 U	140 U	130 U	140 U	130 U
Nitroglycerin	ug/kg	2700 U	2700 U	2600 U	2700 UJ L	2700 U	2700 UJ L	2700 UJ L
2,6-Diamino-4-nitrotoluene	ug/kg	270 U	270 U	260 U	270 U	270 U	270 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	270 U	270 U	260 U	270 U	270 U	270 U	270 U
PETN	ug/kg	2700 U	2700 U	2600 U	2700 U	2700 U	2700 U	2700 U
2-Nitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	140 U	130 U
3-Nitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	140 U	130 U
1,3,5-Trinitrobenzene	ug/kg	130 U	140 U	130 U	140 U	130 U	140 U	130 U
4-Nitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	140 U	130 U
2,4-Dinitrotoluene	ug/kg	130 U	140 U	130 U	140 U	130 U	140 U	130 U
Nitrobenzene	ug/kg	130 U	140 U	130 U	140 U	130 U	140 U	130 U
m-Dinitrobenzene	ug/kg	130 U	140 U	130 U	140 U	130 U	140 U	130 U

Sample Name Sample Date SDG Start Depth End Depth		SL-066-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-066-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-066-SA5DN-SB-9.0-10.0 05/19/2011 DE156 9 10	SL-067-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-067-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-067-SA5DN-SB-9.0-10.0 05/19/2011 DE156 9 10	SL-074-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	550 U	570 U	600 U	550 U	570 U	580 U	--
Methanol	ug/kg	550 U	570 U	600 U	550 U	570 U	580 U	--
2-Propanol	ug/kg	150 J Z	570 U	600 U	550 U	570 U	580 U	--
Ethylene Glycol	mg/kg	11 U	11 U	12 U	11 U	11 U	12 U	--
Diethylene Glycol	mg/kg	11 U	11 U	12 U	11 U	11 U	12 U	--
Propylene glycol	mg/kg	11 U	11 U	12 U	11 U	11 U	12 U	--
o-Terphenyl	mg/kg	39 U	4.0 U	4.2 U	39 UJ S	4.0 U	4.1 U	--
m-Terphenyl	mg/kg	39 U	4.0 U	4.2 U	39 UJ S	4.0 U	4.1 U	--
p-Terphenyl	mg/kg	39 U	4.0 U	4.2 U	39 UJ S	4.0 U	4.1 U	--
Formaldehyde	ug/kg	1600 U	1700 U	1800 U	1700 U	1700 U	1800 U	--
2,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U	130 U	130 U
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U	130 U	130 U
RDX	ug/kg	130 U	130 U	140 U	130 U	140 U	130 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U	130 U	130 U
HMX	ug/kg	320 U	340 U	350 U	330 U	340 U	320 U	320 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U	130 U	130 U
Tetryl	ug/kg	130 U	130 U	140 U	130 U	140 U	130 U	130 U
Nitroglycerin	ug/kg	2600 U	2700 U	2800 U	2600 U	2700 U	2600 U	2600 U
2,6-Diamino-4-nitrotoluene	ug/kg	260 R L	270 U	280 U	260 R L	270 U	260 U	260 R L
2,4-Diamino-6-nitrotoluene	ug/kg	260 R L	270 U	280 U	260 R L	270 U	260 U	260 R L
PETN	ug/kg	2600 U	2700 U	2800 U	2600 U	2700 U	2600 U	2600 U
2-Nitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U	130 U	130 U
3-Nitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U	130 U	130 U
1,3,5-Trinitrobenzene	ug/kg	130 U	130 U	140 U	130 U	140 U	130 U	130 U
4-Nitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U	130 U	130 U
2,4-Dinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U	130 U	130 U
Nitrobenzene	ug/kg	130 U	130 U	140 U	130 U	140 U	130 U	130 U
m-Dinitrobenzene	ug/kg	130 U	130 U	140 U	130 U	140 U	130 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-074-SA5DN-SB-4.0-5.0 05/18/2011 DE155 4 5	SL-074-SA5DN-SB-9.0-10.0 05/18/2011 DE155 9 10	SL-077-SA5DN-SB-4.0-5.0 06/27/2011 DE189 4 5	SL-077-SA5DN-SB-9.0-10.0 06/27/2011 DE189 9 10	SL-078-SA5DN-SB-4.0-5.0 06/27/2011 DE189 4 5	SL-078-SA5DN-SB-9.0-10.0 06/27/2011 DE189 9 10	SL-079-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	--	--	--	--	--	--	--
Methanol	ug/kg	--	--	--	--	--	--	--
2-Propanol	ug/kg	--	--	--	--	--	--	--
Ethylene Glycol	mg/kg	--	--	--	--	--	--	--
Diethylene Glycol	mg/kg	--	--	--	--	--	--	--
Propylene glycol	mg/kg	--	--	--	--	--	--	--
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	140 U	130 U	140 U	130 U
2,4,6-Trinitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	140 U	130 U
RDX	ug/kg	140 U	140 U	140 U	140 U	130 U	140 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	140 U	130 U
HMX	ug/kg	340 U	340 U	350 U	350 U	320 U	350 U	320 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	140 U	130 U
Tetryl	ug/kg	140 U	140 U	140 U	140 U	130 U	140 U	130 U
Nitroglycerin	ug/kg	2700 U	2700 U	2800 U	2800 U	2600 U	2800 U	2500 U
2,6-Diamino-4-nitrotoluene	ug/kg	270 R L, E	270 R L, E	280 U	280 U	260 U	280 U	250 R L
2,4-Diamino-6-nitrotoluene	ug/kg	270 R L, E	270 R L, E	280 U	280 U	260 U	280 U	250 R L
PETN	ug/kg	2700 U	2700 U	2800 U	2800 U	2600 U	2800 U	2500 U
2-Nitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	140 U	130 U
3-Nitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	140 U	130 U
1,3,5-Trinitrobenzene	ug/kg	140 U	140 U	140 U	140 U	130 U	140 U	130 U
4-Nitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	140 U	130 U
2,4-Dinitrotoluene	ug/kg	140 U	140 U	140 U	140 U	130 U	140 U	130 U
Nitrobenzene	ug/kg	140 U	140 U	140 U	140 U	130 U	140 U	130 U
m-Dinitrobenzene	ug/kg	140 U	140 U	140 U	140 U	130 U	140 U	130 U

Sample Name Sample Date SDG Start Depth End Depth		SL-079-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-079-SA5DN-SB-9.0-10.0 05/19/2011 DE156 9 10	SL-080-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-080-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-080-SA5DN-SB-8.0-9.0 05/19/2011 DE156 8 9	SL-081-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-081-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5
Chemical Name	Unit							
Ethanol	ug/kg	--	--	--	--	--	--	--
Methanol	ug/kg	--	--	--	--	--	--	--
2-Propanol	ug/kg	--	--	--	--	--	--	--
Ethylene Glycol	mg/kg	--	--	--	--	--	--	--
Diethylene Glycol	mg/kg	--	--	--	--	--	--	--
Propylene glycol	mg/kg	--	--	--	--	--	--	--
o-Terphenyl	mg/kg	--	--	--	--	--	--	--
m-Terphenyl	mg/kg	--	--	--	--	--	--	--
p-Terphenyl	mg/kg	--	--	--	--	--	--	--
Formaldehyde	ug/kg	--	--	--	--	--	--	--
2,6-Dinitrotoluene	ug/kg	130 U	150 U	130 U	130 U	130 U	130 U	130 U
2,4,6-Trinitrotoluene	ug/kg	130 U	150 U	130 U	130 U	130 U	130 U	130 U
RDX	ug/kg	130 U	150 U	130 U	130 U	130 U	130 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	150 U	130 U	130 U	130 U	130 U	130 U
HMX	ug/kg	340 U	360 U	330 U	330 U	320 U	320 U	330 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	150 U	130 U	130 U	130 U	130 U	130 U
Tetryl	ug/kg	130 U	150 U	130 U	130 U	130 U	130 U	130 U
Nitroglycerin	ug/kg	2700 U	2900 U	2700 U	2600 U	2600 U	2600 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	270 U	290 U	270 R L	260 U	260 U	260 R L	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	270 U	290 U	270 R L	260 U	260 U	260 R L	270 U
PETN	ug/kg	2700 U	2900 U	2700 U	2600 U	2600 U	2600 U	2700 U
2-Nitrotoluene	ug/kg	130 U	150 U	130 U	130 U	130 U	130 U	130 U
3-Nitrotoluene	ug/kg	130 U	150 U	130 U	130 U	130 U	130 U	130 U
1,3,5-Trinitrobenzene	ug/kg	130 U	150 U	130 U	130 U	130 U	130 U	130 U
4-Nitrotoluene	ug/kg	130 U	150 U	130 U	130 U	130 U	130 U	130 U
2,4-Dinitrotoluene	ug/kg	130 U	150 U	130 U	130 U	130 U	130 U	130 U
Nitrobenzene	ug/kg	130 U	150 U	130 U	130 U	130 U	130 U	130 U
m-Dinitrobenzene	ug/kg	130 U	150 U	130 U	130 U	130 U	130 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-081-SA5DN-SB-9.0-10.0 05/23/2011 DE159 9 10	SL-082-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-082-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-083-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-083-SA5DN-SB-4.0-5.0 08/08/2011 DE219 4 5	SL-084-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-084-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5
Chemical Name	Unit							
Ethanol	ug/kg	--	--	--	--	--	--	--
Methanol	ug/kg	--	--	--	--	--	--	--
2-Propanol	ug/kg	--	--	--	--	--	--	--
Ethylene Glycol	mg/kg	--	--	--	--	--	--	--
Diethylene Glycol	mg/kg	--	--	--	--	--	--	--
Propylene glycol	mg/kg	--	--	--	--	--	--	--
o-Terphenyl	mg/kg	--	--	--	--	--	--	--
m-Terphenyl	mg/kg	--	--	--	--	--	--	--
p-Terphenyl	mg/kg	--	--	--	--	--	--	--
Formaldehyde	ug/kg	--	--	--	--	--	--	--
2,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	140 U	140 U	130 U
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	140 U	140 U	130 U
RDX	ug/kg	130 U	130 U	130 U	130 U	140 U	140	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	140 U	140 U	130 U
HMX	ug/kg	320 U	330 U	330 U	330 U	340 U	340 U	330 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	140 U	140 U	130 U
Tetryl	ug/kg	130 U	130 U	130 U	130 U	140 U	140 U	130 U
Nitroglycerin	ug/kg	2600 U	2700 U	2600 U	2700 U	2700 U	2700 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	260 U	270 R L	260 U	270 R L	270 U	270 R L	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	260 U	270 R L	260 U	270 R L	270 U	270 R L	270 U
PETN	ug/kg	2600 U	2700 U	2600 U	2700 U	2700 U	2700 U	2700 U
2-Nitrotoluene	ug/kg	130 U	130 U	130 U	130 U	140 U	140 U	130 U
3-Nitrotoluene	ug/kg	130 U	130 U	130 U	130 U	140 U	140 U	130 U
1,3,5-Trinitrobenzene	ug/kg	130 U	130 U	130 U	130 U	140 U	140 U	130 U
4-Nitrotoluene	ug/kg	130 U	130 U	130 U	130 U	140 U	140 U	130 U
2,4-Dinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	140 U	140 U	130 U
Nitrobenzene	ug/kg	130 U	130 U	130 U	130 U	140 U	140 U	130 U
m-Dinitrobenzene	ug/kg	130 U	130 U	130 U	130 U	140 U	140 U	130 U

Sample Name Sample Date SDG Start Depth End Depth		SL-085-SA5DN-SB-2.5-3.5 06/27/2011 DE189 2.5 3.5	SL-086-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-086-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-087-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-088-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-088-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-089-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	--	580 U	570 U	560 U	--	--	580 UJ Q
Methanol	ug/kg	--	580 U	570 U	560 U	--	--	580 U
2-Propanol	ug/kg	--	580 U	570 U	560 U	--	--	580 U
Ethylene Glycol	mg/kg	--	12 U	11 U	11 U	--	--	12 UJ Q
Diethylene Glycol	mg/kg	--	12 U	11 U	11 U	--	--	12 UJ Q
Propylene glycol	mg/kg	--	12 U	11 U	11 U	--	--	12 UJ Q
o-Terphenyl	mg/kg	--	8.2 U	4.0 U	7.9 U	--	--	4.1 U
m-Terphenyl	mg/kg	--	8.2 U	4.0 U	7.9 U	--	--	4.1 UJ Q
p-Terphenyl	mg/kg	--	8.2 U	4.0 U	7.9 U	--	--	4.1 U
Formaldehyde	ug/kg	--	1700 U	1700 U	1700 U	--	--	1700 U
2,6-Dinitrotoluene	ug/kg	140 U	130 U	130 U	120 U	140 U	130 U	140 U
2,4,6-Trinitrotoluene	ug/kg	140 U	130 U	130 U	120 U	140 U	130 U	140 U
RDX	ug/kg	140 U	120 J Z	130 U	120 U	140 U	130 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	130 U	130 U	120 U	140 U	130 U	140 U
HMX	ug/kg	350 U	330 U	340 UJ L	310 U	340 U	330 UJ L	350 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	130 U	130 U	120 U	140 U	130 U	140 U
Tetryl	ug/kg	140 U	130 U	130 U	120 U	140 U	130 U	140 U
Nitroglycerin	ug/kg	2800 U	2600 U	2700 UJ L	2500 U	2700 U	2700 UJ L	2800 U
2,6-Diamino-4-nitrotoluene	ug/kg	280 U	260 U	270 U	250 U	270 U	270 U	280 U
2,4-Diamino-6-nitrotoluene	ug/kg	280 U	260 U	270 U	250 U	270 U	270 U	280 U
PETN	ug/kg	2800 U	2600 U	2700 U	2500 U	2700 U	2700 U	2800 U
2-Nitrotoluene	ug/kg	140 U	130 U	130 U	120 U	140 U	130 U	140 U
3-Nitrotoluene	ug/kg	140 U	130 U	130 U	120 U	140 U	130 U	140 U
1,3,5-Trinitrobenzene	ug/kg	140 U	130 U	130 U	120 U	140 U	130 U	140 U
4-Nitrotoluene	ug/kg	140 U	130 U	130 U	120 U	140 U	130 U	140 U
2,4-Dinitrotoluene	ug/kg	140 U	130 U	130 U	120 U	140 U	130 U	140 U
Nitrobenzene	ug/kg	140 U	130 U	130 U	120 U	140 U	130 U	140 U
m-Dinitrobenzene	ug/kg	140 U	130 U	130 U	120 U	140 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-089-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5	SL-090-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-097-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-097-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-097-SA5DN-SB-8.5-9.5 06/21/2011 DE185 8.5 9.5	SL-098-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-098-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5
Chemical Name	Unit							
Ethanol	ug/kg	550 U	620 U	560 U	590 U	560 U	560 U	580 U
Methanol	ug/kg	550 U	620 U	560 U	590 U	560 U	560 U	580 U
2-Propanol	ug/kg	550 U	620 U	560 U	590 U	560 U	560 U	580 U
Ethylene Glycol	mg/kg	11 U	12 U	11 U	12 U	11 U	11 U	12 U
Diethylene Glycol	mg/kg	11 U	12 U	11 U	12 U	11 U	11 U	12 U
Propylene glycol	mg/kg	11 U	12 U	11 U	12 U	11 U	11 U	12 U
o-Terphenyl	mg/kg	3.9 U	8.7 U	3.9 U	4.1 U	3.9 U	3.9 U	4.1 U
m-Terphenyl	mg/kg	3.9 U	8.7 U	3.9 U	4.1 UJ Q	3.9 U	3.9 U	4.1 U
p-Terphenyl	mg/kg	3.9 U	8.7 U	3.9 U	4.1 U	3.9 U	3.9 U	4.1 U
Formaldehyde	ug/kg	1700 UJ L	3700 U	1700 U	1800 U	1700 U	1700 U	1700 U
2,6-Dinitrotoluene	ug/kg	130 U	150 U	130 U	140 U	130 U	130 U	140 U
2,4,6-Trinitrotoluene	ug/kg	130 U	150 U	130 U	140 U	130 U	130 U	140 U
RDX	ug/kg	130 U	150 U	130 U	140 U	130 U	130 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	150 U	130 U	140 U	130 U	130 U	140 U
HMX	ug/kg	330 U	370 U	340 U	350 U	330 U	330 U	350 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	150 U	130 U	140 U	130 U	130 U	140 U
Tetryl	ug/kg	130 U	150 U	130 U	140 U	130 U	130 U	140 U
Nitroglycerin	ug/kg	2600 U	3000 U	2700 U	2800 U	2600 U	2600 U	2800 U
2,6-Diamino-4-nitrotoluene	ug/kg	260 U	300 U	270 U	280 U	260 U	260 U	280 U
2,4-Diamino-6-nitrotoluene	ug/kg	260 U	300 U	270 U	280 U	260 U	260 U	280 U
PETN	ug/kg	2600 U	3000 U	2700 U	2800 U	2600 U	2600 U	2800 U
2-Nitrotoluene	ug/kg	130 U	150 U	130 U	140 U	130 U	130 U	140 U
3-Nitrotoluene	ug/kg	130 U	150 U	130 U	140 U	130 U	130 U	140 U
1,3,5-Trinitrobenzene	ug/kg	130 U	150 U	130 U	140 U	130 U	130 U	140 U
4-Nitrotoluene	ug/kg	130 U	150 U	130 U	140 U	130 U	130 U	140 U
2,4-Dinitrotoluene	ug/kg	130 U	150 U	130 U	140 U	130 U	130 U	140 U
Nitrobenzene	ug/kg	130 U	150 U	130 U	140 U	130 U	130 U	140 U
m-Dinitrobenzene	ug/kg	130 U	150 U	58 J Z	140 U	130 U	130 U	140 U

Sample Name Sample Date SDG Start Depth End Depth		SL-098-SA5DN-SB-7.0-8.0 06/21/2011 DE185 7 8	SL-099-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-099-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-102-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-102-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-103-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-103-SA5DN-SB-4.0-5.0 06/24/2011 DE188 4 5
Chemical Name	Unit							
Ethanol	ug/kg	590 U	530 U	560 U	550 U	530 U	550 U	550 U
Methanol	ug/kg	590 U	530 U	560 U	550 U	530 U	550 U	550 U
2-Propanol	ug/kg	590 U	530 U	560 U	550 U	530 U	550 U	550 U
Ethylene Glycol	mg/kg	12 U	11 U	11 U	11 U	11 UJ Q	11 U	11 UJ Q
Diethylene Glycol	mg/kg	12 U	11 U	11 U	11 U	11 UJ Q	11 U	11 UJ Q
Propylene glycol	mg/kg	12 U	11 U	11 U	11 U	11 U	11 U	11 U
o-Terphenyl	mg/kg	4.1 U	3.7 U	3.9 U	3.8 U	3.7 U	3.8 U	3.8 U
m-Terphenyl	mg/kg	4.1 U	3.7 U	3.9 U	3.8 U	3.7 U	3.8 U	3.8 U
p-Terphenyl	mg/kg	4.1 U	3.7 U	3.9 U	3.8 U	3.7 U	3.8 U	3.8 U
Formaldehyde	ug/kg	1800 U	1600 U	1700 U	1600 U	1600 U	1600 U	1600 U
2,6-Dinitrotoluene	ug/kg	140 U	130 U	130 U	130 U	130 U	130 U	130 U
2,4,6-Trinitrotoluene	ug/kg	140 U	130 U	130 U	130 U	130 U	130 U	130 U
RDX	ug/kg	140 U	130 U	130 U	130 U	130 U	130 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	130 U	130 U	130 U	130 U	130 U	130 U
HMX	ug/kg	340 U	310 U	320 U	320 U	320 U	320 U	330 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	130 U	130 U	130 U	130 U	130 U	130 U
Tetryl	ug/kg	140 U	130 U	130 U	130 U	130 U	130 U	130 U
Nitroglycerin	ug/kg	2700 U	2500 U	2600 U	2600 U	2600 U	2500 U	2600 U
2,6-Diamino-4-nitrotoluene	ug/kg	270 U	250 U	260 U	260 U	260 U	250 U	260 U
2,4-Diamino-6-nitrotoluene	ug/kg	270 U	250 U	260 U	260 U	260 U	250 U	260 U
PETN	ug/kg	2700 U	2500 U	2600 U	2600 U	2600 U	2500 U	2600 U
2-Nitrotoluene	ug/kg	140 U	130 U	130 U	130 U	130 U	130 U	130 U
3-Nitrotoluene	ug/kg	140 U	130 U	130 U	130 U	130 U	130 U	130 U
1,3,5-Trinitrobenzene	ug/kg	140 U	130 U	130 U	130 U	130 U	130 U	130 U
4-Nitrotoluene	ug/kg	140 U	130 U	130 U	130 U	130 U	130 U	130 U
2,4-Dinitrotoluene	ug/kg	140 U	130 U	130 U	130 U	130 U	130 U	130 U
Nitrobenzene	ug/kg	140 U	130 U	130 U	130 U	130 U	130 U	130 U
m-Dinitrobenzene	ug/kg	140 U	130 U	130 U	51 J Z	130 U	45 J Z	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-103-SA5DN-SB-7.0-8.0 06/24/2011 DE188 7 8	SL-104-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-104-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-105-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-105-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-106-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-106-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5
Chemical Name	Unit							
Ethanol	ug/kg	590 U	530 U	560 U	530 U	550 U	530 U	560 U
Methanol	ug/kg	590 U	530 U	560 U	530 U	550 U	530 U	560 U
2-Propanol	ug/kg	590 U	530 U	560 U	530 U	550 U	530 U	560 U
Ethylene Glycol	mg/kg	12 U	11 U	11 U	11 U	11 U	11 U	11 U
Diethylene Glycol	mg/kg	12 U	11 U	11 U	11 U	11 U	11 U	11 U
Propylene glycol	mg/kg	12 U	11 U	11 U	11 U	11 U	11 U	11 U
o-Terphenyl	mg/kg	4.1 U	3.7 U	3.9 U	3.7 U	3.9 U	3.7 U	3.9 U
m-Terphenyl	mg/kg	4.1 U	3.7 U	3.9 U	3.7 U	3.9 U	3.7 U	3.9 U
p-Terphenyl	mg/kg	4.1 U	3.7 U	3.9 U	3.7 U	3.9 U	3.7 U	3.9 U
Formaldehyde	ug/kg	1800 U	1600 U	1700 U	1600 U	1600 U	1600 U	1700 U
2,6-Dinitrotoluene	ug/kg	140 U	130 U	120 U	120 U	120 U	130 U	130 U
2,4,6-Trinitrotoluene	ug/kg	140 U	130 U	120 U	120 U	120 U	130 U	130 U
RDX	ug/kg	140 U	130 U	120 U	120 U	120 U	130 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	130 U	120 U	120 U	120 U	130 U	130 U
HMX	ug/kg	350 U	310 U	310 U	310 U	300 U	320 U	320 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	130 U	120 U	120 U	120 U	130 U	130 U
Tetryl	ug/kg	140 U	130 U	120 U	120 U	120 U	130 U	130 U
Nitroglycerin	ug/kg	2800 U	2500 U	2400 U	2500 U	2400 U	2600 U	2600 U
2,6-Diamino-4-nitrotoluene	ug/kg	280 U	250 U	240 U	250 U	240 U	260 U	260 U
2,4-Diamino-6-nitrotoluene	ug/kg	280 U	250 U	240 U	250 U	240 U	260 U	260 U
PETN	ug/kg	2800 U	2500 U	2400 U	2500 U	2400 U	2600 U	2600 U
2-Nitrotoluene	ug/kg	140 U	130 U	120 U	120 U	120 U	130 U	130 U
3-Nitrotoluene	ug/kg	140 U	130 U	120 U	120 U	120 U	130 U	130 U
1,3,5-Trinitrobenzene	ug/kg	140 U	130 U	120 U	120 U	120 U	130 U	130 U
4-Nitrotoluene	ug/kg	140 U	130 U	120 U	120 U	120 U	130 U	130 U
2,4-Dinitrotoluene	ug/kg	140 U	130 U	120 U	120 U	120 U	130 U	130 U
Nitrobenzene	ug/kg	140 U	130 U	120 U	120 U	120 U	130 U	130 U
m-Dinitrobenzene	ug/kg	140 U	130 U	120 U	120 U	120 U	130 U	130 U

Sample Name Sample Date SDG Start Depth End Depth		SL-106-SA5DN-SB-9.0-10.0 06/23/2011 DE187 9 10	SL-107-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-107-SA5DN-SB-3.5-4.5 06/23/2011 DE187 3.5 4.5	SL-109-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-109-SA5DN-SB-3.5-4.5 06/23/2011 DE187 3.5 4.5	SL-110-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-110-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5
Chemical Name	Unit							
Ethanol	ug/kg	560 U	520 U	550 U	540 U	530 U	550 U	550 U
Methanol	ug/kg	560 U	520 U	550 U	540 U	530 U	550 U	550 U
2-Propanol	ug/kg	560 U	520 U	550 U	540 U	530 U	550 U	550 U
Ethylene Glycol	mg/kg	11 U	10 U	11 U	11 U	11 U	11 U	11 U
Diethylene Glycol	mg/kg	11 U	10 U J Q	11 U	11 U	11 U	11 U	11 U
Propylene glycol	mg/kg	11 U	10 U	11 U	11 U	11 U	11 U	11 U
o-Terphenyl	mg/kg	3.9 U	3.6 U	3.8 U	3.8 U	3.7 U	3.8 U	3.8 U
m-Terphenyl	mg/kg	3.9 U	3.6 U	3.8 U	3.8 U	3.7 U	3.8 U	3.8 U
p-Terphenyl	mg/kg	3.9 U	3.6 U	3.8 U	3.8 U	3.7 U	3.8 U	3.8 U
Formaldehyde	ug/kg	1700 U	1500 U	1600 U	1600 U	1600 U	1600 U	1600 U
2,6-Dinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	120 U	130 U	130 U
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	120 U	130 U	130 U
RDX	ug/kg	130 U	130 U	120 U	130 U	120 U	130 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	120 U	130 U	130 U
HMX	ug/kg	320 U	310 U	310 U	330 U	290 U	320 U	330 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	120 U	130 U	130 U
Tetryl	ug/kg	130 U	130 U	120 U	130 U	120 U	130 U	130 U
Nitroglycerin	ug/kg	2600 U	2500 U	2500 U	2600 U	2300 U	2600 U	2600 U
2,6-Diamino-4-nitrotoluene	ug/kg	260 U	250 U	250 U	260 U	230 U	260 U	260 U
2,4-Diamino-6-nitrotoluene	ug/kg	260 U	250 U	250 U	260 U	230 U	260 U	260 U
PETN	ug/kg	2600 U	2500 U	2500 U	2600 U	2300 U	2600 U	2600 U
2-Nitrotoluene	ug/kg	130 U	130 U	120 U	130 U	120 U	130 U	130 U
3-Nitrotoluene	ug/kg	130 U	130 U	120 U	130 U	120 U	130 U	130 U
1,3,5-Trinitrobenzene	ug/kg	130 U	130 U	120 U	130 U	120 U	130 U	130 U
4-Nitrotoluene	ug/kg	130 U	130 U	120 U	130 U	120 U	130 U	130 U
2,4-Dinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	120 U	130 U	130 U
Nitrobenzene	ug/kg	130 U	130 U	120 U	130 U	120 U	130 U	130 U
m-Dinitrobenzene	ug/kg	130 U	130 U	120 U	130 U	120 U	53 J Z	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-111-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-111-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-112-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-112-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-113-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-113-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-117-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	560 U	570 U	550 U	580 U	550 U	600 U	550 U
Methanol	ug/kg	560 U	570 U	550 U	580 U	550 U	600 U	550 U
2-Propanol	ug/kg	560 U	570 U	550 U	580 U	550 U	600 U	550 U
Ethylene Glycol	mg/kg	11 U	11 U	11 U	12 UJ Q	11 U	12 U	11 UJ Q
Diethylene Glycol	mg/kg	11 U	11 U	11 U	12 UJ Q	11 U	12 U	11 UJ Q
Propylene glycol	mg/kg	11 U	11 U	11 U	12 U	11 U	12 U	11 UJ Q
o-Terphenyl	mg/kg	3.9 U	4.0 U	3.8 U	4.1 U	3.8 U	4.2 U	3.9 U
m-Terphenyl	mg/kg	3.9 U	4.0 U	3.8 U	4.1 UJ Q	3.8 U	4.2 U	3.9 U
p-Terphenyl	mg/kg	3.9 U	4.0 U	3.8 U	4.1 U	3.8 U	4.2 U	2.2 J Q, E, Z
Formaldehyde	ug/kg	1700 U	1700 U	1600 U	1800 U	1600 U	1800 U	1700 U
2,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	140 U	130 U
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	140 U	130 U
RDX	ug/kg	130 U	130 U	130 U	130 U	130 U	140 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	140 U	130 U
HMX	ug/kg	310 U	330 U	320 U	340 U	330 U	340 U	330 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	140 U	130 U
Tetryl	ug/kg	130 U	130 U	130 U	130 U	130 U	140 U	130 U
Nitroglycerin	ug/kg	2500 U	2700 U	2600 U	2700 U	2600 U	2800 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	250 U	270 U	260 U	270 U	260 U	280 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	250 U	270 U	260 U	270 U	260 U	280 U	270 U
PETN	ug/kg	2500 U	2700 U	2600 U	2700 U	2600 U	2800 U	2700 U
2-Nitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	140 U	130 U
3-Nitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	140 U	130 U
1,3,5-Trinitrobenzene	ug/kg	130 U	130 U	130 U	130 U	130 U	140 U	130 U
4-Nitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	140 U	130 U
2,4-Dinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	140 U	130 U
Nitrobenzene	ug/kg	130 U	130 U	130 U	130 U	130 U	140 U	130 U
m-Dinitrobenzene	ug/kg	43 J Z	130 U	130 U	130 U	130 U	140 U	130 U

Sample Name Sample Date SDG Start Depth End Depth		SL-117-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5	SL-118-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-118-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5	SL-119-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-119-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5	SL-120-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-120-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5
Chemical Name	Unit							
Ethanol	ug/kg	560 U	550 U	550 U	550 U	570 U	550 U	560 U
Methanol	ug/kg	560 U	550 U	550 U	550 U	570 U	550 U	560 U
2-Propanol	ug/kg	560 U	550 U	550 U	550 U	570 U	550 U	560 U
Ethylene Glycol	mg/kg	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Diethylene Glycol	mg/kg	11 U	11 U	11 U	11 U	11 U	11 U	11 U
Propylene glycol	mg/kg	11 U	11 U	11 U	11 U	11 U	11 U	11 U
o-Terphenyl	mg/kg	3.9 U	3.9 U	3.9 U	19 U	4.0 U	7.7 U	3.9 U
m-Terphenyl	mg/kg	3.9 U	3.9 U	3.9 U	19 U	4.0 U	7.7 U	3.9 U
p-Terphenyl	mg/kg	3.9 U	3.9 U	3.9 U	12 J Z	4.0 U	6.6 J Z	3.9 U
Formaldehyde	ug/kg	1700 U	1600 U	1700 U	1600 U	1700 U	1600 U	1700 U
2,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	130 U
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	130 U
RDX	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	130 U
HMX	ug/kg	320 U	330 U	330 U	330 U	340 U	320 U	330 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	130 U
Tetryl	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	130 U
Nitroglycerin	ug/kg	2600 U	2600 U	2700 U	2700 U	2700 U	2600 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	260 U	260 U	270 U	270 U	270 U	260 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	260 U	260 U	270 U	270 U	270 U	260 U	270 U
PETN	ug/kg	2600 U	2600 U	2700 U	2700 U	2700 U	2600 U	2700 U
2-Nitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	130 U
3-Nitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	130 U
1,3,5-Trinitrobenzene	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	130 U
4-Nitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	130 U
2,4-Dinitrotoluene	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	130 U
Nitrobenzene	ug/kg	130 U	130 U	130 U	130 U	130 U	130 U	130 U
m-Dinitrobenzene	ug/kg	130 U	130 U	130 U	130 U	130 U	130 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-121-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-121-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-121-SA5DN-SB-8.0-9.0 06/21/2011 DE185 8 9	SL-125-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-125-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-125-SA5DN-SB-9.0-10.0 06/21/2011 DE185 9 10	SL-132-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	540 U	560 U	530 U	550 U	570 U	530 U	510 U
Methanol	ug/kg	540 U	560 U	530 U	550 U	570 U	530 U	510 U
2-Propanol	ug/kg	540 U	560 U	530 U	550 U	570 U	530 U	510 U
Ethylene Glycol	mg/kg	11 U	11 U	11 U	11 U	11 U	11 U	10 U
Diethylene Glycol	mg/kg	11 U	11 U	11 U	11 U	11 U	11 U	10 U
Propylene glycol	mg/kg	11 U	11 U	11 U	11 U	11 U	11 U	10 U
o-Terphenyl	mg/kg	38 U	3.9 U	3.7 U	3.8 U	4.0 U	3.7 U	3.6 U
m-Terphenyl	mg/kg	38 U	3.9 U	3.7 U	3.8 U	4.0 U	3.7 U	3.6 U
p-Terphenyl	mg/kg	28 J Z	3.9 U	3.7 U	3.8 U	4.0 U	3.7 U	3.6 U
Formaldehyde	ug/kg	1600 U	1700 U	1600 U	1600 U	1700 U	1600 U	2800 J Z
2,6-Dinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	130 U	110 U
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	130 U	110 U
RDX	ug/kg	130 U	130 U	120 U	130 U	130 U	130 U	110 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	130 U	110 U
HMX	ug/kg	320 U	330 U	310 U	330 U	330 U	320 U	280 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	130 U	110 U
Tetryl	ug/kg	130 U	130 U	120 U	130 U	130 U	130 U	110 U
Nitroglycerin	ug/kg	2600 U	2600 U	2500 U	2600 U	2600 U	2600 U	2300 U
2,6-Diamino-4-nitrotoluene	ug/kg	260 U	260 U	250 U	260 U	260 U	260 U	230 U
2,4-Diamino-6-nitrotoluene	ug/kg	260 U	260 U	250 U	260 U	260 U	260 U	230 U
PETN	ug/kg	2600 U	2600 U	2500 U	2600 U	2600 U	2600 U	2300 U
2-Nitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	130 U	110 U
3-Nitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	130 U	110 U
1,3,5-Trinitrobenzene	ug/kg	130 U	130 U	120 U	130 U	130 U	130 U	110 U
4-Nitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	130 U	110 U
2,4-Dinitrotoluene	ug/kg	130 U	130 U	120 U	130 U	130 U	130 U	110 U
Nitrobenzene	ug/kg	130 U	130 U	120 U	130 U	130 U	130 U	110 U
m-Dinitrobenzene	ug/kg	130 U	130 U	120 U	51 J Z	130 U	130 U	110 U

Sample Name Sample Date SDG Start Depth End Depth		SL-132-SA5DN-SB-4.0-5.0 06/28/2011 DE190 4 5	SL-133-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-133-SA5DN-SB-4.0-5.0 05/25/2011 DE162 4 5	SL-134-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-135-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-136-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-137-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	560 U	510 U	570 U	520 U	510 U	510 U	510 U
Methanol	ug/kg	560 U B	510 U	570 U	520 U	510 U	510 U	510 U
2-Propanol	ug/kg	560 U	510 U	570 U	520 U	510 U	510 U	510 U
Ethylene Glycol	mg/kg	11 U	10 U	11 U	10 U	10 U	10 U	10 U
Diethylene Glycol	mg/kg	11 U	10 U	11 U	10 U	10 U	10 U	10 U
Propylene glycol	mg/kg	11 U	10 U	11 U	10 U	10 U	10 U	10 U
o-Terphenyl	mg/kg	3.9 U	3.6 U	4.0 U	3.6 U	3.6 U	3.6 U	3.6 U
m-Terphenyl	mg/kg	3.9 U J Q	3.6 U	4.0 U	3.6 U	3.6 U	3.6 U	3.6 U
p-Terphenyl	mg/kg	3.9 U	3.6 U	4.0 U	3.6 U	3.6 U	3.6 U	3.6 U
Formaldehyde	ug/kg	1600 U	1800	1700 U	1000 J Z	1200 J Z	1200 J Z	1200 J Z
2,6-Dinitrotoluene	ug/kg	130 U	120 U	140 U	120 U	110 U	110 U	110 U
2,4,6-Trinitrotoluene	ug/kg	130 U	120 U	140 U	120 U	110 U	110 U	110 U
RDX	ug/kg	130 U	120 U	140 U	120 U	110 U	110 U	110 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	120 U	140 U	120 U	110 U	110 U	110 U
HMX	ug/kg	320 U	300 U	340 U	290 U	280 U	280 U	280 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	120 U	140 U	120 U	110 U	110 U	110 U
Tetryl	ug/kg	130 U	120 U	140 U	120 U	110 U	110 U	110 U
Nitroglycerin	ug/kg	2600 U	2400 U	2700 U	2300 U	2300 U	2300 U	2300 U
2,6-Diamino-4-nitrotoluene	ug/kg	260 U	240 U	270 U	230 U	230 U	230 U	230 U
2,4-Diamino-6-nitrotoluene	ug/kg	260 U	240 U	270 U	230 U	230 U	230 U	230 U
PETN	ug/kg	2600 U	2400 U	2700 U	2300 U	2300 U	2300 U	2300 U
2-Nitrotoluene	ug/kg	130 U	120 U	140 U	120 U	110 U	110 U	110 U
3-Nitrotoluene	ug/kg	130 U	120 U	140 U	120 U	110 U	110 U	110 U
1,3,5-Trinitrobenzene	ug/kg	130 U	120 U	140 U	120 U	110 U	110 U	110 U
4-Nitrotoluene	ug/kg	130 U	120 U	140 U	120 U	110 U	110 U	110 U
2,4-Dinitrotoluene	ug/kg	130 U	120 U	140 U	120 U	110 U	110 U	110 U
Nitrobenzene	ug/kg	130 U	120 U	140 U	120 U	110 U	110 U	110 U
m-Dinitrobenzene	ug/kg	130 U	120 U	140 U	120 U	110 U	110 U	110 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-138-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-139-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-139-SA5DN-SB-2.0-3.0 05/24/2011 DE161 2 3	SL-140-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-140-SA5DN-SB-2.0-3.0 05/25/2011 DE162 2 3	SL-141-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-141-SA5DN-SB-4.0-5.0 06/28/2011 DE190 4 5
Chemical Name	Unit							
Ethanol	ug/kg	510 U	510 U	560 U	510 U	530 U	530 U	550 U
Methanol	ug/kg	510 U	510 U	560 U	130 J Z	530 U	530 U	550 U B
2-Propanol	ug/kg	510 U	510 U	560 U	150 J Z	530 U	530 U	550 U
Ethylene Glycol	mg/kg	10 UJ Q	10 U	11 U	10 U	11 U	11 U	11 U
Diethylene Glycol	mg/kg	10 UJ Q	10 U	11 U	10 U	11 U	11 U	11 U
Propylene glycol	mg/kg	10 UJ Q	10 U	11 U	10 U	11 U	11 U	11 U
o-Terphenyl	mg/kg	3.6 U	3.5 U	3.9 U	3.6 U	3.7 U	3.7 U	3.8 U
m-Terphenyl	mg/kg	3.6 U	3.5 U	3.9 U	3.6 U	3.7 U	3.7 U	3.8 U
p-Terphenyl	mg/kg	3.6 U	3.5 U	3.9 U	3.6 U	3.7 U	3.7 U	3.8 U
Formaldehyde	ug/kg	2100	1400 J Z	1700 U	3500	1600 U	1900	1600 U
2,6-Dinitrotoluene	ug/kg	110 U	120 U	130 U	120 U	130 U	130 U	130 U
2,4,6-Trinitrotoluene	ug/kg	110 U	120 U	130 U	120 U	130 U	130 U	130 U
RDX	ug/kg	110 U	120 U	130 U	120 U	130 U	150 U	130 U
4-Amino-2,6-Dinitrotoluene	ug/kg	110 U	120 U	130 U	120 U	130 U	130 U	130 U
HMX	ug/kg	290 U	300 U	320 U	290 U	320 U	310 U	320 U
2-Amino-4,6-Dinitrotoluene	ug/kg	110 U	120 U	130 U	120 U	130 U	130 U	130 U
Tetryl	ug/kg	110 U	120 U	130 U	120 U	130 U	130 U	130 U
Nitroglycerin	ug/kg	2300 U	2400 U	2600 U	2300 U	2600 U	2500 U	2500 U
2,6-Diamino-4-nitrotoluene	ug/kg	230 U	240 U	260 U	230 U	260 U	250 U	250 U
2,4-Diamino-6-nitrotoluene	ug/kg	230 U	240 U	260 U	230 U	260 U	250 U	250 U
PETN	ug/kg	2300 U	2400 U	2600 U	2300 U	2600 U	2500 U	2500 U
2-Nitrotoluene	ug/kg	110 U	120 U	130 U	120 U	130 U	130 U	130 U
3-Nitrotoluene	ug/kg	110 U	120 U	130 U	120 U	130 U	130 U	130 U
1,3,5-Trinitrobenzene	ug/kg	110 U	120 U	130 U	120 U	130 U	130 U	130 U
4-Nitrotoluene	ug/kg	110 U	120 U	130 U	120 U	130 U	130 U	130 U
2,4-Dinitrotoluene	ug/kg	110 U	120 U	130 U	120 U	130 U	130 U	130 U
Nitrobenzene	ug/kg	110 U	120 U	130 U	120 U	130 U	130 U	130 U
m-Dinitrobenzene	ug/kg	110 U	120 U	130 U	120 U	130 U	130 U	130 U

Sample Name Sample Date SDG Start Depth End Depth		SL-171-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-175-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-175-SA5DN-SB-4.0-5.0 08/01/2011 DE213 4 5	SL-175-SA5DN-SB-9.0-10.0 08/01/2011 DE213 9 10	SL-179-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-179-SA5DN-SB-4.0-5.0 07/27/2011 DE210 4 5	SL-179-SA5DN-SB-9.0-10.0 07/27/2011 DE210 9 10
Chemical Name	Unit							
Ethanol	ug/kg	530 U	540 U	550 U	570 U	520 U	520 U	570 U
Methanol	ug/kg	530 U	540 U	550 U	570 U	520 U	520 U	570 U
2-Propanol	ug/kg	530 U	540 U	550 U	570 U	520 U	520 U	570 U
Ethylene Glycol	mg/kg	11 U	11 U	11 UJ Q	11 U	10 U	10 U	11 U
Diethylene Glycol	mg/kg	11 U	11 U	11 UJ Q	11 U	10 U	10 U	11 U
Propylene glycol	mg/kg	11 U	11 U	11 UJ Q	11 U	10 U	10 U	11 U
o-Terphenyl	mg/kg	3.7 U	3.7 U	3.9 U	4.0 U	3.6 U	3.6 U	4.0 U
m-Terphenyl	mg/kg	3.7 U	3.7 U	3.9 UJ Q	4.0 U	3.6 U	3.6 U	4.0 U
p-Terphenyl	mg/kg	3.7 U	3.7 U	3.9 UJ Q	4.0 U	3.6 U	3.6 U	4.0 U
Formaldehyde	ug/kg	6400 U	1600 U	1600 U	1700 U	1600 U	1600 U	1700 U
2,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	140 U	130 U	120 U	140 U
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	130 U	140 U	130 U	120 U	140 U
RDX	ug/kg	130 U	130 U	130 U	140 U	130 U	120 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	140 U	130 U	120 U	140 U
HMX	ug/kg	310 U	320 U	330 U	340 U	310 U	310 U	340 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	130 U	140 U	130 U	120 U	140 U
Tetryl	ug/kg	130 U	130 U	130 U	140 U	130 U	120 U	140 U
Nitroglycerin	ug/kg	2500 U	2600 U	2600 UJ L	2800 UJ L	2500 U	2500 UJ L	2700 UJ L
2,6-Diamino-4-nitrotoluene	ug/kg	250 U	260 U	260 U	280 U	250 U	250 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	250 U	260 U	260 U	280 U	250 U	250 U	270 U
PETN	ug/kg	2500 U	2600 U	2600 U	2800 U	2500 U	2500 U	2700 U
2-Nitrotoluene	ug/kg	130 U	130 U	130 U	140 U	130 U	120 U	140 U
3-Nitrotoluene	ug/kg	130 U	130 U	130 U	140 U	130 U	120 U	140 U
1,3,5-Trinitrobenzene	ug/kg	130 U	130 U	130 U	140 U	130 U	120 U	140 U
4-Nitrotoluene	ug/kg	130 U	130 U	130 U	140 U	130 U	120 U	140 U
2,4-Dinitrotoluene	ug/kg	130 U	130 U	130 U	140 U	130 U	120 U	140 U
Nitrobenzene	ug/kg	130 U	130 U	130 U	140 U	130 U	120 U	140 U
m-Dinitrobenzene	ug/kg	130 U	130 U	130 U	140 U	130 U	120 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-186-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-186-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5	SL-186-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10	SL-191-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-191-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-191-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-192-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5
Chemical Name	Unit							
Ethanol	ug/kg	570 U	580 U	570 U	550 U	580 U	590 U	620 U
Methanol	ug/kg	570 U	580 U	570 U	550 U	580 U	590 U	620 U
2-Propanol	ug/kg	570 U	580 U	570 U	550 U	580 U	590 U	620 U
Ethylene Glycol	mg/kg	11 U	12 U	11 U	11 U	12 U	12 U	12 U
Diethylene Glycol	mg/kg	11 U	12 U	11 U	11 U	12 U	12 U	12 U
Propylene glycol	mg/kg	11 U	12 U	11 U	11 U	12 U	12 U	12 U
o-Terphenyl	mg/kg	4.0 U	4.1 U	4.0 U	3.8 U	4.1 U	4.1 U	4.3 U
m-Terphenyl	mg/kg	4.0 U	4.1 UJ Q	4.0 U	3.8 U	4.1 U	4.1 U	4.3 U
p-Terphenyl	mg/kg	4.0 U	4.1 U	4.0 U	3.8 U	4.1 U	4.1 U	4.3 U
Formaldehyde	ug/kg	1700 U	1800 U	1700 UJ Q	1600 U	1700 U	1800 U	1800 U
2,6-Dinitrotoluene	ug/kg	130 U	140 U	140 U	130 U	140 U	140 U	150 U
2,4,6-Trinitrotoluene	ug/kg	130 U	140 U	140 U	130 U	140 U	140 U	150 U
RDX	ug/kg	130 U	140 U	140 U	68 J Z	140 U	140 U	150 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	140 U	140 U	130 U	140 U	140 U	150 U
HMX	ug/kg	320 U	350 U	340 U	330 U	350 U	350 U	370 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	140 U	140 U	130 U	140 U	140 U	150 U
Tetryl	ug/kg	130 U	140 U	140 U	130 U	140 U	140 U	150 U
Nitroglycerin	ug/kg	2600 U	2800 U	2700 U	2600 U	2800 U	2800 U	3000 U
2,6-Diamino-4-nitrotoluene	ug/kg	260 U	280 U	270 U	260 U	280 U	280 U	300 U
2,4-Diamino-6-nitrotoluene	ug/kg	260 U	280 U	270 U	260 U	280 U	280 U	300 U
PETN	ug/kg	2600 U	2800 U	2700 U	2600 U	2800 U	2800 U	3000 U
2-Nitrotoluene	ug/kg	130 U	140 U	140 U	130 U	140 U	140 U	150 U
3-Nitrotoluene	ug/kg	130 U	140 U	140 U	130 U	140 U	140 U	150 U
1,3,5-Trinitrobenzene	ug/kg	130 U	140 U	140 U	130 U	140 U	140 U	150 U
4-Nitrotoluene	ug/kg	130 U	140 U	140 U	130 U	140 U	140 U	150 U
2,4-Dinitrotoluene	ug/kg	130 U	140 U	140 U	130 U	140 U	140 U	150 U
Nitrobenzene	ug/kg	130 U	140 U	140 U	130 U	140 U	140 U	150 U
m-Dinitrobenzene	ug/kg	130 U	140 U	140 U	130 U	140 U	140 U	150 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-192-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5	SL-192-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10	SL-197-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-197-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-197-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-198-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-198-SA5DN-SB-4.0-5.0 08/05/2011 DE218 4 5
Chemical Name	Unit							
Ethanol	ug/kg	580 U	590 U	580 U	590 U	600 U	550 U	580 U
Methanol	ug/kg	580 U	590 U	580 U	590 U	600 U	550 U	580 U
2-Propanol	ug/kg	580 U	590 U	580 U	590 U	600 U	550 U	580 U
Ethylene Glycol	mg/kg	12 U	12 U	12 U	7.0 J Z	12 U	11 U	12 U
Diethylene Glycol	mg/kg	12 U	12 U	12 U	12 U	12 U	11 U	12 U
Propylene glycol	mg/kg	12 U	12 U	12 U	12 U	12 U	11 U	12 U
o-Terphenyl	mg/kg	4.1 U	4.1 U	4.1 U	4.1 U	4.2 U	3.8 U	4.1 U
m-Terphenyl	mg/kg	4.1 U	4.1 U	4.1 U	4.1 U	4.2 U	3.8 U	4.1 U
p-Terphenyl	mg/kg	4.1 U	4.1 U	4.1 U	4.1 U	4.2 U	3.8 U	4.1 U
Formaldehyde	ug/kg	1700 U	1800 U	1700 U	1800 U	1800 U	1700 U	1700 U
2,6-Dinitrotoluene	ug/kg	140 U	140 U	140 U	130 U	140 U	130 U	140 U
2,4,6-Trinitrotoluene	ug/kg	140 U	140 U	140 U	130 U	140 U	130 U	140 U
RDX	ug/kg	140 U	140 U	140 U	130 U	140 U	130 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	140 U	140 U	140 U	130 U	140 U	130 U	140 U
HMX	ug/kg	350 U	350 U	350 U	330 U	350 U	330 U	350 U
2-Amino-4,6-Dinitrotoluene	ug/kg	140 U	140 U	140 U	130 U	140 U	130 U	140 U
Tetryl	ug/kg	140 U	140 U	140 U	130 U	140 U	130 U	140 U
Nitroglycerin	ug/kg	2800 U	2800 U	2800 U	2700 U	2800 U	2600 U	2800 U
2,6-Diamino-4-nitrotoluene	ug/kg	280 U	280 U	280 U	270 U	280 U	260 U	280 U
2,4-Diamino-6-nitrotoluene	ug/kg	280 U	280 U	280 U	270 U	280 U	260 U	280 U
PETN	ug/kg	2800 U	2800 U	2800 U	2700 U	2800 U	2600 U	2800 U
2-Nitrotoluene	ug/kg	140 U	140 U	140 U	130 U	140 U	130 U	140 U
3-Nitrotoluene	ug/kg	140 U	140 U	140 U	130 U	140 U	130 U	140 U
1,3,5-Trinitrobenzene	ug/kg	140 U	140 U	140 U	130 U	140 U	130 U	140 U
4-Nitrotoluene	ug/kg	140 U	140 U	140 U	130 U	140 U	130 U	140 U
2,4-Dinitrotoluene	ug/kg	140 U	140 U	140 U	130 U	140 U	130 U	140 U
Nitrobenzene	ug/kg	140 U	140 U	140 U	130 U	140 U	130 U	140 U
m-Dinitrobenzene	ug/kg	140 U	140 U	140 U	130 U	140 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-198-SA5DN-SB-9.0-10.0 08/05/2011 DE218 9 10	SL-206-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-206-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-207-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-207-SA5DN-SB-4.0-5.0 08/11/2011 DE222 4 5
Chemical Name	Unit					
Ethanol	ug/kg	560 U	--	--	540 U	570 U
Methanol	ug/kg	560 U	--	--	540 U	570 U
2-Propanol	ug/kg	560 U	--	--	540 U	570 U
Ethylene Glycol	mg/kg	11 U	--	--	11 U	11 U
Diethylene Glycol	mg/kg	11 U	--	--	11 U	11 U
Propylene glycol	mg/kg	11 U	--	--	11 U	11 U
o-Terphenyl	mg/kg	3.9 U	--	--	3.8 UJ S	4.0 U
m-Terphenyl	mg/kg	3.9 U	--	--	3.8 UJ S	4.0 U
p-Terphenyl	mg/kg	3.9 U	--	--	3.8 UJ S	4.0 U
Formaldehyde	ug/kg	1700 U	--	--	1500 J Z	1700 U
2,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U
RDX	ug/kg	130 U	130 U	140 U	130 U	140 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U
HMX	ug/kg	330 U	330 U	340 U	320 U	340 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U
Tetryl	ug/kg	130 U	130 U	140 U	130 U	140 U
Nitroglycerin	ug/kg	2700 U	2700 U	2700 U	2500 U	2700 U
2,6-Diamino-4-nitrotoluene	ug/kg	270 U	270 R L	270 U	250 U	270 U
2,4-Diamino-6-nitrotoluene	ug/kg	270 U	270 R L	270 U	250 U	270 U
PETN	ug/kg	2700 U	2700 U	2700 U	2500 U	2700 U
2-Nitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U
3-Nitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U
1,3,5-Trinitrobenzene	ug/kg	130 U	130 U	140 U	130 U	140 U
4-Nitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U
2,4-Dinitrotoluene	ug/kg	130 U	130 U	140 U	130 U	140 U
Nitrobenzene	ug/kg	130 U	130 U	140 U	130 U	140 U
m-Dinitrobenzene	ug/kg	130 U	130 U	140 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-001-SA5DN-SS-0.0-0.5 05/25/2011 DX090 0 0.5	SL-001-SA5DN-SB-5.5-6.5 05/17/2011 DX083 5.5 6.5	SL-001-SA5DN-SB-9.0-10.0 05/17/2011 DX083 9 10	SL-002-SA5DN-SS-0.0-0.5 05/25/2011 DX090 0 0.5	SL-002-SA5DN-SB-4.0-5.0 05/16/2011 DX081 4 5	SL-002-SA5DN-SB-9.0-10.0 05/16/2011 DX081 9 10	SL-003-SA5DN-SB-0.5-1.5 05/16/2011 DX081 0.5 1.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.13 U	1.16 U	1.12 U B, Z	1.02 U	1.13 U	1.11 U	1.19 U
1,2,3,7,8,9-HxCDD	ng/kg	1.50 J Z	5.82 U B, Z	5.59 U B, Z	0.958 J Z	5.66 U B, Z	5.55 U B, Z	0.988 J Z
OCDD	ng/kg	1200	3.10 J Z	11.2 U B, Z	456	11.3 U B, Z	11.1 U B, Z	11.9
1,2,3,4,6,7,8-HpCDD	ng/kg	53.8	5.82 U B, Z	5.59 U B, Z	37.3	5.66 U B, Z	5.55 U B, Z	1.11 J Z
OCDF	ng/kg	23.7	11.6 U B, Z	11.2 U B, Z	13.5	11.3 U B, Z	11.1 U B, Z	11.9 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	0.431 J Z	5.82 U B, Z	5.59 U B, Z	0.530 J Z	5.66 U	5.55 U	5.95 U B, Z
1,2,3,7,8-PeCDD	ng/kg	0.341 J Z	5.82 U B, Z	5.59 U B, Z	0.301 J Z	5.66 U B, Z	5.55 U B, Z	5.95 U B, Z
2,3,7,8-TCDF	ng/kg	0.375 J Z	1.16 U	1.12 U B, Z	0.161 J Z	1.13 U	0.0203 J Z	0.143 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	0.805 J Z	5.82 U B, Z	5.59 U B, Z	0.439 J Z	5.66 U B, Z	5.55 U B, Z	5.95 U B, Z
2,3,4,7,8-PeCDF	ng/kg	1.06 J Z	5.82 U B, Z	5.59 U B, Z	0.672 J Z	5.66 U B, Z	5.55 U B, Z	5.95 U B, Z
1,2,3,7,8-PeCDF	ng/kg	0.827 J Z	5.82 U B, Z	5.59 U B, Z	0.278 J Z	5.66 U B, Z	5.55 U B, Z	0.367 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.845 J Z	5.82 U B, Z	5.59 U B, Z	0.513 J Z	5.66 U B, Z	5.55 U B, Z	5.95 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	2.28 J Z	5.82 U B, Z	5.59 U B, Z	1.76 J Z	5.66 U B, Z	5.55 U B, Z	0.615 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.944 J Z	5.82 U B, Z	5.59 U B, Z	0.662 J Z	5.66 U B, Z	5.55 U B, Z	5.95 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	13.6	5.82 U B, Z	5.59 U B, Z	7.21	5.66 U B, Z	5.55 U B, Z	5.95 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	1.34 J Z	5.82 U B, Z	5.59 U B, Z	0.599 J Z	5.66 U B, Z	5.55 U B, Z	5.95 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	1.62 J Z	5.82 U B, Z	5.59 U B, Z	5.11 U B, Z	5.66 U B, Z	5.55 U B, Z	1.09 J Z
Aroclor 1260	ug/kg	2.5	2.0 U	1.9 U	2.7	1.9 U	1.9 U	2.0 U
Aroclor 1254	ug/kg	1.9 U	2.0 U	1.9 U	12	1.9 U	1.9 U	2.0 U
Aroclor 1268	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.9 U	2.0 U
Aroclor 1221	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.9 U	2.0 U
Aroclor 5460	ug/kg	5.6	3.9 U	3.7 U	7.5	3.8 U	3.8 U	3.9 U
Aroclor 1232	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.9 U	2.0 U
Aroclor 5442	ug/kg	3.8 U	3.9 U	3.7 U	3.5 U	3.8 U	3.8 U	3.9 U
Aroclor 1248	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.9 U	2.0 U
Aroclor 1016	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.9 U	2.0 U
Aroclor 1262	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.9 U	2.0 U
Aroclor 1242	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.9 U	2.0 U
Aroclor 5432	ug/kg	3.8 U	3.9 U	3.7 U	3.5 U	3.8 U	3.8 U	3.9 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-003-SA5DN-SB-8.0-9.0 05/16/2011 DX081 8 9	SL-004-SA5DN-SS-0.0-0.5 05/25/2011 DX090 0 0.5	SL-004-SA5DN-SB-3.5-4.5 05/16/2011 DX081 3.5 4.5	SL-004-SA5DN-SB-9.0-10.0 05/16/2011 DX081 9 10	SL-005-SA5DN-SS-0.0-0.5 05/25/2011 DX090 0 0.5	SL-005-SA5DN-SB-4.0-5.0 05/17/2011 DX083 4 5	SL-005-SA5DN-SB-9.0-10.0 05/17/2011 DX083 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.11 U B, Z	3.48	1.20 U B, Z	1.12 U B, Z	0.104 J Z	1.16 U B, Z	1.13 U
1,2,3,7,8,9-HxCDD	ng/kg	5.55 U B, Z	1.80 J Z	0.939 J Z	5.60 U B, Z	1.76 J Z	5.78 U B, Z	5.64 U B, Z
OCDD	ng/kg	11.1 U B, Z	9.88 J Z	6.06 J Z	11.2 U B, Z	345	11.6 U B, Z	11.3 U B, Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.55 U B, Z	1.24 J Z	5.98 U B, Z	5.60 U B, Z	28.9	5.78 U B, Z	5.64 U B, Z
OCDF	ng/kg	11.1 U B, Z	10.6 U B, Z	12.0 U B, Z	11.2 U B, Z	8.90 J Z	11.6 U B, Z	11.3 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	5.55 U B, Z	0.254 J Z	5.98 U B, Z	5.60 U B, Z	0.589 J Z	5.78 U B, Z	5.64 U B, Z
1,2,3,7,8-PeCDD	ng/kg	5.55 U B, Z	4.20 J Z	5.98 U B, Z	5.60 U B, Z	0.590 J Z	5.78 U B, Z	5.64 U B, Z
2,3,7,8-TCDF	ng/kg	0.0652 J Z	0.138 J Z	1.20 U	0.0461 J Z	0.590 J Z	1.16 U B, Z	1.13 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.55 U B, Z	5.31 U B, Z	5.98 U B, Z	5.60 U B, Z	0.382 J Z	5.78 U B, Z	5.64 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.55 U B, Z	0.317 J Z	5.98 U B, Z	5.60 U B, Z	0.962 J Z	5.78 U B, Z	5.64 U B, Z
1,2,3,7,8-PeCDF	ng/kg	5.55 U B, Z	0.272 J Z	0.437 J Z	5.60 U B, Z	0.574 J Z	5.78 U B, Z	5.64 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.55 U B, Z	5.31 U B, Z	5.98 U B, Z	5.60 U B, Z	0.541 J Z	5.78 U B, Z	5.64 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	5.55 U B, Z	0.736 J Z	0.563 J Z	5.60 U B, Z	1.80 J Z	5.78 U B, Z	5.64 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	5.55 U B, Z	5.31 U B, Z	5.98 U B, Z	5.60 U B, Z	0.492 J Z	5.78 U B, Z	5.64 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.55 U B, Z	5.31 U B, Z	5.98 U B, Z	5.60 U B, Z	4.57 J Z	5.78 U B, Z	5.64 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	5.55 U B, Z	5.31 U B, Z	5.98 U B, Z	5.60 U B, Z	0.752 J Z	5.78 U B, Z	5.64 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	5.55 U B, Z	5.31 U B, Z	1.54 J Z	5.60 U B, Z	1.08 J Z	5.78 U B, Z	5.64 U B, Z
Aroclor 1260	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	1.5 J Z	2.0 U	1.9 U
Aroclor 1254	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	2.3 J Z	2.0 U	1.9 U
Aroclor 1268	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	3.9 U	2.0 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	3.9 U	2.0 U	1.9 U
Aroclor 5460	ug/kg	3.7 U	3.6 U	4.0 U	3.7 U	7.5 U	3.9 U	3.8 U
Aroclor 1232	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	3.9 U	2.0 U	1.9 U
Aroclor 5442	ug/kg	3.7 U	3.6 U	4.0 U	3.7 U	7.5 U	3.9 U	3.8 U
Aroclor 1248	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	3.9 U	2.0 U	1.9 U
Aroclor 1016	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	3.9 U	2.0 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	3.9 U	2.0 U	1.9 U
Aroclor 1242	ug/kg	0.86 J Z	1.9 U	2.0 U	1.9 U	3.9 U	2.0 U	1.9 U
Aroclor 5432	ug/kg	3.7 U	3.6 U	4.0 U	3.7 U	7.5 U	3.9 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-006-SA5DN-SS-0.0-0.5 05/25/2011 DX090 0 0.5	SL-006-SA5DN-SB-4.0-5.0 08/11/2011 DX127 4 5	SL-006-SA5DN-SB-9.0-10.0 08/11/2011 DX127 9 10	SL-007-SA5DN-SS-0.0-0.5 08/22/2011 DX129 0 0.5	SL-007-SA5DN-SB-4.0-5.0 08/10/2011 DX127 4 5	SL-008-SA5DN-SS-0.0-0.5 05/23/2011 DX088 0 0.5	SL-008-SA5DN-SB-4.0-5.0 05/31/2011 DX094 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.182 J Z	1.13 U	1.11 U	1.11 U	1.16 U	0.103 J Z	1.15 U B
1,2,3,7,8,9-HxCDD	ng/kg	5.71 J Z	5.66 U B	5.57 U B	0.621 J Z	0.375 J Z	0.840 J Z	5.77 U B
OCDD	ng/kg	1670	16.6	11.1 U B	147	11.6 U B	270	11.5 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	147	1.55 J Z	5.57 U B	12.7	5.82 U B	20.8	5.77 U B
OCDF	ng/kg	64.3	0.827 J Z	11.1 U B	4.88 J Z	11.6 U B	6.80 J Z	11.5 U B
1,2,3,4,7,8-HxCDD	ng/kg	2.76 J Z	5.66 U B	5.57 U B	0.304 J Z	5.82 U	0.323 J Z	0.0243 J Z
1,2,3,7,8-PeCDD	ng/kg	1.53 J Z	0.0828 J Z	0.116 J Z	5.55 U	5.82 U	0.275 J Z	5.77 U
2,3,7,8-TCDF	ng/kg	1.20 U	1.13 U	1.11 U	10.9	1.16 U	1/17/2012	1.15 U B
1,2,3,4,7,8,9-HpCDF	ng/kg	1.98 J Z	5.66 U	5.57 U B	1.57 J Z	5.82 U B	5.41 U B, Z	5.77 U B
2,3,4,7,8-PeCDF	ng/kg	2.52 J Z	5.66 U	5.57 U B	18.7	5.82 U B	1.06 J Z	5.77 U B
1,2,3,7,8-PeCDF	ng/kg	2.16 J Z	0.0468 J Z	0.0939 J Z	39.5	0.0843 J Z	4.27 J Z	5.77 U B
1,2,3,6,7,8-HxCDF	ng/kg	1.77 J Z	5.66 U B	5.57 U B	3.15 J Z	5.82 U B	0.488 J Z	5.77 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.43 J Z	0.105 J Z	0.0590 J Z	0.739 J Z	0.219 J Z	1.14 J Z	5.77 U B
2,3,4,6,7,8-HxCDF	ng/kg	1.92 J Z	0.0584 J Z	0.0503 J Z	1.94 J Z	0.0768 J Z	0.403 J Z	5.77 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	33.4	0.319 J Z	5.57 U B	3.19 J Z	5.82 U B	3.43 J Z	5.77 U B
1,2,3,4,7,8-HxCDF	ng/kg	4.93 J Z	5.66 U B	5.57 U B	6.95	5.82 U B	2.08 J Z	5.77 U B
1,2,3,7,8,9-HxCDF	ng/kg	1.40 J Z	5.66 U B	5.57 U B	2.04 J Z	5.82 U	0.353 J Z	5.77 U B
Aroclor 1260	ug/kg	3	1.9 U	1.9 U	970 U	0.72 J Z	22	2.0 U
Aroclor 1254	ug/kg	7.8	0.57 J Z	1.9 U	1300	1.8 J Z	18 U	2.0 U
Aroclor 1268	ug/kg	2.0 U	1.9 U	1.9 U	970 U	2.0 U	18 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	1.9 U	1.9 U	970 U	2.0 U	18 U	2.0 U
Aroclor 5460	ug/kg	9	3.8 U	3.7 U	1900 U	3.9 U	15 J Z	3.8 U
Aroclor 1232	ug/kg	2.0 U	1.9 U	1.9 U	970 U	2.0 U	18 U	2.0 U
Aroclor 5442	ug/kg	4.0 U	3.8 U	3.7 U	1900 U	3.9 U	36 U	3.8 U
Aroclor 1248	ug/kg	2.0 U	1.9 U	1.9 U	970 U	2.0 U	18 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	1.9 U	1.9 U	970 U	2.0 U	18 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	1.9 U	1.9 U	970 U	2.0 U	18 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	1.9 U	1.9 U	970 U	2.0 U	18 U	2.0 U
Aroclor 5432	ug/kg	4.0 U	3.8 U	3.7 U	1900 U	3.9 U	36 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-008-SA5DN-SB-9.0-10.0 05/31/2011 DX094 9 10	SL-009-SA5DN-SS-0.0-0.5 05/23/2011 DX088 0 0.5	SL-009-SA5DN-SB-4.0-5.0 08/09/2011 DX126 4 5	SL-009-SA5DN-SB-9.0-10.0 08/09/2011 DX126 9 10	SL-010-SA5DN-SS-0.0-0.5 05/23/2011 DX088 0 0.5	SL-010-SA5DN-SB-4.0-5.0 05/31/2011 DX094 4 5	SL-010-SA5DN-SB-9.0-10.0 05/31/2011 DX094 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.10 U B	0.139 J Z	1.10 U	1.11 U	1.01 U B, Z	1.11 U B	1.12 U
1,2,3,7,8,9-HxCDD	ng/kg	5.52 U B	1.43 J Z	5.51 UJ B, FD	5.56 U B	5.05 U B, Z	5.56 U B	5.62 U B
OCDD	ng/kg	11.0 U B	655	4.04 J Z	9.81 J Z	49.4	11.1 U B	11.2 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.52 U B	42.5	5.51 U B	1.08 J Z	4.15 J Z	5.56 U B	5.62 U B
OCDF	ng/kg	11.0 U B	21.4	0.140 J FD, Z	0.381 J Z	1.33 J Z	11.1 U B	11.2 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.0411 J Z	0.815 J Z	5.51 UJ FD	0.127 J Z	5.05 U B, Z	0.0762 J Z	0.0458 J Z
1,2,3,7,8-PeCDD	ng/kg	5.52 U B	0.519 J Z	5.51 UJ FD	5.56 U B	5.05 U B, Z	5.56 U B	5.62 U B
2,3,7,8-TCDF	ng/kg	1.10 U B	0.504 J Z	1.10 U	1.11 U	1.01 U	1.11 U B	1.12 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.52 U B	0.546 J Z	5.51 UJ FD	5.56 U	5.05 U B, Z	5.56 U B	5.62 U B
2,3,4,7,8-PeCDF	ng/kg	5.52 U B	0.933 J Z	0.100 J Z	0.186 J Z	5.05 U B, Z	5.56 U B	5.62 U B
1,2,3,7,8-PeCDF	ng/kg	5.52 U B	2.24 J Z	0.125 J FD, Z	0.221 J Z	5.05 U B, Z	5.56 U B	5.62 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.52 U B	0.681 J Z	5.51 UJ FD	5.56 U	5.05 U B, Z	5.56 U B	5.62 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.52 U B	1.71 J Z	5.51 U B	5.56 U B	5.05 U B, Z	5.56 U B	5.62 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.52 U B	0.711 J Z	5.51 U B	5.56 U B	5.05 U B, Z	5.56 U B	5.62 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.52 U B	9.93	5.51 U B	5.56 U B	5.05 U B, Z	5.56 U B	5.62 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.52 U B	0.979 J Z	5.51 UJ FD	5.56 U B	5.05 U B, Z	5.56 U B	5.62 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.52 U B	0.448 J Z	0.0413 J Z	0.0954 J Z	5.05 U B, Z	5.56 U B	5.62 U B
Aroclor 1260	ug/kg	1.9 U	11 U	1.9 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 1254	ug/kg	1.9 U	11 U	1.9 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 1268	ug/kg	1.9 U	11 U	1.9 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	11 U	1.9 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	3.6 U	22 U	3.6 U	3.8 U	3.4 U	3.8 U	3.8 U
Aroclor 1232	ug/kg	1.9 U	11 U	1.9 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	3.6 U	22 U	3.6 U	3.8 U	3.4 U	3.8 U	3.8 U
Aroclor 1248	ug/kg	1.9 U	11 U	1.9 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	1.9 U	11 U	1.9 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	11 U	1.9 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	11 U	1.9 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	3.6 U	22 U	3.6 U	3.8 U	3.4 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-011-SA5DN-SS-0.0-0.5 05/23/2011 DX088 0 0.5	SL-011-SA5DN-SB-4.0-5.0 08/09/2011 DX126 4 5	SL-012-SA5DN-SS-0.0-0.5 05/23/2011 DX088 0 0.5	SL-012-SA5DN-SB-4.0-5.0 08/09/2011 DX126 4 5	SL-012-SA5DN-SB-9.0-10.0 08/09/2011 DX126 9 10	SL-013-SA5DN-SS-0.0-0.5 05/23/2011 DX088 0 0.5	SL-013-SA5DN-SB-4.0-5.0 05/31/2011 DX094 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.12 U B, Z	0.105 J Z	1.10 U B, Z	1.01 U	1.16 U	1.01 U B, Z	1.13 U B
1,2,3,7,8,9-HxCDD	ng/kg	0.484 J Z	5.60 U B	0.617 J Z	5.04 U B	5.80 U B	0.418 J Z	5.66 U B
OCDD	ng/kg	97.4	3.03 J Z	428	8.10 J Z	6.21 J Z	195	11.3 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	8.58	5.60 U B	27.4	1.13 J Z	5.80 U B	14.8	5.66 U B
OCDF	ng/kg	4.25 J Z	0.225 J Z	7.74 J Z	0.534 J Z	0.182 J Z	4.42 J Z	11.3 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.270 J Z	0.0521 J Z	0.161 J Z	5.04 U	5.80 U	0.238 J Z	5.66 U
1,2,3,7,8-PeCDD	ng/kg	0.157 J Z	5.60 U	0.152 J Z	5.04 U B	5.80 U	0.207 J Z	5.66 U B
2,3,7,8-TCDF	ng/kg	0.350 J Z	1.12 U	0.105 J Z	1.01 U	1.16 U	0.197 J Z	1.13 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.60 U B, Z	5.60 U	0.351 J Z	5.04 U	5.80 U B	5.04 U B, Z	5.66 U B
2,3,4,7,8-PeCDF	ng/kg	0.425 J Z	0.0642 J Z	0.402 J Z	0.0374 J Z	5.80 U	0.478 J Z	5.66 U B
1,2,3,7,8-PeCDF	ng/kg	1.56 J Z	5.60 U	0.440 J Z	0.0624 J Z	0.0404 J Z	0.257 J Z	5.66 U B
1,2,3,6,7,8-HxCDF	ng/kg	0.279 J Z	5.60 U	0.376 J Z	5.04 U	5.80 U B	5.04 U B, Z	5.66 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.437 J Z	5.60 U B	0.915 J Z	5.04 U B	5.80 U	0.657 J Z	5.66 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.60 U B, Z	5.60 U B	5.52 U B, Z	5.04 U	5.80 U	5.04 U B, Z	5.66 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	2.13 J Z	5.60 U B	4.44 J Z	5.04 U B	5.80 U B	1.75 J Z	5.66 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.363 J Z	5.60 U	0.472 J Z	5.04 U	5.80 U B	5.04 U B, Z	5.66 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.60 U B, Z	5.60 U	0.512 J Z	0.104 J Z	0.0363 J Z	5.04 U B, Z	5.66 U B
Aroclor 1260	ug/kg	6.2	1.9 U	23	1.8 U	2.0 U	1.8 U	2.0 U
Aroclor 1254	ug/kg	1.9 U	1.9 U	1.9 U	1.8 U	2.0 U	1.8 U	2.0 U
Aroclor 1268	ug/kg	1.9 U	1.9 U	1.9 U	1.8 U	2.0 U	1.8 U	2.0 U
Aroclor 1221	ug/kg	1.9 U	1.9 U	1.9 U	1.8 U	2.0 U	1.8 U	2.0 U
Aroclor 5460	ug/kg	3.7 U	3.7 U	3.7 U	3.4 U	3.8 U	3.4 U	3.8 U
Aroclor 1232	ug/kg	1.9 U	1.9 U	1.9 U	1.8 U	2.0 U	1.8 U	2.0 U
Aroclor 5442	ug/kg	3.7 U	3.7 U	3.7 U	3.4 U	3.8 U	3.4 U	3.8 U
Aroclor 1248	ug/kg	1.9 U	1.9 U	1.9 U	1.8 U	2.0 U	1.8 U	2.0 U
Aroclor 1016	ug/kg	1.9 U	1.9 U	1.9 U	1.8 U	2.0 U	1.8 U	2.0 U
Aroclor 1262	ug/kg	1.9 U	1.9 U	1.9 U	1.8 U	2.0 U	1.8 U	2.0 U
Aroclor 1242	ug/kg	1.9 U	1.9 U	1.9 U	1.8 U	2.0 U	1.8 U	2.0 U
Aroclor 5432	ug/kg	3.7 U	3.7 U	3.7 U	3.4 U	3.8 U	3.4 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-013-SA5DN-SB-9.0-10.0 05/31/2011 DX094 9 10	SL-014-SA5DN-SS-0.0-0.5 05/23/2011 DX088 0 0.5	SL-014-SA5DN-SB-4.0-5.0 05/31/2011 DX095 4 5	SL-014-SA5DN-SB-9.0-10.0 05/31/2011 DX095 9 10	SL-015-SA5DN-SS-0.0-0.5 05/23/2011 DX087 0 0.5	SL-015-SA5DN-SB-4.0-5.0 06/01/2011 DX096 4 5	SL-015-SA5DN-SB-12.0-13.0 06/01/2011 DX096 12 13
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.11 U	1.09 U B, Z	1.12 U B	0.449 J Z	0.109 J Z	1.11 U B	1.09 U B
1,2,3,7,8,9-HxCDD	ng/kg	5.53 U B	0.482 J Z	5.58 UJ B, FD	1.86 J Z	5.38 J Z	0.340 J Z	5.43 U B
OCDD	ng/kg	11.1 U B	173	11.2 UJ B, FD	11.5 U B	13100 J *#	71	10.9 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.53 U B	14	5.58 U B	2.57 J Z	709	5.39 J Z	5.43 U B
OCDF	ng/kg	11.1 U B	2.87 J Z	11.2 UJ B, FD	5.90 J Z	71.5	11.1 U B	10.9 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.53 U	0.165 J Z	5.58 UJ B, FD	1.88 J Z	2.39 J Z	5.56 U B	5.43 U B
1,2,3,7,8-PeCDD	ng/kg	5.53 U	5.46 U B, Z	5.58 UJ B, FD	1.82 J Z	0.760 J Z	5.56 U B	5.43 U B
2,3,7,8-TCDF	ng/kg	1.11 U	0.515 J Z	1.12 U	0.343 J Z	0.340 J Z	0.0689 J Z	1.09 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.53 U B	5.46 U B, Z	5.58 UJ B, FD	2.83 J Z	2.06 J Z	5.56 U B	5.43 U B
2,3,4,7,8-PeCDF	ng/kg	5.53 U B	0.428 J Z	5.58 UJ B, FD	1.58 J Z	0.717 J Z	5.56 U B	5.43 U B
1,2,3,7,8-PeCDF	ng/kg	5.53 U B	2.10 J Z	5.58 UJ B, FD	1.42 J Z	0.823 J Z	0.187 J Z	5.43 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.53 U B	0.363 J Z	5.58 UJ B, FD	1.73 J Z	0.723 J Z	5.56 U B	5.43 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.53 U B	0.500 J Z	5.58 UJ B, FD	1.84 J Z	14.6	0.297 J Z	5.43 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.53 U B	5.46 U B, Z	5.58 U B	1.45 J Z	0.799 J Z	5.56 U B	5.43 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.53 U B	1.29 J Z	5.58 UJ B, FD	1.80 J Z	26	5.56 U B	5.43 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.53 U B	1.87 J Z	5.58 UJ FD	1.60 J Z	2.12 J Z	5.56 U B	5.43 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.53 U	0.425 J Z	5.58 UJ B, FD	2.26 J Z	5.54 U B, Z	0.377 J Z	5.43 U B
Aroclor 1260	ug/kg	1.9 U	34	1.9 U	2.0 U	55	6.1	1.9 U
Aroclor 1254	ug/kg	1.9 U	19 U	1.9 U	2.0 U	19 U	2.0 U	1.9 U
Aroclor 1268	ug/kg	1.9 U	19 U	1.9 U	2.0 U	19 U	2.0 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	19 U	1.9 U	2.0 U	19 U	2.0 U	1.9 U
Aroclor 5460	ug/kg	3.8 U	37 U	3.7 U	3.8 U	38 U	3.8 U	3.6 U
Aroclor 1232	ug/kg	1.9 U	19 U	1.9 U	2.0 U	19 U	2.0 U	1.9 U
Aroclor 5442	ug/kg	3.8 U	37 U	3.7 U	3.8 U	38 U	3.8 U	3.6 U
Aroclor 1248	ug/kg	1.9 U	19 U	1.9 U	2.0 U	19 U	2.0 U	1.9 U
Aroclor 1016	ug/kg	1.9 U	19 U	1.9 U	2.0 U	19 U	2.0 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	19 U	1.9 U	2.0 U	19 U	2.0 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	19 U	1.9 U	2.0 U	19 U	2.0 U	1.9 U
Aroclor 5432	ug/kg	3.8 U	37 U	3.7 U	3.8 U	38 U	3.8 U	3.6 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-016-SA5DN-SS-0.0-0.5 05/23/2011 DX087 0 0.5	SL-016-SA5DN-SB-4.0-5.0 06/02/2011 DX098 4 5	SL-016-SA5DN-SB-12.0-13.0 06/02/2011 DX098 12 13	SL-017-SA5DN-SS-0.0-0.5 05/23/2011 DX087 0 0.5	SL-017-SA5DN-SB-4.0-5.0 06/01/2011 DX096 4 5	SL-017-SA5DN-SB-7.0-8.0 06/01/2011 DX096 7 8	SL-018-SA5DN-SS-0.0-0.5 05/23/2011 DX088 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0564 J Z	1.18 U B	1.12 U	0.0612 J Z	1.13 U	1.12 U B	0.290 J Z
1,2,3,7,8,9-HxCDD	ng/kg	1.28 J Z	0.337 J Z	5.59 U B	0.639 J Z	5.63 U B	5.60 U B	1.44 J Z
OCDD	ng/kg	1930	23	10.9 J Z	126	11.3 U B	11.2 U B	222
1,2,3,4,6,7,8-HpCDD	ng/kg	110	2.16 J Z	1.14 J Z	10.3	5.63 U B	5.60 U B	15.7
OCDF	ng/kg	12.7	11.8 U B	11.2 U B	4.42 J Z	11.3 U B	11.2 U B	6.72 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.518 J Z	5.90 U B	5.59 U B	5.49 U B, Z	5.63 U	5.60 U B	0.542 J Z
1,2,3,7,8-PeCDD	ng/kg	5.38 U B, Z	5.90 U B	5.59 U	0.438 J Z	5.63 U	5.60 U B	0.560 J Z
2,3,7,8-TCDF	ng/kg	1.09	1.18 U	1.12 U	2/8/2012	0.0227 J Z	0.0113 J Z	1.64 Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.38 U B, Z	5.90 U B	5.59 U B	5.49 U B, Z	5.63 U B	5.60 U B	0.743 J Z
2,3,4,7,8-PeCDF	ng/kg	1.18 J Z	0.179 J Z	0.0783 J Z	2.28 J Z	5.63 U B	5.60 U B	1.84 J Z
1,2,3,7,8-PeCDF	ng/kg	4.39 J Z	5.90 U B	5.59 U B	5.65	5.63 U B	5.60 U B	6.92
1,2,3,6,7,8-HxCDF	ng/kg	0.791 J Z	5.90 U B	5.59 U B	0.948 J Z	5.63 U	5.60 U B	1.47 J Z
1,2,3,6,7,8-HxCDD	ng/kg	2.51 J Z	0.240 J Z	5.59 U B	0.543 J Z	5.63 U	5.60 U B	1.34 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.465 J Z	5.90 U B	5.59 U B	0.693 J Z	5.63 U B	5.60 U B	0.969 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	4.92 J Z	5.90 U B	5.59 U B	2.11 J Z	5.63 U B	5.60 U B	3.23 J Z
1,2,3,4,7,8-HxCDF	ng/kg	7.94	5.90 U B	5.59 U B	18.5	5.63 U B	5.60 U B	7.67
1,2,3,7,8,9-HxCDF	ng/kg	5.38 U B, Z	5.90 U B	5.59 U B	5.49 U B, Z	5.63 U B	5.60 U B	1.33 J Z
Aroclor 1260	ug/kg	140	2.3 J S	1.3 J Z	32	1.2 J Z	1.9 U	200
Aroclor 1254	ug/kg	19 U	13 J S	1.9 U	9.5 U	2.0 U	1.9 U	37 U
Aroclor 1268	ug/kg	19 U	2.0 UJ S	1.9 U	9.5 U	2.0 U	1.9 U	37 U
Aroclor 1221	ug/kg	19 U	2.0 UJ S	1.9 U	9.5 U	2.0 U	1.9 U	37 U
Aroclor 5460	ug/kg	37 U	8.3 J S, L	3.7 UJ L	18 U	3.8 U	3.8 U	73 U
Aroclor 1232	ug/kg	19 U	2.0 UJ S	1.9 U	9.5 U	2.0 U	1.9 U	37 U
Aroclor 5442	ug/kg	37 U	3.9 UJ S, L	3.7 UJ L	18 U	3.8 U	3.8 U	73 U
Aroclor 1248	ug/kg	19 U	2.0 UJ S	1.9 U	9.5 U	2.0 U	1.9 U	37 U
Aroclor 1016	ug/kg	19 U	2.0 UJ S	1.9 U	9.5 U	2.0 U	1.9 U	37 U
Aroclor 1262	ug/kg	19 U	2.0 UJ S	1.9 U	9.5 U	2.0 U	1.9 U	37 U
Aroclor 1242	ug/kg	19 U	2.0 UJ S	1.9 U	9.5 U	2.0 U	1.9 U	37 U
Aroclor 5432	ug/kg	37 U	3.9 UJ S, L	3.7 UJ L	18 U	3.8 U	3.8 U	73 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-018-SA5DN-SB-4.0-5.0 06/01/2011 DX096 4 5	SL-018-SA5DN-SB-7.5-8.5 06/01/2011 DX096 7.5 8.5	SL-019-SA5DN-SS-0.0-0.5 05/23/2011 DX087 0 0.5	SL-019-SA5DN-SB-4.0-5.0 06/03/2011 DX098 4 5	SL-019-SA5DN-SB-9.0-10.0 06/03/2011 DX098 9 10	SL-020-SA5DN-SS-0.0-0.5 05/20/2011 DX085 0 0.5	SL-020-SA5DN-SB-3.5-4.5 06/15/2011 DX103 3.5 4.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.08 U B	1.10 U B	0.0320 J Z	0.0171 J Z	0.0365 J Z	1.03 U B, Z	0.0328 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.38 U B	0.406 J Z	0.693 J Z	5.63 U B	5.52 U B	5.17 U B, Z	5.47 U B
OCDD	ng/kg	10.8 U B	6.48 J Z	426	11.3 U B	14.4	59.5	10.9 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.38 U B	5.50 U B	27.7	5.63 U B	5.52 U B	5.34	5.47 U B
OCDF	ng/kg	10.8 U B	11.0 U B	4.52 J Z	11.3 U B	11.0 U B	10.3 U B, Z	10.9 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.38 U B	0.330 J Z	5.70 U B, Z	0.0347 J Z	5.52 U B	5.17 U B, Z	0.0443 J Z
1,2,3,7,8-PeCDD	ng/kg	5.38 U B	0.297 J Z	5.70 U B, Z	5.63 U B	5.52 U B	5.17 U B, Z	5.47 U B
2,3,7,8-TCDF	ng/kg	0.0366 J Z	0.0433 J Z	0.141 J Z	0.0171 J Z	0.0264 J Z	1.03 U	1.09 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.38 U B	0.365 J Z	5.70 U B, Z	5.63 U B	5.52 U B	5.17 U B, Z	5.47 U B
2,3,4,7,8-PeCDF	ng/kg	5.38 U B	5.50 U B	5.70 U B, Z	5.63 U B	5.52 U B	5.17 U B, Z	5.47 U B
1,2,3,7,8-PeCDF	ng/kg	5.38 U B	0.279 J Z	0.342 J Z	5.63 U B	5.52 U B	5.17 U B, Z	5.47 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.38 U B	0.296 J Z	5.70 U B, Z	5.63 U B	5.52 U B	5.17 U B, Z	5.47 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.38 U B	0.364 J Z	0.896 J Z	5.63 U B	5.52 U B	5.17 U B, Z	5.47 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.38 U B	0.323 J Z	5.70 U B, Z	5.63 U B	5.52 U B	5.17 U B, Z	5.47 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.38 U B	0.482 J Z	1.60 J Z	5.63 U B	5.52 U B	5.17 U B, Z	5.47 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.38 U B	0.353 J Z	0.779 J Z	5.63 U B	5.52 U B	0.749 J Z	5.47 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.38 U B	0.356 J Z	5.70 U B, Z	5.63 U B	5.52 U B	5.17 U B, Z	0.0617 J Z
Aroclor 1260	ug/kg	0.70 J Z	1.9 U	5.8	2.0 UJ C	1.9 UJ C	0.60 J Z	1.9 U
Aroclor 1254	ug/kg	1.9 U	1.9 U	2.0 U	2.0 UJ C	1.9 UJ C	1.8 U	1.9 U
Aroclor 1268	ug/kg	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.8 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.8 U	1.9 U
Aroclor 5460	ug/kg	3.7 U	3.6 U	1.5 J Z	3.8 U	3.7 U	3.5 UJ C	3.7 U
Aroclor 1232	ug/kg	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.8 U	1.9 U
Aroclor 5442	ug/kg	3.7 U	3.6 U	3.8 U	3.8 U	3.7 U	3.5 UJ C	3.7 U
Aroclor 1248	ug/kg	1.9 U	1.9 U	2.0 U	2.0 UJ C	1.9 UJ C	1.8 U	1.9 U
Aroclor 1016	ug/kg	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.8 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.8 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	1.9 U	2.0 U	2.0 UJ C	1.9 UJ C	1.8 U	1.9 U
Aroclor 5432	ug/kg	3.7 U	3.6 U	3.8 U	3.8 U	3.7 U	3.5 U	3.7 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-021-SA5DN-SS-0.0-0.5 05/23/2011 DX087 0 0.5	SL-021-SA5DN-SB-4.0-5.0 06/02/2011 DX098 4 5	SL-021-SA5DN-SB-19.5-20.5 06/02/2011 DX098 19.5 20.5	SL-022-SA5DN-SS-0.0-0.5 05/23/2011 DX087 0 0.5	SL-022-SA5DN-SB-4.0-5.0 06/06/2011 DX099 4 5	SL-022-SA5DN-SB-15.0-16.0 06/06/2011 DX099 15 16	SL-023-SA5DN-SS-0.0-0.5 05/23/2011 DX087 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0317 J Z	1.13 U B	1.11 U	0.0446 J Z	1.12 U	0.0259 J Z	0.0243 J Z
1,2,3,7,8,9-HxCDD	ng/kg	3.84 J Z	0.187 J Z	5.56 U B	1.42 J Z	5.60 U B	5.33 U B	0.891 J Z
OCDD	ng/kg	9760 J *#	43.8	46.9	786 J Q, E	11.2 U B	10.7 U B	911
1,2,3,4,6,7,8-HpCDD	ng/kg	535	3.04 J Z	2.96 J Z	81.1	5.60 U B	5.33 U B	73.4
OCDF	ng/kg	53.2	11.3 U B	11.1 U B	15	11.2 U B	10.7 U B	8.57 J Z
1,2,3,4,7,8-HxCDD	ng/kg	1.45 J Z	5.63 U	5.56 U	0.625 J Z	0.0595 J Z	0.121 J Z	0.329 J Z
1,2,3,7,8-PeCDD	ng/kg	5.67 U B, Z	5.63 U B	5.56 U	0.285 J Z	0.0754 J Z	0.0982 J Z	5.57 U B, Z
2,3,7,8-TCDF	ng/kg	0.320 J Z	1.13 U	1.11 U	0.246 J FD, Z	1.12 U	0.0265 J Z	1.11 U
1,2,3,4,7,8,9-HpCDF	ng/kg	1.56 J Z	5.63 U B	5.56 U B	5.65 U B, Z	5.60 U B	5.33 U B	5.57 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.67 U B, Z	0.154 J Z	5.56 U B	0.641 J Z	5.60 U B	5.33 U B	5.57 U B, Z
1,2,3,7,8-PeCDF	ng/kg	0.660 J Z	5.63 U B	5.56 U B	0.673 J Z	5.60 U B	5.33 U B	0.498 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.67 U B, Z	5.63 U	5.56 U B	5.65 U B, Z	5.60 U B	5.33 U B	5.57 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	10.3	5.63 U B	5.56 U B	1.99 J Z	5.60 U B	5.33 U B	1.40 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.449 J Z	5.63 U B	5.56 U	5.65 U B, Z	5.60 U B	0.131 J Z	5.57 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	19.1	5.63 U B	5.56 U B	5.13 J Z	5.60 U B	5.33 U B	3.03 J Z
1,2,3,4,7,8-HxCDF	ng/kg	0.612 J Z	5.63 U B	5.56 U B	0.673 J Z	5.60 U B	5.33 U B	5.57 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	5.67 U B, Z	5.63 U B	5.56 U B	5.65 U B, Z	5.60 U B	5.33 U B	5.57 U B, Z
Aroclor 1260	ug/kg	6.8	3.7	1.9 U	1.9 UJ FD	1.9 U	1.8 U	1.6 J Z
Aroclor 1254	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U
Aroclor 1268	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U
Aroclor 1221	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U
Aroclor 5460	ug/kg	9.7	1.4 J L, Z	3.7 UJ L	3.8 UJ FD	3.8 UJ E	3.6 UJ E	1.6 J Z
Aroclor 1232	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U
Aroclor 5442	ug/kg	3.8 U	3.8 UJ L	3.7 UJ L	3.8 U	3.8 UJ E	3.6 UJ E	3.8 U
Aroclor 1248	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U
Aroclor 1016	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U
Aroclor 1262	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U
Aroclor 1242	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U
Aroclor 5432	ug/kg	3.8 U	3.8 UJ L	3.7 UJ L	3.8 U	3.8 UJ E	3.6 UJ E	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-023-SA5DN-SB-4.0-5.0 06/08/2011 DX100 4 5	SL-023-SA5DN-SB-20.0-21.0 06/08/2011 DX100 20 21	SL-024-SA5DN-SS-0.0-0.5 05/20/2011 DX085 0 0.5	SL-024-SA5DN-SB-4.0-5.0 06/07/2011 DX099 4 5	SL-024-SA5DN-SB-19.0-20.0 06/07/2011 DX099 19 20	SL-025-SA5DN-SS-0.0-0.5 05/20/2011 DX085 0 0.5	SL-025-SA5DN-SB-4.0-5.0 06/08/2011 DX100 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.10 U	1.09 U	1.13 U B, Z	0.0887 J FD, Z	0.0220 J Z	1.13 U B, Z	1.11 U
1,2,3,7,8,9-HxCDD	ng/kg	5.48 U B	5.44 U B	2.75 J Z	5.63 U B	5.45 U B	2.18 J Z	5.57 U B
OCDD	ng/kg	18.2	10.9 U B	4160	13.5	10.9 U B	3370	19.9
1,2,3,4,6,7,8-HpCDD	ng/kg	2.02 J Z	5.44 U B	396	5.63 U B	5.45 U B	278	2.07 J Z
OCDF	ng/kg	11.0 U B	10.9 U B	35.9	11.3 U B	10.9 U B	21.7	11.1 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.48 U B	5.44 U	1.08 J Z	0.0830 J FD, Z	0.142 J Z	0.749 J Z	5.57 U B
1,2,3,7,8-PeCDD	ng/kg	5.48 U B	5.44 U	5.63 U B, Z	0.250 J FD, Z	0.142 J Z	5.65 U B, Z	5.57 U B
2,3,7,8-TCDF	ng/kg	1.10 U	0.0220 J Z	0.181 J Z	0.0933 J FD, Z	0.0368 J Z	1.13 U B, Z	1.11 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.48 U B	5.44 U B	1.15 J Z	5.63 UJ B, FD	5.45 U B	0.852 J Z	5.57 U B
2,3,4,7,8-PeCDF	ng/kg	5.48 U B	5.44 U B	5.63 U	5.63 UJ B, FD	5.45 U B	5.65 U B, Z	5.57 U B
1,2,3,7,8-PeCDF	ng/kg	5.48 U B	5.44 U B	5.63 U B, Z	0.337 J FD, Z	0.164 J Z	5.65 U B, Z	5.57 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.48 U B	5.44 U B	5.63 U B, Z	0.150 J FD, Z	0.146 J Z	5.65 U B, Z	5.57 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.48 U B	5.44 U B	5.83	5.63 U B	5.45 U B	4.67 J Z	5.57 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.48 U B	5.44 U B	5.63 U B, Z	5.63 UJ B, FD	0.133 J Z	5.65 U B, Z	5.57 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.48 U B	5.44 U B	11.3	5.63 U B	5.45 U B	8.31	5.57 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.48 U B	5.44 U B	5.63 U B, Z	5.63 UJ B, FD	5.45 U B	5.65 U B, Z	5.57 U
1,2,3,7,8,9-HxCDF	ng/kg	0.228 J Z	5.44 U B	5.63 U B, Z	5.63 UJ B, FD	5.45 U B	5.65 U B, Z	0.199 J Z
Aroclor 1260	ug/kg	1.9 U	1.9 U	0.91 J Z	1.9 U	1.9 U	2	1.9 U
Aroclor 1254	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U
Aroclor 1268	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U
Aroclor 5460	ug/kg	3.7 U	3.6 U	1.3 J Z, C	3.7 U	3.7 U	5.1 J C	3.7 U
Aroclor 1232	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U
Aroclor 5442	ug/kg	3.7 U	3.6 U	3.8 UJ C	3.7 U	3.7 U	3.8 UJ C	3.7 U
Aroclor 1248	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U
Aroclor 1016	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U
Aroclor 5432	ug/kg	3.7 UJ C	3.6 UJ C	3.8 U	3.7 U	3.7 U	3.8 U	3.7 UJ C

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

Sample Name Sample Date SDG Start Depth End Depth		SL-025-SA5DN-SB-23.0-24.0 06/08/2011 DX100 23 24	SL-026-SA5DN-SS-0.0-0.5 05/20/2011 DX085 0 0.5	SL-026-SA5DN-SB-4.0-5.0 06/07/2011 DX099 4 5	SL-026-SA5DN-SB-17.0-18.0 06/07/2011 DX099 17 18	SL-027-SA5DN-SS-0.0-0.5 05/20/2011 DX085 0 0.5	SL-027-SA5DN-SB-4.0-5.0 06/03/2011 DX098 4 5	SL-027-SA5DN-SB-14.0-15.0 06/03/2011 DX098 14 15
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.10 U B	1.11 U	0.0247 J Z	1.08 U	1.16 U B, Z	1.09 U	1.11 U
1,2,3,7,8,9-HxCDD	ng/kg	5.52 U B	1.03 J Z	0.538 J Z	5.40 U B	0.829 J Z	0.245 J Z	5.53 U B
OCDD	ng/kg	11.0 U B	804	57.7	34.5	246	53.8	11.1 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.52 U B	64.5	5.44 J Z	5.40 U B	19.1	2.11 J Z	5.53 U B
OCDF	ng/kg	11.0 U B	6.68 J Z	1.49 J Z	10.8 U B	4.60 J Z	10.9 U B	11.1 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.52 U	5.53 U B, Z	0.0531 J Z	5.40 U	5.80 U B, Z	0.0265 J Z	0.0141 J Z
1,2,3,7,8-PeCDD	ng/kg	5.52 U B	5.53 U B, Z	0.0763 J Z	5.40 U	5.80 U B, Z	5.47 U B	5.53 U
2,3,7,8-TCDF	ng/kg	1.10 U	1.11 U B, Z	1.15 U	1.08 U	0.237 J Z	1.09 U	1.11 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.52 U B	5.53 U B, Z	5.74 U B	5.40 U B	5.80 U B, Z	5.47 U B	5.53 U
2,3,4,7,8-PeCDF	ng/kg	5.52 U B	5.53 U B, Z	5.74 U B	5.40 U B	5.80 U B, Z	5.47 U B	5.53 U B
1,2,3,7,8-PeCDF	ng/kg	5.52 U B	5.53 U B, Z	0.156 J Z	5.40 U B	5.80 U B, Z	5.47 U B	5.53 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.52 U B	5.53 U B, Z	5.74 U B	5.40 U	5.80 U B, Z	5.47 U B	5.53 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.52 U B	1.34 J Z	0.438 J Z	5.40 U B	0.787 J Z	5.47 U B	5.53 U
2,3,4,6,7,8-HxCDF	ng/kg	5.52 U	5.53 U B, Z	5.74 U B	5.40 U B	5.80 U B, Z	5.47 U B	5.53 U
1,2,3,4,6,7,8-HpCDF	ng/kg	5.52 U B	2.41 J Z	0.462 J Z	5.40 U B	1.58 J Z	5.47 U B	5.53 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.52 U B	5.53 U B, Z	5.74 U	5.40 U B	1.08 J Z	5.47 U B	5.53 U
1,2,3,7,8,9-HxCDF	ng/kg	5.52 U B	5.53 U B, Z	0.693 J Z	5.40 U B	5.80 U B, Z	0.317 J Z	5.53 U B
Aroclor 1260	ug/kg	1.9 U	6.0 J *#	0.54 J Z	1.8 U	6.2	0.46 J Z, C, *#	1.9 UJ C
Aroclor 1254	ug/kg	1.9 U	1.9 U	2.0 U	1.8 U	2.0 U	2.0 UJ C	1.9 UJ C
Aroclor 1268	ug/kg	1.9 U	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.9 U
Aroclor 5460	ug/kg	3.7 U	8.4 J C	3.9 U	3.6 U	2.6 J Z, C	3.8 U	3.7 U
Aroclor 1232	ug/kg	1.9 U	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.9 U
Aroclor 5442	ug/kg	3.7 U	3.8 UJ C	3.9 U	3.6 U	3.8 UJ C	3.8 U	3.7 U
Aroclor 1248	ug/kg	1.9 U	1.9 U	2.0 U	1.8 U	2.0 U	2.0 UJ C	1.9 UJ C
Aroclor 1016	ug/kg	1.9 U	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	1.9 U	2.0 U	1.8 U	2.0 U	2.0 UJ C	1.9 UJ C
Aroclor 5432	ug/kg	3.7 UJ C	3.8 U	3.9 U	3.6 U	3.8 U	3.8 U	3.7 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-028-SA5DN-SS-0.0-0.5 05/20/2011 DX085 0 0.5	SL-028-SA5DN-SB-4.0-5.0 06/08/2011 DX100 4 5	SL-028-SA5DN-SB-11.5-12.5 06/08/2011 DX100 11.5 12.5	SL-029-SA5DN-SS-0.0-0.5 05/20/2011 DX085 0 0.5	SL-029-SA5DN-SB-4.0-5.0 06/15/2011 DX103 4 5	SL-030-SA5DN-SS-0.0-0.5 05/19/2011 DX084 0 0.5	SL-030-SA5DN-SB-4.0-5.0 06/15/2011 DX103 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.14 U B, Z	1.16 U	1.07 U	1.15 U B, Z	1.08 U	0.0662 J Z	1.13 U
1,2,3,7,8,9-HxCDD	ng/kg	0.639 J Z	0.284 J Z	5.37 U B	0.723 J Z	5.42 U B	0.659 J Z	5.65 U B
OCDD	ng/kg	149	30.8	24	173	10.8 U B	318	11.3 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	10.8	2.80 J Z	4.65 J Z	12.7	5.42 U B	23	5.65 U B
OCDF	ng/kg	3.12 J Z	11.6 U B	10.7 U B	3.16 J Z	10.8 U B	3.61 J Z	11.3 UJ B, FD
1,2,3,4,7,8-HxCDD	ng/kg	5.72 U B, Z	5.81 U B	5.37 U B	5.73 U B, Z	0.0292 J Z	0.273 J Z	0.0294 J FD, Z
1,2,3,7,8-PeCDD	ng/kg	5.72 U B, Z	5.81 U B	5.37 U	5.73 U B, Z	5.42 U	5.74 U B, Z	5.65 U
2,3,7,8-TCDF	ng/kg	0.265 J Z	0.0418 J Z	0.120 J Z	0.246 J Z	1.08 U	1.15 U B, Z	1.13 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.72 U B, Z	5.81 U B	5.37 U B	5.73 U B, Z	5.42 U B	5.74 U B, Z	5.65 UJ B, FD
2,3,4,7,8-PeCDF	ng/kg	5.72 U B, Z	5.81 U B	1.03 J Z	5.73 U B, Z	5.42 U B	0.388 J Z	5.65 U B
1,2,3,7,8-PeCDF	ng/kg	0.596 J Z	0.148 J Z	0.140 J Z	0.604 J Z	5.42 U B	0.283 J Z	5.65 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.72 U B, Z	5.81 U B	0.117 J Z	5.73 U B, Z	5.42 U B	5.74 U B, Z	5.65 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.596 J Z	0.212 J Z	0.153 J Z	0.714 J Z	5.42 U B	0.784 J Z	5.65 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.72 U B, Z	5.81 U B	0.129 J Z	5.73 U B, Z	5.42 U B	5.74 U B, Z	5.65 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	1.32 J Z	0.390 J Z	0.453 J Z	1.47 J Z	5.42 U B	1.64 J Z	5.65 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.72 U B, Z	5.81 U B	0.418 J Z	5.73 U B, Z	5.42 U B	0.592 J Z	5.65 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.72 U B, Z	0.327 J Z	0.211 J Z	5.73 U B, Z	0.0440 J Z	0.432 J Z	0.0888 J Z
Aroclor 1260	ug/kg	2.3	0.54 J Z	11	4	1.9 U	2.6	1.9 U
Aroclor 1254	ug/kg	2.0 U	0.58 J Z, *#	77 J *#	3.9 U	1.9 U	2.0 U	1.9 U
Aroclor 1268	ug/kg	2.0 U	2.0 U	9.4 U	3.9 U	1.9 U	2.0 U	1.9 U
Aroclor 1221	ug/kg	2.0 U	2.0 U	9.4 U	3.9 U	1.9 U	2.0 U	1.9 U
Aroclor 5460	ug/kg	2.0 J Z, C	3.8 U	18 U	7.6 UJ C	3.7 U	3.8 U	3.8 U
Aroclor 1232	ug/kg	2.0 U	2.0 U	9.4 U	3.9 U	1.9 U	2.0 U	1.9 U
Aroclor 5442	ug/kg	3.8 UJ C	3.8 U	18 U	7.6 UJ C	3.7 U	3.8 U	3.8 U
Aroclor 1248	ug/kg	2.0 U	2.0 U	120 J *#	3.9 U	1.9 U	2.0 U	1.9 U
Aroclor 1016	ug/kg	2.0 U	2.0 U	9.4 U	3.9 U	1.9 U	2.0 U	1.9 U
Aroclor 1262	ug/kg	2.0 U	2.0 U	9.4 U	3.9 U	1.9 U	2.0 U	1.9 U
Aroclor 1242	ug/kg	2.0 U	2.0 U	9.4 U	3.9 U	1.9 U	2.0 U	1.9 U
Aroclor 5432	ug/kg	3.8 U	3.8 UJ C	18 UJ C	7.6 U	3.7 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-031-SA5DN-SS-0.0-0.5 05/19/2011 DX084 0 0.5	SL-031-SA5DN-SB-4.0-5.0 06/15/2011 DX103 4 5	SL-032-SA5DN-SS-0.0-0.5 05/19/2011 DX084 0 0.5	SL-032-SA5DN-SB-4.0-5.0 06/14/2011 DX102 4 5	SL-032-SA5DN-SB-10.0-11.0 06/14/2011 DX102 10 11	SL-033-SA5DN-SS-0.0-0.5 05/19/2011 DX084 0 0.5	SL-033-SA5DN-SB-4.0-5.0 06/14/2011 DX102 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.16 U	1.13 U	1.11 U B, Z	1.10 U B	1.08 U B	0.0495 J Z	1.12 UJ B, FD
1,2,3,7,8,9-HxCDD	ng/kg	5.78 U B, Z	5.65 U B	0.579 J Z	5.51 U B	5.42 U B	0.553 J Z	5.62 U B
OCDD	ng/kg	53.7	11.3 U B	189	11.0 U B	10.8 U B	152	14.7 J FD, E
1,2,3,4,6,7,8-HpCDD	ng/kg	3.26 J Z	5.65 U B	15	5.51 U B	5.42 U B	11.3	2.80 J FD, Z
OCDF	ng/kg	11.6 U B, Z	11.3 U B	3.06 J Z	11.0 U B	10.8 U B	2.14 J Z	11.2 UJ B, FD
1,2,3,4,7,8-HxCDD	ng/kg	5.78 U B, Z	0.0876 J Z	5.55 U B, Z	5.51 U B	5.42 U B	5.82 U B, Z	5.62 UJ B, FD
1,2,3,7,8-PeCDD	ng/kg	5.78 U B, Z	5.65 U B	5.55 U B, Z	5.51 U B	5.42 U B	5.82 U B, Z	5.62 UJ FD
2,3,7,8-TCDF	ng/kg	1.16 U	1.13 U	0.984 J Z	1.10 U B	1.08 U B	1.16 U B, Z	1.12 UJ B, FD
1,2,3,4,7,8,9-HpCDF	ng/kg	5.78 U B, Z	5.65 U B	5.55 U B, Z	5.51 U B	5.42 U B	5.82 U B, Z	5.62 U B
2,3,4,7,8-PeCDF	ng/kg	5.78 U B, Z	5.65 U B	0.876 J Z	5.51 U B	5.42 U B	5.82 U B, Z	5.62 UJ B, FD
1,2,3,7,8-PeCDF	ng/kg	5.78 U B, Z	5.65 U B	0.356 J Z	0.244 J Z	5.42 U B	5.82 U B, Z	5.62 UJ B, FD
1,2,3,6,7,8-HxCDF	ng/kg	5.78 U B, Z	5.65 U B	5.55 U B, Z	5.51 U B	5.42 U B	5.82 U B, Z	5.62 UJ B, FD
1,2,3,6,7,8-HxCDD	ng/kg	5.78 U B, Z	5.65 U B	0.576 J Z	5.51 U B	5.42 U B	0.504 J Z	5.62 UJ B, FD
2,3,4,6,7,8-HxCDF	ng/kg	5.78 U B, Z	5.65 U B	5.55 U B, Z	5.51 U B	5.42 U B	5.82 U B, Z	5.62 UJ B, FD
1,2,3,4,6,7,8-HpCDF	ng/kg	5.78 U B, Z	5.65 U B	1.21 J Z	5.51 U B	5.42 U B	2.82 J Z	5.62 UJ B, FD
1,2,3,4,7,8-HxCDF	ng/kg	5.78 U B, Z	5.65 U B	0.582 J Z	5.51 U B	5.42 U B	5.82 U B, Z	5.62 UJ FD
1,2,3,7,8,9-HxCDF	ng/kg	5.78 U B, Z	0.130 J Z	5.55 U B, Z	5.51 U B	5.42 U B	0.423 J Z	5.62 U B
Aroclor 1260	ug/kg	1.2 J Z	1.9 U	4.4	1.9 U	1.9 U	2.0 U	1.4 J FD, Z
Aroclor 1254	ug/kg	2.0 U	1.9 U	3.8 U	1.9 U	1.9 U	2.0 U	2.0 U
Aroclor 1268	ug/kg	2.0 U	1.9 U	3.8 U	1.9 U	1.9 U	2.0 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	1.9 U	3.8 U	1.9 U	1.9 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	3.8 U	3.8 U	3.5 J Z	3.8 U	3.6 U	3.8 U	1.8 J FD, Z
Aroclor 1232	ug/kg	2.0 U	1.9 U	3.8 U	1.9 U	1.9 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	3.8 U	3.8 U	7.4 U	3.8 U	3.6 U	3.8 U	3.8 U
Aroclor 1248	ug/kg	2.0 U	1.9 U	3.8 U	1.9 U	1.9 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	1.9 U	3.8 U	1.9 U	1.9 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	1.9 U	3.8 U	1.9 U	1.9 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	1.9 U	3.8 U	1.9 U	1.9 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	3.8 U	3.8 U	7.4 U	3.8 U	3.6 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-033-SA5DN-SB-11.0-12.0 06/14/2011 DX102 11 12	SL-034-SA5DN-SS-0.0-0.5 05/19/2011 DX084 0 0.5	SL-034-SA5DN-SB-4.0-5.0 06/15/2011 DX103 4 5	SL-035-SA5DN-SS-0.0-0.5 05/19/2011 DX084 0 0.5	SL-035-SA5DN-SB-4.0-5.0 06/14/2011 DX102 4 5	SL-035-SA5DN-SB-9.5-10.5 06/14/2011 DX102 9.5 10.5	SL-036-SA5DN-SS-0.0-0.5 05/20/2011 DX085 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.11 U B	1.09 U	1.10 U	1.12 U	1.14 U	1.11 U B	1.11 U B, Z
1,2,3,7,8,9-HxCDD	ng/kg	5.55 U B	0.524 J Z	5.52 U B	0.554 J Z	5.72 U B	5.53 U B	2.51 J Z
OCDD	ng/kg	11.1 U B	241	11.0 U B	33.9	11.4 U B	11.1 U B	5140 J *#
1,2,3,4,6,7,8-HpCDD	ng/kg	5.55 U B	20.1	5.52 U B	2.86 J Z	5.72 U B	5.53 U B	465
OCDF	ng/kg	11.1 U B	3.78 J Z	11.0 U B	11.2 U B, Z	11.4 U B	11.1 U B	31.7
1,2,3,4,7,8-HxCDD	ng/kg	5.55 U B	0.267 J Z	0.0324 J Z	5.62 U B, Z	5.72 U B	5.53 U B	0.908 J Z
1,2,3,7,8-PeCDD	ng/kg	5.55 U B	5.47 U	5.52 U B	5.62 U B, Z	5.72 U	5.53 U B	5.56 U B, Z
2,3,7,8-TCDF	ng/kg	1.11 U B	1.09 U	1.10 U	1.12 U	1.14 U	1.11 U B	0.428 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.55 U B	5.47 U B, Z	5.52 U B	5.62 U B, Z	5.72 U B	5.53 U B	1.29 J Z
2,3,4,7,8-PeCDF	ng/kg	5.55 U B	0.491 J Z	5.52 U B	5.62 U B, Z	5.72 U B	5.53 U B	5.56 U B, Z
1,2,3,7,8-PeCDF	ng/kg	5.55 U B	5.47 U	5.52 U B	5.62 U B, Z	5.72 U B	5.53 U B	5.56 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.55 U B	0.517 J Z	5.52 U B	5.62 U	5.72 U B	5.53 U B	0.634 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.55 U B	0.622 J Z	5.52 U B	0.445 J Z	5.72 U B	5.53 U B	6.77
2,3,4,6,7,8-HxCDF	ng/kg	5.55 U B	0.447 J Z	5.52 U B	5.62 U B, Z	5.72 U B	5.53 U B	5.56 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.55 U B	1.85 J Z	5.52 U B	5.62 U B, Z	5.72 U B	5.53 U B	11.9
1,2,3,4,7,8-HxCDF	ng/kg	5.55 U B	5.47 U B, Z	5.52 U B	5.62 U B, Z	5.72 U B	5.53 U B	0.973 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.55 U B	5.47 U B, Z	0.0472 J Z	0.751 J Z	5.72 U B	5.53 U B	5.56 U B, Z
Aroclor 1260	ug/kg	0.60 J Z	3.7 U	1.9 U	3.9 U	2.0 U	1.9 U	21
Aroclor 1254	ug/kg	1.9 U	3.7 U	1.9 U	3.9 U	2.0 U	1.9 U	9.6 U
Aroclor 1268	ug/kg	1.9 U	3.7 U	1.9 U	3.9 U	2.0 U	1.9 U	9.6 U
Aroclor 1221	ug/kg	1.9 U	3.7 U	1.9 U	3.9 U	2.0 U	1.9 U	9.6 U
Aroclor 5460	ug/kg	3.7 U	7.2 U	3.8 U	7.5 U	3.9 U	3.7 U	9.5 J Z, C
Aroclor 1232	ug/kg	1.9 U	3.7 U	1.9 U	3.9 U	2.0 U	1.9 U	9.6 U
Aroclor 5442	ug/kg	3.7 U	7.2 U	3.8 U	7.5 U	3.9 U	3.7 U	19 UJ C
Aroclor 1248	ug/kg	1.9 U	3.7 U	1.9 U	3.9 U	2.0 U	1.9 U	9.6 U
Aroclor 1016	ug/kg	1.9 U	3.7 U	1.9 U	3.9 U	2.0 U	1.9 U	9.6 U
Aroclor 1262	ug/kg	1.9 U	3.7 U	1.9 U	3.9 U	2.0 U	1.9 U	9.6 U
Aroclor 1242	ug/kg	1.9 U	3.7 U	1.9 U	3.9 U	2.0 U	1.9 U	9.6 U
Aroclor 5432	ug/kg	3.7 U	7.2 U	3.8 U	7.5 U	3.9 U	3.7 U	19 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-036-SA5DN-SB-4.0-5.0 06/07/2011 DX099 4 5	SL-036-SA5DN-SB-9.0-10.0 06/07/2011 DX099 9 10	SL-037-SA5DN-SS-0.0-0.5 05/20/2011 DX085 0 0.5	SL-037-SA5DN-SB-4.0-5.0 06/09/2011 DX100 4 5	SL-037-SA5DN-SB-11.5-12.5 06/09/2011 DX100 11.5 12.5	SL-038-SA5DN-SS-0.0-0.5 05/20/2011 DX085 0 0.5	SL-038-SA5DN-SB-4.0-5.0 06/09/2011 DX100 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.16 U	0.0283 J Z	1.14 U B, Z	1.19 U B	1.10 U	1.16 U B, Z	1.11 U B
1,2,3,7,8,9-HxCDD	ng/kg	5.79 U B	5.71 U B	1.21 J Z	0.419 J Z	5.50 U B	1.88 J Z	0.801 J Z
OCDD	ng/kg	25.8	40.6	1060	39.7	11.0 U B	3320	393
1,2,3,4,6,7,8-HpCDD	ng/kg	2.69 J Z	3.30 J Z	87.5	3.63 J Z	5.50 U B	275	27.8
OCDF	ng/kg	11.6 U B	11.4 U B	11.4	11.9 U B	11.0 U B	21.7	6.00 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.0218 J Z	0.0200 J Z	5.70 U B, Z	5.97 U B	5.50 U B	0.656 J Z	0.126 J Z
1,2,3,7,8-PeCDD	ng/kg	0.0336 J Z	0.0243 J Z	5.70 U B, Z	0.101 J Z	5.50 U B	5.80 U B, Z	5.54 U
2,3,7,8-TCDF	ng/kg	1.16 U	1.14 U	0.284 J Z	0.0623 J Z	0.0317 J Z	0.261 J Z	0.207 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.79 U B	5.71 U	5.70 U B, Z	5.97 U B	5.50 U B	0.877 J Z	5.54 U B
2,3,4,7,8-PeCDF	ng/kg	5.79 U B	5.71 U B	5.70 U B, Z	5.97 U B	5.50 U B	5.80 U B, Z	0.515 J Z
1,2,3,7,8-PeCDF	ng/kg	5.79 U B	5.71 U B	5.70 U B, Z	0.338 J Z	5.50 U B	5.80 U B, Z	0.190 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.79 U B	5.71 U B	5.70 U B, Z	0.0921 J Z	5.50 U B	5.80 U B, Z	0.211 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.79 U B	5.71 U B	1.86 J Z	0.335 J Z	5.50 U B	4.00 J Z	0.940 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.79 U B	5.71 U B	5.70 U B, Z	5.97 U B	5.50 U B	5.80 U B, Z	0.139 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.79 U B	5.71 U B	3.65 J Z	5.97 U B	5.50 U B	8.55	1.73 J Z
1,2,3,4,7,8-HxCDF	ng/kg	5.79 U B	5.71 U B	5.70 U B, Z	5.97 U B	5.50 U B	5.80 U B, Z	0.770 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.79 U B	5.71 U B	5.70 U B, Z	0.571 J Z	5.50 U B	5.80 U B, Z	0.683 J Z
Aroclor 1260	ug/kg	2.0 U	2.0 U	2.0 U	2.1 U	1.9 U	5.8	2
Aroclor 1254	ug/kg	2.0 U	2.0 U	29	2.1 U	1.9 U	2.0 U	2.0 U
Aroclor 1268	ug/kg	2.0 U	2.0 U	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	2.0 U	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	3.9 U	3.8 U	4.3 J C	4.0 U	3.7 U	5.9 J C	3.2 J Z
Aroclor 1232	ug/kg	2.0 U	2.0 U	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	3.9 U	3.8 U	3.8 UJ C	4.0 U	3.7 U	3.8 UJ C	3.8 U
Aroclor 1248	ug/kg	2.0 U	2.0 U	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	2.0 U	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	2.0 U	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	2.0 U	2.0 U	2.1 U	1.9 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	3.9 U	3.8 U	3.8 U	4.0 U	3.7 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-038-SA5DN-SB-10.5-11.5 06/09/2011 DX100 10.5 11.5	SL-039-SA5DN-SS-0.0-0.5 05/20/2011 DX085 0 0.5	SL-039-SA5DN-SB-4.0-5.0 06/09/2011 DX100 4 5	SL-039-SA5DN-SB-11.5-12.5 06/09/2011 DX100 11.5 12.5	SL-040-SA5DN-SS-0.0-0.5 05/20/2011 DX086 0 0.5	SL-040-SA5DN-SB-4.0-5.0 06/09/2011 DX101 4 5	SL-040-SA5DN-SB-10.5-11.5 06/09/2011 DX101 10.5 11.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.09 U	1.15 U B, Z	1.15 U B	1.12 U	0.0210 J Z	1.16 U B	1.05 U B
1,2,3,7,8,9-HxCDD	ng/kg	5.45 U B	2.34 J Z	2.54 J Z	5.62 U B	1.88 J Z	0.759 J Z	5.23 U B
OCDD	ng/kg	15.9	3830	6890 J *#	293	3420	598	165
1,2,3,4,6,7,8-HpCDD	ng/kg	5.45 U B	361	606	18.5	265	64.1	14.7
OCDF	ng/kg	10.9 U B	23.5	43.9	2.81 J Z	26.9	5.20 J Z	10.5 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.45 U	0.710 J Z	1.03 J Z	5.62 U B	0.648 J Z	0.191 J Z	0.0286 J Z
1,2,3,7,8-PeCDD	ng/kg	5.45 U B	5.77 U B, Z	0.617 J Z	5.62 U	0.197 J Z	5.79 U B	5.23 U B
2,3,7,8-TCDF	ng/kg	1.09 U	0.231 J Z	1.15 U	1.12 U	0.208 J Z	0.325 J Z	1.05 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.45 U	1.08 J Z	1.13 J Z	5.62 U B	0.662 J Z	5.79 U B	5.23 U B
2,3,4,7,8-PeCDF	ng/kg	5.45 U B	5.77 U B, Z	0.657 J Z	5.62 U B	5.79 U B, Z	0.691 J Z	5.23 U B
1,2,3,7,8-PeCDF	ng/kg	5.45 U B	5.77 U B, Z	0.159 J Z	5.62 U B	5.79 U B, Z	0.834 J Z	5.23 U
1,2,3,6,7,8-HxCDF	ng/kg	5.45 U B	5.77 U B, Z	0.716 J Z	5.62 U B	0.258 J Z	5.79 U B	5.23 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.45 U B	4.97 J Z	8.25	0.326 J Z	3.93 J Z	1.35 J Z	5.23 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.45 U B	5.77 U B, Z	0.412 J Z	5.62 U B	5.79 U B, Z	5.79 U B	5.23 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.45 U B	9.06	14	0.937 J Z	9.21	1.77 J Z	5.23 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.45 U	5.77 U B, Z	0.819 J Z	5.62 U B	0.149 J Z	0.459 J Z	5.23 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.45 U B	5.77 U B, Z	0.576 J Z	5.62 U B	0.459 J Z	0.601 J Z	5.23 U B
Aroclor 1260	ug/kg	1.9 U	1.3 J Z	1.4 J Z	1.9 U	2.2	2.0 U	1.8 U
Aroclor 1254	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.8 U
Aroclor 1268	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.8 U
Aroclor 1221	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.8 U
Aroclor 5460	ug/kg	3.7 U	1.7 J Z, C	2.3 J Z	3.7 U	3.3 J Z, C	3.8 U	3.5 U
Aroclor 1232	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.8 U
Aroclor 5442	ug/kg	3.7 U	3.9 UJ C	3.9 U	3.7 U	3.8 UJ C	3.8 U	3.5 U
Aroclor 1248	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.8 U
Aroclor 1016	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.8 U
Aroclor 1262	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.8 U
Aroclor 1242	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.8 U
Aroclor 5432	ug/kg	3.7 U	3.9 U	3.9 U	3.7 U	3.8 U	3.8 U	3.5 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-041-SA5DN-SS-0.0-0.5 05/19/2011 DX086 0 0.5	SL-041-SA5DN-SB-4.0-5.0 06/10/2011 DX101 4 5	SL-041-SA5DN-SB-9.0-10.0 06/10/2011 DX101 9 10	SL-042-SA5DN-SS-0.0-0.5 05/19/2011 DX086 0 0.5	SL-042-SA5DN-SB-4.0-5.0 06/13/2011 DX101 4 5	SL-042-SA5DN-SB-9.0-10.0 06/13/2011 DX101 9 10	SL-043-SA5DN-SS-0.0-0.5 05/19/2011 DX086 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.17 U B, Z	1.19 U	1.10 U B	1.84 U B, Z	1.15 U B	1.09 U B	1.13 U B, Z
1,2,3,7,8,9-HxCDD	ng/kg	2.77 J Z	0.778 J Z	5.48 U B	1.47 J Z	0.562 J Z	5.46 U B	1.49 J Z
OCDD	ng/kg	5340 J *#	157	275	1340	750	322	947
1,2,3,4,6,7,8-HpCDD	ng/kg	438	12.5	26.2	100	58.4	23.6	68.7
OCDF	ng/kg	35	2.66 J Z	2.13 J Z	11.8 J Z	7.22 J Z	2.93 J Z	13.1
1,2,3,4,7,8-HxCDD	ng/kg	0.996 J Z	0.173 J Z	0.228 J Z	0.567 J Z	0.276 J Z	0.221 J Z	0.580 J Z
1,2,3,7,8-PeCDD	ng/kg	5.83 U B, Z	5.93 U B	5.48 U B	0.428 J Z	5.77 U B	5.46 U B	5.67 U B, Z
2,3,7,8-TCDF	ng/kg	0.375 J Z	0.113 J Z	0.154 J Z	0.227 J Z	0.0863 J Z	0.143 J Z	0.196 J FD, Z
1,2,3,4,7,8,9-HpCDF	ng/kg	0.878 J Z	5.93 U B	5.48 U B	9.18 U B, Z	5.77 U B	5.46 U B	5.67 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.83 U B, Z	0.572 J Z	0.412 J Z	9.18 U B, Z	5.77 U B	0.432 J Z	5.67 U B, Z
1,2,3,7,8-PeCDF	ng/kg	0.243 J Z	0.570 J Z	0.462 J Z	0.293 J Z	0.386 J Z	0.418 J Z	5.67 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.83 U B, Z	5.93 U B	5.48 U B	9.18 U B, Z	5.77 U B	5.46 U B	5.67 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	6.21	0.686 J Z	0.564 J Z	2.12 J Z	1.28 J Z	0.633 J Z	1.77 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.83 U B, Z	5.93 U B	5.48 U B	9.18 U B, Z	5.77 U B	5.46 U B	5.67 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	11.4	0.988 J Z	0.915 J Z	4.65 J Z	2.44 J Z	1.03 J Z	4.81 J Z
1,2,3,4,7,8-HxCDF	ng/kg	0.651 J Z	5.93 U B	5.48 U B	9.18 U B, Z	5.77 U B	0.314 J Z	0.522 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.660 J Z	0.801 J Z	5.48 U B	0.625 J Z	5.77 U B	5.46 U B	5.67 U B, Z
Aroclor 1260	ug/kg	9.9 U	2.9	1.7 J Z	1.9 J Z	0.87 J Z	0.59 J Z	2.5 J FD
Aroclor 1254	ug/kg	34	2.0 U	1.9 U	4.3	2.0 U	1.9 U	1.9 U
Aroclor 1268	ug/kg	9.9 U	2.0 U	1.9 U	3.1 U	2.0 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	9.9 U	2.0 U	1.9 U	3.1 U	2.0 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	27	4.2	2.6 J Z	6.1 U	3.9 U	3.6 U	1.8 J FD, Z
Aroclor 1232	ug/kg	9.9 U	2.0 U	1.9 U	3.1 U	2.0 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	19 U	3.9 U	3.7 U	6.1 U	3.9 U	3.6 U	3.8 U
Aroclor 1248	ug/kg	9.9 U	2.0 U	1.9 U	3.1 U	2.0 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	9.9 U	2.0 U	1.9 U	3.1 U	2.0 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	9.9 U	2.0 U	1.9 U	3.1 U	2.0 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	9.9 U	2.0 U	1.9 U	3.1 U	2.0 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	19 U	3.9 U	3.7 U	6.1 U	3.9 U	3.6 U	3.8 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-043-SA5DN-SB-4.0-5.0 06/13/2011 DX101 4 5	SL-043-SA5DN-SB-9.0-10.0 06/13/2011 DX101 9 10	SL-044-SA5DN-SS-0.0-0.5 05/20/2011 DX086 0 0.5	SL-044-SA5DN-SB-4.0-5.0 06/14/2011 DX102 4 5	SL-044-SA5DN-SB-12.0-13.0 06/14/2011 DX102 12 13	SL-045-SA5DN-SS-0.0-0.5 05/19/2011 DX086 0 0.5	SL-045-SA5DN-SB-4.0-5.0 06/10/2011 DX101 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.13 U B	1.12 U B	1.11 U B, Z	1.14 U	1.10 U B	1.15 U B, Z	1.17 U B
1,2,3,7,8,9-HxCDD	ng/kg	5.67 U B	5.58 U B	0.664 J Z	5.69 U B	5.52 U B	1.59 J Z	5.83 U B
OCDD	ng/kg	473	11.2 U B	414	11.2 J Z	11.0 U B	1160	11.7 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	34.9	5.58 U B	28.1	5.69 U B	5.52 U B	87.9	5.83 U B
OCDF	ng/kg	3.86 J Z	11.2 U B	6.46 J Z	11.4 U B	11.0 U B	12.3	11.7 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.104 J Z	5.58 U	5.56 U B, Z	5.69 U B	5.52 U B	0.619 J Z	0.324 J Z
1,2,3,7,8-PeCDD	ng/kg	5.67 U B	5.58 U	5.56 U B, Z	5.69 U B	5.52 U B	0.401 J Z	0.535 J Z
2,3,7,8-TCDF	ng/kg	1.13 U	1.12 U	0.168 J Z	1.14 U B	1.10 U B	0.317 J Z	0.0636 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.67 U B	5.58 U B	5.56 U B, Z	5.69 U B	5.52 U B	5.75 U B, Z	5.83 U B
2,3,4,7,8-PeCDF	ng/kg	5.67 U B	5.58 U B	5.56 U B, Z	5.69 U B	5.52 U B	5.75 U B, Z	0.541 J Z
1,2,3,7,8-PeCDF	ng/kg	5.67 U B	5.58 U B	5.56 U B, Z	0.268 J Z	0.316 J Z	0.471 J Z	0.504 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.67 U B	5.58 U B	5.56 U B, Z	5.69 U B	5.52 U B	5.75 U B, Z	0.384 J Z
1,2,3,6,7,8-HxCDD	ng/kg	0.663 J Z	5.58 U	0.853 J Z	5.69 U B	5.52 U B	2.26 J Z	0.329 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.67 U B	5.58 U B	5.56 U B, Z	5.69 U B	5.52 U B	5.75 U B, Z	5.83 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	1.44 J Z	5.58 U B	2.30 J Z	5.69 U B	5.52 U B	4.51 J Z	5.83 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.67 U B	5.58 U B	0.599 J Z	5.69 U B	5.52 U B	0.556 J Z	0.421 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.67 U B	5.58 U B	0.437 J Z	5.69 U B	5.52 U B	0.719 J Z	5.83 U B
Aroclor 1260	ug/kg	0.74 J Z	2.0 U	1.5 J Z	2.0 U	1.3 J Z	2.0 U	2.0 U
Aroclor 1254	ug/kg	1.9 U	2.0 U	1.9 U	2.0 U	3.7	5.5	2.0 U
Aroclor 1268	ug/kg	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 1221	ug/kg	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	3.8 U	3.8 U	3.7 UJ C	3.9 U	3.7 U	2.0 J Z	3.9 U
Aroclor 1232	ug/kg	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	3.8 U	3.8 U	3.7 UJ C	3.9 U	3.7 U	3.8 U	3.9 U
Aroclor 1248	ug/kg	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	4.4	2.0 U
Aroclor 1242	ug/kg	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	3.8 U	3.8 U	3.7 U	3.9 U	3.7 U	3.8 U	3.9 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-045-SA5DN-SB-9.0-10.0 06/10/2011 DX101 9 10	SL-046-SA5DN-SS-0.0-0.5 05/19/2011 DX086 0 0.5	SL-046-SA5DN-SB-4.0-5.0 06/13/2011 DX101 4 5	SL-046-SA5DN-SB-9.0-10.0 06/13/2011 DX101 9 10	SL-047-SA5DN-SS-0.0-0.5 05/19/2011 DX086 0 0.5	SL-047-SA5DN-SB-4.0-5.0 06/13/2011 DX102 4 5	SL-047-SA5DN-SB-10.0-11.0 06/13/2011 DX102 10 11
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.14 U B	0.150 J Z	1.12 U B	1.11 U	1.08 U	1.12 U	1.05 U
1,2,3,7,8,9-HxCDD	ng/kg	5.70 U B	2.29 J Z	5.60 U B	5.53 U B	2.63 J Z	5.61 U B	5.27 U B
OCDD	ng/kg	5.29 J Z	1430	7.30 J Z	11.1 U B	853	16	11.1
1,2,3,4,6,7,8-HpCDD	ng/kg	5.70 U B	101	5.60 U B	5.53 U B	79.9	5.61 U B	5.27 U B
OCDF	ng/kg	11.4 U B	17.9	11.2 U B	11.1 U B	14	11.2 U B	10.5 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.100 J Z	0.886 J Z	0.0323 J Z	0.0231 J Z	1.18 J Z	5.61 U B	5.27 U B
1,2,3,7,8-PeCDD	ng/kg	5.70 U B	0.563 J Z	5.60 U	5.53 U	0.745 J Z	5.61 U	5.27 U B
2,3,7,8-TCDF	ng/kg	0.0627 J Z	0.347 J Z	1.12 U	1.11 U	0.155 J Z	1.12 U	1.05 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.70 U B	5.61 U B, Z	5.60 U B	5.53 U B	5.39 U B, Z	5.61 U B	5.27 U B
2,3,4,7,8-PeCDF	ng/kg	5.70 U B	5.61 U B, Z	5.60 U B	5.53 U B	5.39 U B, Z	5.61 U B	5.27 U B
1,2,3,7,8-PeCDF	ng/kg	5.70 U B	0.223 J Z	5.60 U B	5.53 U B	0.299 J Z	5.61 U B	5.27 U
1,2,3,6,7,8-HxCDF	ng/kg	5.70 U B	5.61 U B, Z	5.60 U B	5.53 U B	5.39 U B, Z	5.61 U B	5.27 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.70 U B	3.24 J Z	5.60 U B	5.53 U B	4.03 J Z	5.61 U B	5.27 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.70 U B	0.529 J Z	5.60 U B	5.53 U B	0.494 J Z	5.61 U B	5.27 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.70 U B	6.56	5.60 U B	5.53 U B	5.88	5.61 U B	5.27 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.70 U B	0.518 J Z	5.60 U B	5.53 U B	0.587 J Z	5.61 U B	5.27 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.70 U B	0.721 J Z	5.60 U B	5.53 U	0.442 J Z	5.61 U B	5.27 U B
Aroclor 1260	ug/kg	2.0 U	14	2.0 U	2.0 U	0.45 J Z	1.9 U	1.8 U
Aroclor 1254	ug/kg	2.0 U	9.8 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 1268	ug/kg	2.0 U	9.8 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 1221	ug/kg	2.0 U	9.8 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 5460	ug/kg	3.8 U	19 U	3.8 U	3.8 U	3.6 U	3.7 U	3.5 U
Aroclor 1232	ug/kg	2.0 U	9.8 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 5442	ug/kg	3.8 U	19 U	3.8 U	3.8 U	3.6 U	3.7 U	3.5 U
Aroclor 1248	ug/kg	2.0 U	9.8 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 1016	ug/kg	2.0 U	9.8 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 1262	ug/kg	2.0 U	9.8 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 1242	ug/kg	2.0 U	9.8 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 5432	ug/kg	3.8 U	19 U	3.8 U	3.8 U	3.6 U	3.7 U	3.5 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-048-SA5DN-SS-0.0-0.5 05/19/2011 DX086 0 0.5	SL-048-SA5DN-SB-4.0-5.0 06/10/2011 DX101 4 5	SL-048-SA5DN-SB-11.5-12.5 06/10/2011 DX101 11.5 12.5	SL-049-SA5DN-SS-0.0-0.5 05/19/2011 DX086 0 0.5	SL-049-SA5DN-SB-4.0-5.0 06/10/2011 DX101 4 5	SL-049-SA5DN-SB-15.5-16.5 06/10/2011 DX101 15.5 16.5	SL-050-SA5DN-SS-0.0-0.5 05/20/2011 DX086 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.164 J Z	1.16 U	1.11 U	1.09 U B, Z	1.18 U	1.13 U B	0.122 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.83	5.81 U B	5.56 U B	2.23 J Z	0.418 J Z	5.66 U B	5.08 J Z
OCDD	ng/kg	4330 J *#	7.46 J Z	11.1 U B	772	11.8 U B	8.45 J Z	1750
1,2,3,4,6,7,8-HpCDD	ng/kg	223	5.81 U B	5.56 U B	59.5	5.89 U B	5.66 U B	136
OCDF	ng/kg	112	11.6 U B	11.1 U B	9.69 J Z	11.8 U B	11.3 U B	30.8
1,2,3,4,7,8-HxCDD	ng/kg	2.68 J Z	0.0421 J Z	0.0208 J Z	0.724 J Z	0.0376 J Z	0.0260 J Z	2.21 J Z
1,2,3,7,8-PeCDD	ng/kg	1.38 J Z	5.81 U B	5.56 U B	0.478 J Z	5.89 U	5.66 U	1.33 J Z
2,3,7,8-TCDF	ng/kg	0.698 J Z	1.16 U	1.11 U	0.842 J Z	1.18 U	1.13 U	1.93 Z
1,2,3,4,7,8,9-HpCDF	ng/kg	1.98 J Z	5.81 U B	5.56 U B	0.408 J Z	5.89 U B	5.66 U B	1.29 J Z
2,3,4,7,8-PeCDF	ng/kg	1.02 J Z	5.81 U B	5.56 U B	0.801 J Z	5.89 U B	5.66 U B	2.08 J Z
1,2,3,7,8-PeCDF	ng/kg	1.35 J Z	5.81 U B	5.56 U	1.01 J Z	5.89 U B	5.66 U B	0.356 J Z
1,2,3,6,7,8-HxCDF	ng/kg	1.09 J Z	5.81 U B	5.56 U B	0.557 J Z	5.89 U B	5.66 U B	1.41 J Z
1,2,3,6,7,8-HxCDD	ng/kg	7.19	5.81 U B	5.56 U B	2.51 J Z	5.89 U B	5.66 U B	6.28
2,3,4,6,7,8-HxCDF	ng/kg	1.39 J Z	5.81 U B	5.56 U B	0.433 J Z	5.89 U B	5.66 U B	1.17 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	25.5	5.81 U B	5.56 U B	4.08 J Z	5.89 U B	5.66 U B	11.1
1,2,3,4,7,8-HxCDF	ng/kg	1.75 J Z	5.81 U B	5.56 U B	0.759 J Z	5.89 U B	5.66 U B	2.20 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.714 J Z	5.81 U B	5.56 U B	1.29 J Z	0.517 J Z	5.66 U B	1.03 J Z
Aroclor 1260	ug/kg	8.4	2.0 U	1.9 U	2.5	1.7 J Z	1.9 U	9.8
Aroclor 1254	ug/kg	3.8 U	2.0 U	1.9 U	3.5	2.0 U	1.9 U	1.9 U
Aroclor 1268	ug/kg	3.8 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	3.8 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	4.9 J Z	3.8 U	3.7 U	5.3	1.6 J Z	3.8 U	3.5 J Z, C
Aroclor 1232	ug/kg	3.8 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	7.3 U	3.8 U	3.7 U	3.6 U	3.9 U	3.8 U	3.6 UJ C
Aroclor 1248	ug/kg	3.8 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	3.8 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	3.8 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	3.8 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	7.3 U	3.8 U	3.7 U	3.6 U	3.9 U	3.8 U	3.6 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-050-SA5DN-SB-4.0-5.0 06/09/2011 DX101 4 5	SL-050-SA5DN-SB-11.2-12.5 06/09/2011 DX101 11.2 12.5	SL-051-SA5DN-SS-0.0-0.5 05/20/2011 DX086 0 0.5	SL-051-SA5DN-SB-4.0-5.0 06/08/2011 DX100 4 5	SL-051-SA5DN-SB-14.0-15.0 06/08/2011 DX100 14 15	SL-052-SA5DN-SS-0.0-0.5 05/23/2011 DX087 0 0.5	SL-052-SA5DN-SB-4.0-5.0 06/03/2011 DX098 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.13 U	1.11 U	1.07 U	1.13 U B	1.10 U B	1.15 U	1.08 U
1,2,3,7,8,9-HxCDD	ng/kg	5.66 U B	5.55 U B	1.45 J Z	5.65 U B	5.48 U B	0.555 J Z	0.341 J Z
OCDD	ng/kg	5.42 J Z	11.1 U B	607	11.3 U B	11.0 U B	115	10.8 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.66 U B	5.55 U B	55.1	5.65 U B	5.48 U B	9.9	5.38 U B
OCDF	ng/kg	11.3 U B	11.1 U B	5.76 J Z	11.3 U B	11.0 U B	11.5 U B, Z	10.8 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.0409 J Z	0.0254 J Z	0.383 J Z	5.65 U B	5.48 U B	5.76 U B, Z	5.38 U
1,2,3,7,8-PeCDD	ng/kg	5.66 U B	5.55 U	0.316 J Z	5.65 U B	5.48 U B	5.76 U B, Z	5.38 U
2,3,7,8-TCDF	ng/kg	1.13 U	1.11 U	0.376 J Z	0.0204 J Z	0.0307 J Z	1.15 U B, Z	1.08 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.66 U B	5.55 U B	5.36 U B, Z	5.65 U B	5.48 U B	5.76 U B, Z	5.38 U
2,3,4,7,8-PeCDF	ng/kg	5.66 U B	5.55 U B	0.529 J Z	5.65 U B	5.48 U B	5.76 U B, Z	5.38 U B
1,2,3,7,8-PeCDF	ng/kg	5.66 U B	5.55 U B	5.36 U B, Z	5.65 U B	5.48 U B	5.76 U B, Z	5.38 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.66 U B	5.55 U B	0.399 J Z	5.65 U B	5.48 U B	5.76 U B, Z	5.38 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.66 U B	5.55 U B	1.74 J Z	5.65 U B	5.48 U B	0.481 J Z	5.38 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.66 U B	5.55 U B	0.305 J Z	5.65 U	5.48 U B	5.76 U B, Z	5.38 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.66 U B	5.55 U B	3.15 J Z	5.65 U B	5.48 U B	5.76 U B, Z	5.38 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.66 U B	5.55 U B	0.470 J Z	5.65 U B	5.48 U B	5.76 U B, Z	5.38 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.66 U B	5.55 U	0.959 J Z	0.173 J Z	5.48 U B	5.76 U B, Z	0.352 J Z
Aroclor 1260	ug/kg	1.9 U	1.9 U	1.6 J Z, *#	1.9 U	1.9 U	1.4 J Z	0.57 J Z, C
Aroclor 1254	ug/kg	1.9 U	1.9 U	3.0 J *#	1.9 U	1.9 U	2.0 U	1.9 UJ C
Aroclor 1268	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Aroclor 5460	ug/kg	3.8 U	3.7 U	1.4 J Z, C	3.7 U	3.7 U	3.4 J Z	3.7 U
Aroclor 1232	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Aroclor 5442	ug/kg	3.8 U	3.7 U	3.6 UJ C	3.7 U	3.7 U	3.8 U	3.7 U
Aroclor 1248	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 UJ C
Aroclor 1016	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 UJ C
Aroclor 5432	ug/kg	3.8 U	3.7 U	3.6 U	3.7 UJ C	3.7 UJ C	3.8 U	3.7 UJ C

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Sample Name Sample Date SDG Start Depth End Depth		SL-052-SA5DN-SB-9.0-10.0 06/03/2011 DX098 9 10	SL-053-SA5DN-SS-0.0-0.5 05/23/2011 DX087 0 0.5	SL-053-SA5DN-SB-4.0-5.0 06/06/2011 DX099 4 5	SL-053-SA5DN-SB-11.5-12.5 06/06/2011 DX099 11.5 12.5	SL-054-SA5DN-SS-0.0-0.5 05/18/2011 DX084 0 0.5	SL-054-SA5DN-SB-4.0-5.0 06/13/2011 DX102 4 5	SL-054-SA5DN-SB-9.0-10.0 06/13/2011 DX102 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.11 U	0.130 J Z	1.15 U	1.08 U	1.10 U	1.21 U	1.18 U
1,2,3,7,8,9-HxCDD	ng/kg	5.53 U B	1.79 J Z	5.77 U B	5.42 U B	0.871 J Z	6.05 U B	5.91 U B
OCDD	ng/kg	11.1 U B	358	11.5 U B	10.8 U B	630	45.5	7.71 J Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.53 U B	27.4	5.77 U B	5.42 U B	37.8	6.05 U B	5.91 U B
OCDF	ng/kg	11.1 U B	5.12 J Z	11.5 U B	10.8 U B	7.93 J Z	12.1 U B	11.8 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.53 U	0.379 J Z	5.77 U	5.42 U	0.292 J Z	6.05 U B	5.91 U B
1,2,3,7,8-PeCDD	ng/kg	5.53 U	0.440 J Z	5.77 U	0.0176 J Z	5.50 U B, Z	6.05 U B	5.91 U
2,3,7,8-TCDF	ng/kg	1.11 U	0.404 J Z	1.15 U	1.08 U	0.276 J Z	1.21 U	1.18 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.53 U B	5.58 U B, Z	5.77 U B	5.42 U B	5.50 U B, Z	6.05 U B	5.91 U B
2,3,4,7,8-PeCDF	ng/kg	5.53 U B	0.613 J Z	5.77 U B	5.42 U B	0.345 J Z	6.05 U B	5.91 U B
1,2,3,7,8-PeCDF	ng/kg	5.53 U	0.870 J Z	5.77 U B	5.42 U B	5.50 U B, Z	6.05 U B	5.91 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.53 U B	5.58 U B, Z	5.77 U B	5.42 U B	5.50 U B, Z	6.05 U B	5.91 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.53 U	1.60 J Z	5.77 U B	5.42 U B	1.10 J Z	6.05 U B	5.91 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.53 U B	5.58 U B, Z	5.77 U B	5.42 U B	5.50 U B, Z	6.05 U B	5.91 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.53 U B	2.38 J Z	5.77 U B	5.42 U B	2.59 J Z	6.05 U B	5.91 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.53 U B	0.623 J Z	5.77 U B	5.42 U B	0.859 J Z	6.05 U B	5.91 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.53 U	1.63 J Z	5.77 U B	5.42 U B	0.556 J Z	6.05 U B	5.91 U B
Aroclor 1260	ug/kg	2.0 UJ C	1.9 U	2.0 U	1.9 U	12	2.1 U	0.85 J Z
Aroclor 1254	ug/kg	2.0 UJ C	1.9 U	2.0 U	1.9 U	1.9 U	2.1 U	2.0 U
Aroclor 1268	ug/kg	2.0 U	1.9 U	2.0 U	1.9 U	1.9 U	2.1 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	1.9 U	2.0 U	1.9 U	1.9 U	2.1 U	2.0 U
Aroclor 5460	ug/kg	3.8 U	3.7 U	3.9 UJ E	3.7 UJ E	3.2 J Z	4.0 U	3.9 U
Aroclor 1232	ug/kg	2.0 U	1.9 U	2.0 U	1.9 U	1.9 U	2.1 U	2.0 U
Aroclor 5442	ug/kg	3.8 U	3.7 U	3.9 UJ E	3.7 UJ E	3.7 U	4.0 U	3.9 U
Aroclor 1248	ug/kg	2.0 UJ C	1.9 U	2.0 U	1.9 U	1.9 U	2.1 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	1.9 U	2.0 U	1.9 U	1.9 U	2.1 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	1.9 U	2.0 U	1.9 U	1.9 U	2.1 U	2.0 U
Aroclor 1242	ug/kg	2.0 UJ C	1.9 U	2.0 U	1.9 U	1.9 U	2.1 U	2.0 U
Aroclor 5432	ug/kg	3.8 UJ C	3.7 U	3.9 UJ E	3.7 UJ E	3.7 U	4.0 U	3.9 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-055-SA5DN-SS-0.0-0.5 05/18/2011 DX084 0 0.5	SL-055-SA5DN-SB-4.0-5.0 06/15/2011 DX103 4 5	SL-055-SA5DN-SB-9.0-10.0 06/15/2011 DX103 9 10	SL-056-SA5DN-SS-0.0-0.5 05/18/2011 DX084 0 0.5	SL-056-SA5DN-SB-4.0-5.0 06/15/2011 DX103 4 5	SL-056-SA5DN-SB-9.0-10.0 06/15/2011 DX103 9 10	SL-057-SA5DN-SS-0.0-0.5 05/24/2011 DX090 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.14 U	0.0518 J Z	0.0994 J Z	0.0269 J Z	0.0908 J Z	0.0380 J Z	1.13 UJ FD
1,2,3,7,8,9-HxCDD	ng/kg	0.733 J Z	5.82 U B	5.57 U B	5.62 U B, Z	5.82 U B	5.66 U B	0.404 J Z
OCDD	ng/kg	271	4.66 J Z	11.4	39.9	11.6 U B	11.3 U B	44.8
1,2,3,4,6,7,8-HpCDD	ng/kg	25	5.82 U B	5.57 U B	4.70 J Z	5.82 U B	5.66 U B	4.90 J Z
OCDF	ng/kg	5.20 J Z	11.6 U B	11.1 U B	11.2 U B, Z	11.6 U B	11.3 U B	11.3 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	5.69 U B, Z	0.0682 J Z	0.165 J Z	5.62 U B, Z	0.157 J Z	0.102 J Z	5.67 U B, Z
1,2,3,7,8-PeCDD	ng/kg	5.69 U B, Z	5.82 U B	0.330 J Z	5.62 U B, Z	0.373 J Z	5.66 U B	0.126 J FD, Z
2,3,7,8-TCDF	ng/kg	1.14 U	0.0407 J Z	0.0549 J Z	1.12 U B, Z	1.16 U	0.0625 J Z	0.0807 J FD, Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.69 U B, Z	5.82 U B	5.57 U B	5.62 U B, Z	5.82 U B	5.66 U B	5.67 U B, Z
2,3,4,7,8-PeCDF	ng/kg	0.806 J Z	5.82 U B	5.57 U B	5.62 U B, Z	5.82 U B	5.66 U B	5.67 U B, Z
1,2,3,7,8-PeCDF	ng/kg	0.390 J Z	0.137 J Z	0.335 J Z	5.62 U B, Z	0.340 J Z	0.234 J Z	0.152 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.900 J Z	5.82 U B	5.57 U B	5.62 U B, Z	5.82 U B	5.66 U B	5.67 UJ B, FD, Z
1,2,3,6,7,8-HxCDD	ng/kg	1.46 J Z	5.82 U B	5.57 U B	5.62 U B, Z	5.82 U B	5.66 U B	0.382 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.438 J Z	5.82 U B	5.57 U B	5.62 U B, Z	5.82 U B	5.66 U B	5.67 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	4.01 J Z	5.82 U B	5.57 U B	0.856 J Z	5.82 U B	5.66 U B	0.876 J Z
1,2,3,4,7,8-HxCDF	ng/kg	0.874 J Z	5.82 U B	5.57 U B	5.62 U B, Z	5.82 U B	5.66 U B	0.333 J FD, Z
1,2,3,7,8,9-HxCDF	ng/kg	0.400 J Z	0.120 J Z	0.173 J Z	5.62 U B, Z	0.193 J Z	0.124 J Z	5.67 U B, Z
Aroclor 1260	ug/kg	16	2.0 U	1.9 U	1.7 J Z	2.0 U	1.9 U	1.3 J FD, Z
Aroclor 1254	ug/kg	55	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U
Aroclor 1268	ug/kg	9.7 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U
Aroclor 1221	ug/kg	9.7 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U
Aroclor 5460	ug/kg	43	3.9 U	3.7 U	1.6 J Z	3.9 U	3.8 U	1.6 J FD, Z
Aroclor 1232	ug/kg	9.7 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U
Aroclor 5442	ug/kg	19 U	3.9 U	3.7 U	3.7 U	3.9 U	3.8 U	3.8 U
Aroclor 1248	ug/kg	9.7 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U
Aroclor 1016	ug/kg	9.7 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U
Aroclor 1262	ug/kg	9.7 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U
Aroclor 1242	ug/kg	9.7 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U
Aroclor 5432	ug/kg	19 U	3.9 U	3.7 U	3.7 U	3.9 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-057-SA5DN-SB-4.0-5.0 06/16/2011 DX102 4 5	SL-057-SA5DN-SB-9.0-10.0 06/16/2011 DX102 9 10	SL-058-SA5DN-SS-0.0-0.5 05/18/2011 DX084 0 0.5	SL-058-SA5DN-SB-4.0-5.0 06/16/2011 DX102 4 5	SL-058-SA5DN-SB-9.0-10.0 06/16/2011 DX102 9 10	SL-059-SA5DN-SS-0.0-0.5 05/18/2011 DX084 0 0.5	SL-059-SA5DN-SB-4.0-5.0 06/16/2011 DX103 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.15 U B	1.13 U	0.0577 J Z	1.14 U	1.14 U	1.11 U	1.12 U
1,2,3,7,8,9-HxCDD	ng/kg	5.74 U B	5.66 U B	1.26 J Z	5.72 U B	5.72 U B	0.385 J Z	5.58 U B
OCDD	ng/kg	11.5 U B	11.3 U B	432	11.4 U B	6.53 J Z	55.5	11.2 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.74 U B	5.66 U B	28.9	5.72 U B	5.72 U B	4.69 J Z	5.58 U B
OCDF	ng/kg	11.5 U B	11.3 U B	11.7	11.4 U B	11.4 U B	2.48 J Z	11.2 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.74 U B	5.66 U B	0.324 J Z	5.72 U	5.72 U B	5.57 U B, Z	5.58 U
1,2,3,7,8-PeCDD	ng/kg	5.74 U B	5.66 U B	5.66 U B, Z	5.72 U	5.72 U B	5.57 U	5.58 U
2,3,7,8-TCDF	ng/kg	1.15 U B	1.13 U	0.526 J Z	1.14 U	1.14 U	1.11 U	1.12 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.74 U B	5.66 U B	5.66 U B, Z	5.72 U B	5.72 U B	5.57 U B, Z	5.58 U B
2,3,4,7,8-PeCDF	ng/kg	5.74 U B	5.66 U B	0.819 J Z	5.72 U B	5.72 U B	5.57 U B, Z	5.58 U B
1,2,3,7,8-PeCDF	ng/kg	5.74 U B	5.66 U B	0.390 J Z	5.72 U B	5.72 U B	5.57 U B, Z	5.58 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.74 U B	5.66 U B	5.66 U B, Z	5.72 U B	5.72 U B	5.57 U B, Z	5.58 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.74 U B	5.66 U B	1.36 J Z	5.72 U B	5.72 U B	0.353 J Z	5.58 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.74 U B	5.66 U B	0.429 J Z	5.72 U B	5.72 U B	5.57 U B, Z	5.58 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.74 U B	5.66 U B	4.06 J Z	5.72 U B	5.72 U B	5.57 U B, Z	5.58 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.74 U B	5.66 U B	1.09 J Z	5.72 U B	5.72 U B	5.57 U B, Z	5.58 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.74 U B	5.66 U B	1.01 J Z	5.72 U	5.72 U B	0.499 J Z	0.162 J Z
Aroclor 1260	ug/kg	2.0 U	1.9 U	3.9	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1254	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1268	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 5460	ug/kg	3.8 U	3.7 U	8.4	3.9 U	3.8 U	3.7 U	3.8 U
Aroclor 1232	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 5442	ug/kg	3.8 U	3.7 U	3.8 U	3.9 U	3.8 U	3.7 U	3.8 U
Aroclor 1248	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 5432	ug/kg	3.8 U	3.7 U	3.8 U	3.9 U	3.8 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-059-SA5DN-SB-9.0-10.0 06/16/2011 DX103 9 10	SL-060-SA5DN-SS-0.0-0.5 05/25/2011 DX090 0 0.5	SL-060-SA5DN-SB-4.0-5.0 08/05/2011 DX125 4 5	SL-060-SA5DN-SB-7.0-8.0 08/05/2011 DX125 7 8	SL-061-SA5DN-SB-4.0-5.0 06/16/2011 DX103 4 5	SL-061-SA5DN-SB-9.0-10.0 06/16/2011 DX103 9 10	SL-062-SA5DN-SB-4.0-5.0 06/16/2011 DX103 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.14 U	0.0919 J Z	1.01 U	1.14 U	1.14 U	1.13 U	0.0749 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.68 U B	1.17 J Z	0.112 J Z	0.0781 J Z	5.72 U B	5.65 U B	5.87 U B
OCDD	ng/kg	11.4 U B	375	9.27 J Z	4.62 J Z	11.4 U B	11.3 U B	17.5
1,2,3,4,6,7,8-HpCDD	ng/kg	5.68 U B	23.4	5.03 U B	5.72 U B	5.72 U B	5.65 U B	5.87 U B
OCDF	ng/kg	11.4 U B	7.68 J Z	10.1 U B	11.4 U B	11.4 U B	11.3 U B	11.7 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.0298 J Z	0.428 J Z	5.03 U B	5.72 U	5.72 U	0.0538 J Z	0.0906 J Z
1,2,3,7,8-PeCDD	ng/kg	5.68 U	0.375 J Z	5.03 U	5.72 U	5.72 U B	5.65 U B	5.87 U B
2,3,7,8-TCDF	ng/kg	1.14 U	0.266 J Z	1.01 U	1.14 U	0.0295 J Z	1.13 U	0.0274 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.68 U B	0.376 J Z	5.03 U B	5.72 U B	5.72 U B	5.65 U B	5.87 U B
2,3,4,7,8-PeCDF	ng/kg	5.68 U B	0.643 J Z	5.03 U B	5.72 U B	5.72 U B	5.65 U B	5.87 U B
1,2,3,7,8-PeCDF	ng/kg	5.68 U B	0.297 J Z	0.0977 J Z	5.72 U	5.72 U B	5.65 U B	0.162 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.68 U B	0.361 J Z	0.108 J Z	0.0519 J Z	5.72 U B	5.65 U B	5.87 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.68 U B	1.29 J Z	0.131 J Z	5.72 U	5.72 U B	5.65 U B	5.87 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.68 U B	0.477 J Z	0.103 J Z	5.72 U	5.72 U B	5.65 U B	5.87 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.68 U B	2.75 J Z	5.03 U B	5.72 U B	5.72 U B	5.65 U B	5.87 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.68 U	0.824 J Z	0.0990 J Z	5.72 U	5.72 U B	5.65 U B	5.87 U B
1,2,3,7,8,9-HxCDF	ng/kg	0.0569 J Z	0.836 J Z	5.03 U B	5.72 U B	0.388 J Z	0.0810 J Z	0.176 J Z
Aroclor 1260	ug/kg	2.0 U	4.5	1.8 U B	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1254	ug/kg	2.0 U	3.7 U	0.95 J Z	13	2.0 U	2.0 U	2.0 U
Aroclor 1268	ug/kg	2.0 U	3.7 U	1.8 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	3.7 U	1.8 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	3.9 U	7.1 U	3.4 U	3.8 U	3.8 U	3.8 U	3.9 U
Aroclor 1232	ug/kg	2.0 U	3.7 U	1.8 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	3.9 U	7.1 U	3.4 U	3.8 U	3.8 U	3.8 U	3.9 U
Aroclor 1248	ug/kg	2.0 U	3.7 U	1.8 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	3.7 U	1.8 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	3.7 U	1.8 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	3.7 U	1.8 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	3.9 U	7.1 U	3.4 U	3.8 U	3.8 U	3.8 U	3.9 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-064-SA5DN-SS-0.0-0.5 05/18/2011 DX084 0 0.5	SL-064-SA5DN-SB-4.0-5.0 05/20/2011 DX086 4 5	SL-065-SA5DN-SS-0.0-0.5 05/18/2011 DX084 0 0.5	SL-065-SA5DN-SB-4.0-5.0 05/20/2011 DX086 4 5	SL-065-SA5DN-SB-7.0-8.0 05/20/2011 DX086 7 8	SL-066-SA5DN-SS-0.0-0.5 05/17/2011 DX082 0 0.5	SL-066-SA5DN-SB-4.0-5.0 05/19/2011 DX083 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.48	1.15 U B, Z	0.375 J Z	1.12 U	1.10 U	0.290 J Z	1.12 U B, Z
1,2,3,7,8,9-HxCDD	ng/kg	15.8	5.74 U B, Z	11.5	5.62 U B, Z	5.52 U B, Z	5.77	5.58 U B, Z
OCDD	ng/kg	7850 J *#	4.59 J Z	5070 J *#	11.2 U B, Z	11.0 U B, Z	1790	11.2 U B, Z
1,2,3,4,6,7,8-HpCDD	ng/kg	501	5.74 U B, Z	364	5.62 U B, Z	5.52 U B, Z	156	5.58 U B, Z
OCDF	ng/kg	124	11.5 U B, Z	106	11.2 U B, Z	11.0 U B, Z	47.8	11.2 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	7.08	5.74 U B, Z	5.19 J Z	5.62 U	5.52 U	2.01 J Z	5.58 U B, Z
1,2,3,7,8-PeCDD	ng/kg	4.20 J Z	5.74 U B, Z	3.09 J Z	5.62 U B, Z	5.52 U	1.24 J Z	5.58 U B, Z
2,3,7,8-TCDF	ng/kg	1.33 Z	0.0161 J Z	0.623 J Z	0.0201 J Z	1.10 U	0.624 J Z	1.12 U
1,2,3,4,7,8,9-HpCDF	ng/kg	2.93 J Z	5.74 U B, Z	4.05 J Z	5.62 U	5.52 U B, Z	2.32 J Z	5.58 U B, Z
2,3,4,7,8-PeCDF	ng/kg	2.24 J Z	5.74 U B, Z	1.04 J Z	5.62 U B, Z	5.52 U B, Z	1.13 J Z	5.58 U B, Z
1,2,3,7,8-PeCDF	ng/kg	1.07 J Z	5.74 U B, Z	0.603 J Z	5.62 U B, Z	5.52 U B, Z	0.553 J Z	5.58 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	2.17 J Z	5.74 U B, Z	2.78 J Z	5.62 U	5.52 U B, Z	1.72 J Z	5.58 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	19.3	5.74 U B, Z	15	5.62 U B, Z	5.52 U B, Z	7.72	5.58 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	2.23 J Z	5.74 U B, Z	3.11 J Z	5.62 U	5.52 U	1.74 J Z	5.58 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	38	5.74 U B, Z	44.8	5.62 U B, Z	5.52 U B, Z	22.9	5.58 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	3.60 J Z	5.74 U B, Z	2.49 J Z	5.62 U B, Z	5.52 U B, Z	1.44 J Z	5.58 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	1.68 J Z	5.74 U B, Z	2.03 J Z	5.62 U B, Z	5.52 U B, Z	2.39 J Z	5.58 U B, Z
Aroclor 1260	ug/kg	6.1 J Z	2.0 U	4.4 J Z	1.9 U	1.9 U	3	1.9 U
Aroclor 1254	ug/kg	9.8 U	2.0 U	9.6 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 1268	ug/kg	9.8 U	2.0 U	9.6 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	9.8 U	2.0 U	9.6 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	22	3.8 UJ C	18 J Z	3.7 UJ C	3.6 UJ C	6.4	3.8 U
Aroclor 1232	ug/kg	9.8 U	2.0 U	9.6 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	19 U	3.8 UJ C	19 U	3.7 UJ C	3.6 UJ C	3.6 U	3.8 U
Aroclor 1248	ug/kg	9.8 U	2.0 U	9.6 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	9.8 U	2.0 U	9.6 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	9.8 U	2.0 U	9.6 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	9.8 U	2.0 U	9.6 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	19 U	3.8 U	19 U	3.7 U	3.6 U	3.6 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-066-SA5DN-SB-9.0-10.0 05/19/2011 DX083 9 10	SL-067-SA5DN-SS-0.0-0.5 05/17/2011 DX082 0 0.5	SL-067-SA5DN-SB-4.0-5.0 05/19/2011 DX083 4 5	SL-067-SA5DN-SB-9.0-10.0 05/19/2011 DX083 9 10	SL-068-SA5DN-SB-4.0-5.0 05/17/2011 DX083 4 5	SL-068-SA5DN-SB-9.0-10.0 05/17/2011 DX083 9 10	SL-069-SA5DN-SB-4.0-5.0 05/18/2011 DX085 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.17 U	0.296 J Z	1.14 U B, Z	1.16 U B, Z	1.11 U B, Z	1.13 U B, Z	1.15 U B, Z
1,2,3,7,8,9-HxCDD	ng/kg	5.84 U B, Z	4.37 J Z	5.68 U B, Z	5.78 U B, Z	5.55 U B, Z	5.64 U B, Z	5.77 U B, Z
OCDD	ng/kg	11.7 U B, Z	2370	5.12 J Z	26.7	11.1 U B, Z	11.3 U B, Z	11.5 U B, Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.84 U B, Z	145	5.68 U B, Z	3.45 J Z	5.55 U B, Z	5.64 U B, Z	5.77 U B, Z
OCDF	ng/kg	11.7 U B, Z	45.3	11.4 U B, Z	11.6 U B, Z	11.1 U B, Z	11.3 U B, Z	11.5 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	5.84 U B, Z	1.72 J Z	5.68 U B, Z	5.78 U B, Z	5.55 U B, Z	5.64 U B, Z	5.77 U B, Z
1,2,3,7,8-PeCDD	ng/kg	5.84 U B, Z	1.03 J Z	5.68 U B, Z	5.78 U B, Z	5.55 U B, Z	5.64 U B, Z	5.77 U B, Z
2,3,7,8-TCDF	ng/kg	1.17 U	0.758 J Z	1.14 U	1.16 U B, Z	1.11 U B, Z	1.13 U B, Z	1.15 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.84 U B, Z	1.79 J Z	5.68 U B, Z	5.78 U B, Z	5.55 U B, Z	5.64 U B, Z	5.77 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.84 U B, Z	0.997 J Z	5.68 U B, Z	5.78 U B, Z	5.55 U B, Z	5.64 U B, Z	5.77 U B, Z
1,2,3,7,8-PeCDF	ng/kg	5.84 U B, Z	0.726 J Z	5.68 U B, Z	5.78 U B, Z	5.55 U B, Z	5.64 U B, Z	5.77 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.84 U B, Z	1.28 J Z	5.68 U B, Z	5.78 U B, Z	5.55 U B, Z	5.64 U B, Z	5.77 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	5.84 U B, Z	5.73	5.68 U B, Z	5.78 U B, Z	5.55 U B, Z	5.64 U B, Z	5.77 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	5.84 U B, Z	1.38 J Z	5.68 U B, Z	5.78 U B, Z	5.55 U B, Z	5.64 U B, Z	5.77 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.84 U B, Z	21.6	5.68 U B, Z	5.78 U B, Z	5.55 U B, Z	5.64 U B, Z	5.77 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	5.84 U B, Z	2.08 J Z	5.68 U B, Z	5.78 U B, Z	5.55 U B, Z	5.64 U B, Z	5.77 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	5.84 U B, Z	1.76 J Z	5.68 U B, Z	5.78 U B, Z	5.55 U B, Z	5.64 U B, Z	5.77 U B, Z
Aroclor 1260	ug/kg	2.0 U	3.1	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 1254	ug/kg	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 1268	ug/kg	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	3.9 U	8.1	3.8 U	3.9 U	3.7 U	3.8 U	3.8 U
Aroclor 1232	ug/kg	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	3.9 U	3.6 U	3.8 U	3.9 U	3.7 U	3.8 U	3.8 U
Aroclor 1248	ug/kg	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	3.9 U	3.6 U	3.8 U	3.9 U	3.7 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-069-SA5DN-SB-9.0-10.0 05/18/2011 DX085 9 10	SL-070-SA5DN-SB-4.0-5.0 05/18/2011 DX085 4 5	SL-070-SA5DN-SB-9.0-10.0 05/18/2011 DX085 9 10	SL-071-SA5DN-SS-0.0-0.5 05/27/2011 DX094 0 0.5	SL-071-SA5DN-SB-4.0-5.0 08/10/2011 DX127 4 5	SL-071-SA5DN-SB-9.0-10.0 08/10/2011 DX127 9 10	SL-072-SA5DN-SS-0.0-0.5 05/17/2011 DX082 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.14 U B, Z	1.13 U	1.15 U B, Z	1.08 U B	1.14 U	1.11 U	0.242 J FD, Z
1,2,3,7,8,9-HxCDD	ng/kg	5.71 U B, Z	5.65 U B, Z	5.74 U B, Z	1.74 J Z	5.71 U	5.53 U	3.36 J Z
OCDD	ng/kg	11.4 U B, Z	11.3 U B, Z	11.5 U B, Z	1250	12.5	2.98 J Z	1480
1,2,3,4,6,7,8-HpCDD	ng/kg	5.71 U B, Z	5.65 U B, Z	5.74 U B, Z	79.2	1.32 J Z	5.53 U B	112 J Q
OCDF	ng/kg	11.4 U B, Z	11.3 U B, Z	11.5 U B, Z	15.8	11.4 U B	11.1 U B	26.9
1,2,3,4,7,8-HxCDD	ng/kg	5.71 U B, Z	5.65 U B, Z	5.74 U B, Z	1.06 J Z	5.71 U	5.53 U B	2.42 J Z
1,2,3,7,8-PeCDD	ng/kg	5.71 U B, Z	5.65 U B, Z	5.74 U B, Z	0.561 J Z	5.71 U	5.53 U	1.23 J Z
2,3,7,8-TCDF	ng/kg	1.14 U B, Z	1.13 U	1.15 U	0.397 J Z	1.14 U	1.11 U	0.483 J FD, Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.71 U B, Z	5.65 U B, Z	5.74 U B, Z	5.40 U B	5.71 U B	5.53 U	1.10 J Z
2,3,4,7,8-PeCDF	ng/kg	5.71 U B, Z	5.65 U B, Z	5.74 U B, Z	0.743 J Z	5.71 U B	5.53 U B	1.11 J Z
1,2,3,7,8-PeCDF	ng/kg	5.71 U B, Z	5.65 U B, Z	5.74 U B, Z	2.11 J Z	5.71 U	0.0528 J Z	0.662 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.71 U B, Z	5.65 U B, Z	5.74 U B, Z	0.550 J Z	5.71 U	5.53 U B	1.39 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.71 U B, Z	5.65 U B, Z	5.74 U B, Z	2.24 J Z	0.0705 J Z	5.53 U	4.53 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.71 U B, Z	5.65 U B, Z	5.74 U B, Z	0.517 J Z	5.71 U	0.0557 J Z	1.02 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.71 U B, Z	5.65 U B, Z	5.74 U B, Z	10.5	5.71 U	5.53 U	19
1,2,3,4,7,8-HxCDF	ng/kg	5.71 U B, Z	5.65 U B, Z	5.74 U B, Z	0.720 J Z	5.71 U B	5.53 U	1.52 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.71 U B, Z	5.65 U B, Z	5.74 U B, Z	5.40 U B	5.71 U	5.53 U	5.51 U B, Z
Aroclor 1260	ug/kg	1.9 U	2.0 U	2.0 U	2.3	2.0 U	2.0 U	4.7 J FD
Aroclor 1254	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U
Aroclor 1268	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U
Aroclor 5460	ug/kg	3.8 U	3.8 U	3.8 U	1.6 J Z	3.8 U	3.8 U	1.8 J FD, Z
Aroclor 1232	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U
Aroclor 5442	ug/kg	3.8 U	3.8 U	3.8 U	3.6 U	3.8 U	3.8 U	3.7 U
Aroclor 1248	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U
Aroclor 1016	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	1.9 U
Aroclor 5432	ug/kg	3.8 U	3.8 U	3.8 U	3.6 U	3.8 U	3.8 U	3.7 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-072-SA5DN-SB-4.0-5.0 08/10/2011 DX127 4 5	SL-073-SA5DN-SB-4.0-5.0 05/17/2011 DX083 4 5	SL-073-SA5DN-SB-9.0-10.0 05/17/2011 DX083 9 10	SL-074-SA5DN-SS-0.0-0.5 05/17/2011 DX082 0 0.5	SL-074-SA5DN-SB-4.0-5.0 05/18/2011 DX085 4 5	SL-074-SA5DN-SB-9.0-10.0 05/18/2011 DX085 9 10	SL-075-SA5DN-SS-0.0-0.5 05/17/2011 DX082 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.19 U	1.13 U B, Z	1.10 U B, Z	0.221 J Z	1.12 U	1.13 U B, Z	0.0396 J Z
1,2,3,7,8,9-HxCDD	ng/kg	0.477 J Z	5.64 U B, Z	5.51 U B, Z	2.92 J Z	5.59 U B, Z	5.67 U B, Z	1.96 J Z
OCDD	ng/kg	338	11.3 U B, Z	11.0 U B, Z	1510	11.2 U B, Z	11.3 U B, Z	818
1,2,3,4,6,7,8-HpCDD	ng/kg	29.5	5.64 U B, Z	5.51 U B, Z	91.9	5.59 U B, Z	5.67 U B, Z	42.7
OCDF	ng/kg	5.56 J Z	11.3 U B, Z	11.0 U B, Z	76.9	11.2 U B, Z	11.3 U B, Z	19.8
1,2,3,4,7,8-HxCDD	ng/kg	5.93 U	5.64 U B, Z	5.51 U B, Z	1.04 J Z	5.59 U B, Z	5.67 U B, Z	0.336 J Z
1,2,3,7,8-PeCDD	ng/kg	5.93 U	5.64 U B, Z	5.51 U B, Z	0.911 J Z	5.59 U B, Z	5.67 U B, Z	5.95 U B, Z
2,3,7,8-TCDF	ng/kg	1.19 U	1.13 U B, Z	1.10 U	0.362 J Z	1.12 U B, Z	1.13 U B, Z	0.221 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.93 U B	5.64 U B, Z	5.51 U B, Z	1.67 J Z	5.59 U B, Z	5.67 U B, Z	5.95 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.93 U B	5.64 U B, Z	5.51 U B, Z	0.971 J Z	5.59 U B, Z	5.67 U B, Z	0.887 J Z
1,2,3,7,8-PeCDF	ng/kg	0.0947 J Z	5.64 U B, Z	5.51 U B, Z	0.886 J Z	5.59 U B, Z	5.67 U B, Z	5.95 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.93 U B	5.64 U B, Z	5.51 U B, Z	1.24 J Z	5.59 U B, Z	5.67 U B, Z	0.797 J Z
1,2,3,6,7,8-HxCDD	ng/kg	0.950 J Z	5.64 U B, Z	5.51 U B, Z	4.05 J Z	5.59 U B, Z	5.67 U B, Z	2.25 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.220 J Z	5.64 U B, Z	5.51 U B, Z	1.37 J Z	5.59 U B, Z	5.67 U B, Z	0.598 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	2.30 J Z	5.64 U B, Z	5.51 U B, Z	28.3	5.59 U B, Z	5.67 U B, Z	9.18
1,2,3,4,7,8-HxCDF	ng/kg	5.93 U	5.64 U B, Z	5.51 U B, Z	1.62 J Z	5.59 U B, Z	5.67 U B, Z	1.14 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.93 U B	5.64 U B, Z	5.51 U B, Z	2.14 J Z	5.59 U B, Z	5.67 U B, Z	1.52 J Z
Aroclor 1260	ug/kg	1.0 J S, Z	1.9 U	1.9 U	1.8 J Z	1.9 U	2.0 U	1.4 J Z
Aroclor 1254	ug/kg	1.9 J S, Z	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 1268	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 1221	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 5460	ug/kg	3.9 U	3.7 U	3.7 U	4.9	3.8 U	3.8 U	4.0 U
Aroclor 1232	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 5442	ug/kg	3.9 U	3.7 U	3.7 U	3.6 U	3.8 U	3.8 U	4.0 U
Aroclor 1248	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 1016	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 1262	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 1242	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	2.1 U
Aroclor 5432	ug/kg	3.9 U	3.7 U	3.7 U	3.6 U	3.8 U	3.8 U	4.0 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-075-SA5DN-SB-4.0-5.0 05/23/2011 DX087 4 5	SL-075-SA5DN-SB-9.0-10.0 05/23/2011 DX087 9 10	SL-076-SA5DN-SS-0.0-0.5 05/17/2011 DX082 0 0.5	SL-076-SA5DN-SB-4.0-5.0 05/18/2011 DX085 4 5	SL-076-SA5DN-SB-9.0-10.0 05/18/2011 DX085 9 10	SL-077-SA5DN-SB-4.0-5.0 06/27/2011 DX106 4 5	SL-077-SA5DN-SB-9.0-10.0 06/27/2011 DX106 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.11 U	0.0743 J Z	0.258 J Z	1.09 U B, Z	1.13 U B, Z	0.0530 J Z	1.19 U
1,2,3,7,8,9-HxCDD	ng/kg	5.53 U B, Z	5.68 U B, Z	4.12 J Z	5.45 U B, Z	5.65 U B, Z	5.86 U B	5.97 U B
OCDD	ng/kg	11.1 U B, Z	13.4	2820	78.7 J FD	161	17.3	10.7 J Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.53 U B, Z	5.68 U B, Z	158	5.12 J FD, Z	6.91	5.86 U B	5.97 U B
OCDF	ng/kg	11.1 U B, Z	11.4 U B, Z	44.7	10.9 UJ B, FD, Z	3.29 J Z	11.7 U B	11.9 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.53 U	5.68 U B, Z	1.66 J Z	5.45 U B, Z	5.65 U B, Z	5.86 U	5.97 U
1,2,3,7,8-PeCDD	ng/kg	5.53 U	5.68 U B, Z	0.953 J Z	5.45 UJ B, FD, Z	5.65 U B, Z	5.86 U	5.97 U B
2,3,7,8-TCDF	ng/kg	1.11 U	1.14 U B, Z	0.262 J Z	0.194 J FD, Z	1.13 U B, Z	0.0385 J Z	1.19 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.53 U B, Z	5.68 U B, Z	1.06 J Z	5.45 U B, Z	5.65 U B, Z	5.86 U B	5.97 U B
2,3,4,7,8-PeCDF	ng/kg	5.53 U B, Z	5.68 U B, Z	5.38 U B, Z	5.45 UJ B, FD, Z	5.65 U B, Z	5.86 U B	5.97 U B
1,2,3,7,8-PeCDF	ng/kg	5.53 U B, Z	5.68 U B, Z	5.38 U B, Z	0.571 J FD, Z	5.65 U B, Z	5.86 U B	5.97 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.53 U B, Z	5.68 U B, Z	0.682 J Z	5.45 UJ B, FD, Z	5.65 U B, Z	5.86 U B	5.97 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.53 U B, Z	5.68 U B, Z	5.23 J Z	5.45 UJ B, FD, Z	0.598 J Z	0.103 J Z	5.97 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.53 U B, Z	5.68 U B, Z	0.753 J Z	5.45 U B, Z	5.65 U B, Z	5.86 U B	5.97 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.53 U B, Z	5.68 U B, Z	15.1	5.45 UJ B, FD, Z	1.14 J Z	5.86 U B	5.97 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.53 U B, Z	5.68 U B, Z	1.11 J Z	5.45 UJ B, FD, Z	5.65 U B, Z	5.86 U B	5.97 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.53 U B, Z	5.68 U B, Z	1.23 J Z	5.45 UJ B, FD, Z	5.65 U B, Z	5.86 U B	5.97 U B
Aroclor 1260	ug/kg	2.0 U	1.9 U	2.5	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 1254	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	0.59 J Z	2.0 U	2.0 U
Aroclor 1268	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	3.8 U	3.8 U	6.7	3.6 U	3.8 U	3.9 U	3.9 U
Aroclor 1232	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	3.8 U	3.8 U	3.6 U	3.6 U	3.8 U	3.9 U	3.9 U
Aroclor 1248	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	3.8 U	3.8 U	3.6 U	3.6 U	3.8 U	3.9 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-078-SA5DN-SB-4.0-5.0 06/27/2011 DX106 4 5	SL-078-SA5DN-SB-9.0-10.0 06/27/2011 DX106 9 10	SL-079-SA5DN-SS-0.0-0.5 05/17/2011 DX082 0 0.5	SL-079-SA5DN-SB-4.0-5.0 05/19/2011 DX083 4 5	SL-079-SA5DN-SB-9.0-10.0 05/19/2011 DX083 9 10	SL-080-SA5DN-SS-0.0-0.5 05/17/2011 DX082 0 0.5	SL-080-SA5DN-SB-4.0-5.0 05/19/2011 DX083 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.15 U	0.0182 J Z	0.188 J Z	1.12 U	1.19 U	0.261 J Z	1.11 U
1,2,3,7,8,9-HxCDD	ng/kg	5.74 U B	5.54 U B	4.37 J Z	5.61 U B, Z	5.95 U B, Z	4.94 J Z	5.57 U B, Z
OCDD	ng/kg	9.18 J Z	75.5	2610	17.2	6.37 J Z	2560	6.59 J Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.74 U B	4.17 J Z	150	5.61 U B, Z	5.95 U B, Z	144	5.57 U B, Z
OCDF	ng/kg	11.5 U B	6.95 J Z	67.1	11.2 U B, Z	11.9 U B, Z	48.8	11.1 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	5.74 U	0.0378 J Z	1.77 J Z	5.61 U B, Z	5.95 U B, Z	2.02 J Z	5.57 U B, Z
1,2,3,7,8-PeCDD	ng/kg	5.74 U	5.54 U B	0.992 J Z	5.61 U B, Z	5.95 U B, Z	1.31 J Z	5.57 U B, Z
2,3,7,8-TCDF	ng/kg	1.15 U	1.11 U	0.325 J Z	1.12 U	1.19 U B, Z	0.188 J Z	1.11 U B, Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.74 U B	0.175 J Z	1.65 J Z	5.61 U B, Z	5.95 U B, Z	1.23 J Z	5.57 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.74 U B	5.54 U B	5.51 U B, Z	5.61 U B, Z	5.95 U B, Z	5.51 U B, Z	5.57 U B, Z
1,2,3,7,8-PeCDF	ng/kg	5.74 U B	5.54 U B	0.433 J Z	5.61 U B, Z	5.95 U B, Z	0.940 J Z	5.57 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.74 U B	5.54 U B	1.47 J Z	5.61 U B, Z	5.95 U B, Z	0.819 J Z	5.57 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	5.74 U	0.107 J Z	5.45 J Z	5.61 U B, Z	5.95 U B, Z	5.41 J Z	5.57 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	5.74 U B	5.54 U B	1.16 J Z	5.61 U B, Z	5.95 U B, Z	0.876 J Z	5.57 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.74 U B	1.15 J Z	24.8	5.61 U B, Z	5.95 U B, Z	18.5	5.57 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	5.74 U B	5.54 U B	1.83 J Z	5.61 U B, Z	5.95 U B, Z	1.40 J Z	5.57 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	5.74 U B	5.54 U B	1.55 J Z	5.61 U B, Z	5.95 U B, Z	1.46 J Z	5.57 U B, Z
Aroclor 1260	ug/kg	2.0 U	1.9 U	1.7 J Z	1.9 U	2.1 U	2.2	1.9 U
Aroclor 1254	ug/kg	2.0 U	1.9 U	1.9 U	0.84 J Z	2.1 U	1.9 U	1.9 U
Aroclor 1268	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	3.8 U	3.8 U	4.8	3.7 U	4.0 U	5.5	3.7 U
Aroclor 1232	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	3.8 U	3.8 U	3.6 U	3.7 U	4.0 U	3.7 U	3.7 U
Aroclor 1248	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	2.1 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	3.8 U	3.8 U	3.6 U	3.7 U	4.0 U	3.7 U	3.7 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-080-SA5DN-SB-8.0-9.0 05/19/2011 DX083 8 9	SL-081-SA5DN-SS-0.0-0.5 05/17/2011 DX082 0 0.5	SL-081-SA5DN-SB-4.0-5.0 05/23/2011 DX087 4 5	SL-081-SA5DN-SB-9.0-10.0 05/23/2011 DX087 9 10	SL-082-SA5DN-SS-0.0-0.5 05/17/2011 DX082 0 0.5	SL-082-SA5DN-SB-4.0-5.0 05/19/2011 DX083 4 5	SL-083-SA5DN-SS-0.0-0.5 05/17/2011 DX082 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.09 U	0.233 J Z	1.10 U	0.0346 J Z	0.143 J Z	1.08 U B, Z	0.360 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.44 U B, Z	2.53 J Z	5.51 U B, Z	5.44 U B, Z	4.20 J Z	5.38 U B, Z	7.47
OCDD	ng/kg	2.76 J Z	1310	5.37 J Z	8.17 J Z	1570	3.19 J Z	3670
1,2,3,4,6,7,8-HpCDD	ng/kg	5.44 U B, Z	77	5.51 U B, Z	5.44 U B, Z	113	5.38 U B, Z	196
OCDF	ng/kg	10.9 U B, Z	24.9	11.0 U B, Z	10.9 U B, Z	34.1	10.8 U B, Z	55.3
1,2,3,4,7,8-HxCDD	ng/kg	5.44 U B, Z	1.00 J Z	5.51 U B, Z	5.44 U B, Z	1.63 J Z	5.38 U B, Z	3.38 J Z
1,2,3,7,8-PeCDD	ng/kg	5.44 U B, Z	5.27 U B, Z	5.51 U B, Z	5.44 U B, Z	0.935 J Z	5.38 U	1.95 J Z
2,3,7,8-TCDF	ng/kg	1.09 U	1.05 U	1.10 U	1.09 U	0.306 J Z	1.08 U	0.261 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.44 U B, Z	0.761 J Z	5.51 U B, Z	5.44 U B, Z	5.51 U B, Z	5.38 U B, Z	1.03 J Z
2,3,4,7,8-PeCDF	ng/kg	5.44 U B, Z	5.27 U B, Z	5.51 U B, Z	5.44 U B, Z	5.51 U B, Z	5.38 U B, Z	0.560 J Z
1,2,3,7,8-PeCDF	ng/kg	5.44 U B, Z	5.27 U B, Z	5.51 U B, Z	5.44 U B, Z	5.51 U B, Z	5.38 U B, Z	0.359 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.44 U B, Z	0.610 J Z	5.51 U B, Z	5.44 U B, Z	0.565 J Z	5.38 U B, Z	0.660 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.44 U B, Z	3.03 J Z	5.51 U B, Z	5.44 U B, Z	4.18 J Z	5.38 U B, Z	7.77
2,3,4,6,7,8-HxCDF	ng/kg	5.44 U B, Z	0.663 J Z	5.51 U B, Z	5.44 U B, Z	0.556 J Z	5.38 U B, Z	0.781 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.44 U B, Z	10.8	5.51 U B, Z	5.44 U B, Z	11.5	5.38 U B, Z	17.2
1,2,3,4,7,8-HxCDF	ng/kg	5.44 U B, Z	0.900 J Z	5.51 U B, Z	5.44 U B, Z	1.07 J Z	5.38 U B, Z	1.10 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.44 U B, Z	1.04 J Z	5.51 U B, Z	5.44 U B, Z	1.16 J Z	5.38 U B, Z	1.07 J Z
Aroclor 1260	ug/kg	1.9 U	2.3	1.9 U	1.9 U	10	1.9 U	1.1 J Z
Aroclor 1254	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	0.42 J Z	1.9 U
Aroclor 1268	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	3.6 U	6.4	3.6 U	3.6 U	12	3.6 U	6.5
Aroclor 1232	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U
Aroclor 1248	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-083-SA5DN-SB-4.0-5.0 08/08/2011 DX126 4 5	SL-084-SA5DN-SS-0.0-0.5 05/17/2011 DX082 0 0.5	SL-084-SA5DN-SB-4.0-5.0 05/23/2011 DX087 4 5	SL-085-SA5DN-SB-2.5-3.5 06/27/2011 DX106 2.5 3.5	SL-086-SA5DN-SS-0.0-0.5 05/18/2011 DX084 0 0.5	SL-086-SA5DN-SB-4.0-5.0 05/20/2011 DX086 4 5	SL-087-SA5DN-SS-0.0-0.5 05/18/2011 DX084 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.11 U	0.383 J Z	0.0287 J Z	1.14 U	0.364 J Z	1.12 U	0.486 J Z
1,2,3,7,8,9-HxCDD	ng/kg	0.231 J Z	6.17	5.48 U B, Z	5.71 U B	8.88	5.59 U B, Z	11.1
OCDD	ng/kg	53.3	2710	15.6	10.7 J Z	3310	12.7	5400 J *#
1,2,3,4,6,7,8-HpCDD	ng/kg	2.91 J Z	157	5.48 U B, Z	5.71 U B	188	5.59 U B, Z	296
OCDF	ng/kg	0.751 J Z	43.6	11.0 U B, Z	11.4 U B	32.6	11.2 U B, Z	71.3
1,2,3,4,7,8-HxCDD	ng/kg	0.0584 J Z	2.68 J Z	5.48 U B, Z	0.0217 J Z	4.10 J Z	5.59 U B, Z	5.09 J Z
1,2,3,7,8-PeCDD	ng/kg	5.56 U	1.72 J Z	5.48 U B, Z	5.71 U B	2.31 J Z	5.59 U B, Z	3.56 J Z
2,3,7,8-TCDF	ng/kg	1.11 U	0.285 J Z	1.10 U	0.0128 J Z	1.15 U B, Z	0.0214 J Z	0.404 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	0.0449 J Z	0.909 J Z	5.48 U B, Z	5.71 U B	0.639 J Z	5.59 U B, Z	1.28 J Z
2,3,4,7,8-PeCDF	ng/kg	5.56 U B	0.896 J Z	5.48 U B, Z	5.71 U B	0.359 J Z	5.59 U B, Z	0.967 J Z
1,2,3,7,8-PeCDF	ng/kg	5.56 U B	0.520 J Z	5.48 U B, Z	5.71 U B	0.338 J Z	5.59 U B, Z	0.421 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.56 U	0.892 J Z	5.48 U B, Z	5.71 U B	0.465 J Z	5.59 U B, Z	0.855 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.56 U B	6.55	5.48 U B, Z	5.71 U B	7.8	5.59 U B, Z	11.9
2,3,4,6,7,8-HxCDF	ng/kg	5.56 U B	0.761 J Z	5.48 U B, Z	5.71 U B	0.504 J Z	5.59 U B, Z	0.966 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.56 U B	13.6	5.48 U B, Z	5.71 U B	10.2	5.59 U B, Z	21.3
1,2,3,4,7,8-HxCDF	ng/kg	5.56 U B	1.29 J Z	5.48 U B, Z	5.71 U B	0.773 J Z	5.59 U B, Z	1.51 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.56 U B	1.00 J Z	5.48 U B, Z	5.71 U B	0.982 J Z	5.59 U B, Z	1.32 J Z
Aroclor 1260	ug/kg	1.9 U	2.3	1.9 U	2.0 U	2.0 U	1.9 U	1.9
Aroclor 1254	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U
Aroclor 1268	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	3.8 U	7	3.6 U	3.8 U	2.4 J Z	3.8 UJ C	3.8
Aroclor 1232	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	3.8 U	3.7 U	3.6 U	3.8 U	3.8 U	3.8 UJ C	3.7 U
Aroclor 1248	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	3.8 U	3.7 U	3.6 U	3.8 U	3.8 U	3.8 U	3.7 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-088-SA5DN-SS-0.0-0.5 05/18/2011 DX084 0 0.5	SL-088-SA5DN-SB-4.0-5.0 05/20/2011 DX086 4 5	SL-089-SA5DN-SS-0.0-0.5 05/18/2011 DX084 0 0.5	SL-089-SA5DN-SB-4.0-5.0 05/23/2011 DX087 4 5	SL-090-SA5DN-SS-0.0-0.5 05/18/2011 DX084 0 0.5	SL-091-SA5DN-SS-0.0-0.5 05/27/2011 DX094 0 0.5	SL-091-SA5DN-SB-4.0-5.0 06/24/2011 DX105 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.131 J Z	1.18 U B, Z	1.08 J Z	1.10 U	0.626 J Z	1.08 U B	0.0937 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.22 J Z	5.90 U B, Z	36.3 J Q, E	5.48 U B, Z	80.4	2.52 J Z	5.95 U B
OCDD	ng/kg	1730	11.8 U B, Z	16400 J *#	13.5	124000 J *#	1530	111
1,2,3,4,6,7,8-HpCDD	ng/kg	91.2	5.90 U B, Z	864 J Q, E	5.48 U B, Z	10500 J *#	99	12.7
OCDF	ng/kg	15.5	11.8 U B, Z	167 J Q, E	11.0 U B, Z	2350	32.4	4.90 J Z
1,2,3,4,7,8-HxCDD	ng/kg	1.85 J Z	5.90 U B, Z	16.9	5.48 U B, Z	33.7	0.985 J Z	5.95 U B
1,2,3,7,8-PeCDD	ng/kg	1.29 J Z	5.90 U B, Z	9.62	5.48 U B, Z	8.87	0.951 J Z	0.487 J Z
2,3,7,8-TCDF	ng/kg	1.11 U B, Z	1.18 U	1.16 U B, Z	1.10 U	0.384 J Z	0.302 J Z	0.587 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.56 U B, Z	5.90 U B, Z	2.17 J Z	5.48 U B, Z	48.1	0.655 J Z	3.05 J Z
2,3,4,7,8-PeCDF	ng/kg	5.56 U B, Z	5.90 U B, Z	0.623 J Z	5.48 U B, Z	2.17 J Z	0.714 J Z	75.7
1,2,3,7,8-PeCDF	ng/kg	0.369 J Z	5.90 U B, Z	0.521 J Z	5.48 U B, Z	0.938 J Z	0.747 J Z	108
1,2,3,6,7,8-HxCDF	ng/kg	5.56 U B, Z	5.90 U B, Z	1.72 J Z	5.48 U B, Z	13.3	0.447 J Z	7.52
1,2,3,6,7,8-HxCDD	ng/kg	4.27 J Z	5.90 U B, Z	33.8 J Q, E	5.48 U B, Z	222	3.37 J Z	0.583 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.56 U B, Z	5.90 U B, Z	2.05 J Z	5.48 U B, Z	17.9	0.657 J Z	3.75 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	4.83 J Z	5.90 U B, Z	52.7 J Q, E	5.48 U B, Z	642	8.66	4.21 J Z
1,2,3,4,7,8-HxCDF	ng/kg	0.297 J Z	5.90 U B, Z	2.47 J Z	5.48 U B, Z	10.6	0.773 J Z	24
1,2,3,7,8,9-HxCDF	ng/kg	1.58 J Z	5.90 U B, Z	1.38 J Z	5.48 U B, Z	3.68 J Z	1.00 J Z	4.51 J Z
Aroclor 1260	ug/kg	1.9 U	2.0 U	2.0 UJ FD	1.9 U	2.1 U	3.6	100 U
Aroclor 1254	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	8.6 J S	1.9 U	660
Aroclor 1268	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.1 U	1.9 U	100 U
Aroclor 1221	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.1 U	1.9 U	100 U
Aroclor 5460	ug/kg	3.7 U	3.9 UJ C	3.4 J FD, Z	3.6 U	4.1 U	6.4	200 U
Aroclor 1232	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.1 U	1.9 U	100 U
Aroclor 5442	ug/kg	3.7 U	3.9 UJ C	3.8 U	3.6 U	4.1 U	3.6 U	200 U
Aroclor 1248	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.1 U	1.9 U	100 U
Aroclor 1016	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.1 U	1.9 U	100 U
Aroclor 1262	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.1 U	1.9 U	100 U
Aroclor 1242	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.1 U	1.9 U	100 U
Aroclor 5432	ug/kg	3.7 U	3.9 U	3.8 U	3.6 U	4.1 U	3.6 U	200 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-092-SA5DN-SS-0.0-0.5 05/27/2011 DX094 0 0.5	SL-092-SA5DN-SB-4.0-5.0 06/24/2011 DX105 4 5	SL-092-SA5DN-SB-7.0-8.0 06/24/2011 DX105 7 8	SL-093-SA5DN-SS-0.0-0.5 05/27/2011 DX094 0 0.5	SL-093-SA5DN-SB-4.0-5.0 06/20/2011 DX103 4 5	SL-093-SA5DN-SB-9.0-10.0 06/20/2011 DX103 9 10	SL-094-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.07 U B	0.0268 J Z	0.0734 J Z	1.09 U B	0.0488 J Z	1.10 U	1.08 U B
1,2,3,7,8,9-HxCDD	ng/kg	1.64 J Z	5.54 U B	5.81 U B	1.78 J Z	5.88 U B	5.52 U B	1.60 J Z
OCDD	ng/kg	724	11.1 UJ B, FD	14.8	1050	11.8 U B	11.0 U B	882
1,2,3,4,6,7,8-HpCDD	ng/kg	45.8	5.54 U B	5.81 U B	54.2	5.88 U B	5.52 U B	54.7
OCDF	ng/kg	15.6	11.1 U B	11.6 U B	16.8	11.8 U B	11.0 U B	18.8
1,2,3,4,7,8-HxCDD	ng/kg	0.503 J Z	5.54 U B	5.81 U B	0.583 J Z	0.141 J Z	5.52 U	0.469 J Z
1,2,3,7,8-PeCDD	ng/kg	0.315 J Z	5.54 UJ B, FD	0.257 J Z	0.400 J Z	5.88 U B	5.52 U	0.411 J Z
2,3,7,8-TCDF	ng/kg	1.07 U	1.11 U	0.0373 J Z	0.310 J Z	1.18 U	1.10 U	1.08 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.36 U B	5.54 U B	5.81 U B	5.43 U B	5.88 U B	5.52 U B	5.42 U B
2,3,4,7,8-PeCDF	ng/kg	0.790 J Z	5.54 UJ B, FD	5.81 U B	0.936 J Z	5.88 U B	5.52 U B	0.891 J Z
1,2,3,7,8-PeCDF	ng/kg	0.679 J Z	5.54 UJ B, FD	5.81 U B	0.606 J Z	0.173 J Z	5.52 U B	0.830 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.358 J Z	5.54 UJ B, FD	5.81 U B	0.340 J Z	5.88 U B	5.52 U B	0.422 J Z
1,2,3,6,7,8-HxCDD	ng/kg	1.95 J Z	5.54 U B	5.81 U B	2.23 J Z	5.88 U B	5.52 U B	2.25 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.492 J Z	5.54 UJ B, FD	5.81 U B	0.537 J Z	5.88 U B	5.52 U B	0.601 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	4.39 J Z	5.54 U B	5.81 U B	4.53 J Z	5.88 U B	5.52 U B	4.64 J Z
1,2,3,4,7,8-HxCDF	ng/kg	0.746 J Z	5.54 UJ B, FD	5.81 U B	0.582 J Z	5.88 U B	5.52 U B	0.661 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.958 J Z	5.54 U B	5.81 U B	1.13 J Z	0.269 J Z	0.132 J Z	1.01 J Z
Aroclor 1260	ug/kg	2.8	2.0 U	2.0 U	27	0.55 J Z	1.9 U	4.4
Aroclor 1254	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 1268	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	3.7 U	3.8 U	3.9 U	1.9 J Z	3.9 U	3.7 U	4.7
Aroclor 1232	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	3.7 U	3.8 U	3.9 U	3.6 U	3.9 U	3.7 U	3.6 U
Aroclor 1248	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	2.0 U	2.0 U	1.9 U	2.0 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	3.7 U	3.8 U	3.9 U	3.6 U	3.9 U	3.7 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-094-SA5DN-SB-4.0-5.0 06/22/2011 DX104 4 5	SL-094-SA5DN-SB-9.0-10.0 06/22/2011 DX104 9 10	SL-095-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5	SL-095-SA5DN-SB-4.0-5.0 06/22/2011 DX104 4 5	SL-095-SA5DN-SB-9.0-10.0 06/22/2011 DX104 9 10	SL-097-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5	SL-097-SA5DN-SB-4.0-5.0 06/21/2011 DX104 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.16 U B	1.15 U B	1.06 U B	1.12 U B	1.09 U B	1.12 U B	1.17 U
1,2,3,7,8,9-HxCDD	ng/kg	5.79 U B	5.75 U B	1.64 J Z	5.58 U B	5.45 U B	2.20 J Z	5.86 U B
OCDD	ng/kg	11.6 U B	11.5 U B	831	11.5	7.45 J Z	1760	9.03 J Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.79 U B	5.75 U B	57.5	5.58 U B	5.45 U B	117	5.86 U B
OCDF	ng/kg	11.6 U B	11.5 U B	31	11.2 U B	10.9 U B	35	11.7 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.79 U B	5.75 U B	0.556 J Z	5.58 U B	5.45 U B	0.782 J Z	5.86 U B
1,2,3,7,8-PeCDD	ng/kg	5.79 U B	5.75 U B	0.417 J Z	5.58 U B	5.45 U B	0.398 J Z	5.86 U B
2,3,7,8-TCDF	ng/kg	1.16 U B	1.15 U B	1.06 U	1.12 U B	1.09 U B	0.339 J Z	1.17 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.79 U B	5.75 U B	0.635 J Z	5.58 U B	5.45 U B	0.753 J Z	5.86 U B
2,3,4,7,8-PeCDF	ng/kg	5.79 U B	5.75 U B	0.860 J Z	5.58 U B	5.45 U B	0.882 J Z	5.86 U B
1,2,3,7,8-PeCDF	ng/kg	5.79 U B	5.75 U B	0.499 J Z	5.58 U B	5.45 U B	0.862 J Z	5.86 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.79 U B	5.75 U B	0.463 J Z	5.58 U B	5.45 U B	0.538 J Z	5.86 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.79 U B	5.75 U B	2.15 J Z	5.58 U B	5.45 U B	3.77 J Z	5.86 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.79 U B	5.75 U B	0.551 J Z	5.58 U B	5.45 U B	0.597 J Z	5.86 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.79 U B	5.75 U B	6.99	5.58 U B	5.45 U B	9.26	5.86 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.79 U B	5.75 U B	0.599 J Z	5.58 U B	5.45 U B	1.05 J Z	5.86 U B
1,2,3,7,8,9-HxCDF	ng/kg	0.117 J Z	0.111 J Z	0.768 J Z	0.363 J Z	0.0983 J Z	1.12 J Z	0.0635 J Z
Aroclor 1260	ug/kg	2.0 U	2.0 U	10	1.9 U	1.9 U	37	2.0 U
Aroclor 1254	ug/kg	2.0 U	2.0 U	9.1 U	1.9 U	1.9 U	9.6 U	2.0 U
Aroclor 1268	ug/kg	2.0 U	2.0 U	9.1 U	1.9 U	1.9 U	9.6 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	2.0 U	9.1 U	1.9 U	1.9 U	9.6 U	2.0 U
Aroclor 5460	ug/kg	3.8 U	3.8 U	12 J Z	3.7 U	3.7 U	19 U	3.9 U
Aroclor 1232	ug/kg	2.0 U	2.0 U	9.1 U	1.9 U	1.9 U	9.6 U	2.0 U
Aroclor 5442	ug/kg	3.8 U	3.8 U	18 U	3.7 U	3.7 U	19 U	3.9 U
Aroclor 1248	ug/kg	2.0 U	2.0 U	9.1 U	1.9 U	1.9 U	9.6 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	2.0 U	9.1 U	1.9 U	1.9 U	9.6 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	2.0 U	9.1 U	1.9 U	1.9 U	9.6 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	2.0 U	9.1 U	1.9 U	1.9 U	9.6 U	2.0 U
Aroclor 5432	ug/kg	3.8 U	3.8 U	18 U	3.7 U	3.7 U	19 U	3.9 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-097-SA5DN-SB-8.5-9.5 06/21/2011 DX104 8.5 9.5	SL-098-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5	SL-098-SA5DN-SB-4.0-5.0 06/21/2011 DX104 4 5	SL-098-SA5DN-SB-7.0-8.0 06/21/2011 DX104 7 8	SL-099-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5	SL-099-SA5DN-SB-4.0-5.0 06/21/2011 DX104 4 5	SL-100-SA5DN-SS-0.0-0.5 06/01/2011 DX096 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.12 U B	0.266 J Z	1.17 U B	1.14 U B	0.256 J Z	1.12 U B	0.0569 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.61 U B	9.29	0.680 J Z	5.70 U B	7.11	5.61 U B	1.85 J Z
OCDD	ng/kg	11.2 U B	12600 J *#	349	21	8970 J *#	50.8	1340
1,2,3,4,6,7,8-HpCDD	ng/kg	5.61 U B	824	23.6	5.70 U B	488	3.32 J Z	82.6
OCDF	ng/kg	11.2 U B	588	11.1 J Z	11.4 U B	168	1.42 J Z	28
1,2,3,4,7,8-HxCDD	ng/kg	5.61 U B	4.03 J Z	5.84 U B	5.70 U B	3.05 J Z	5.61 U B	0.595 J Z
1,2,3,7,8-PeCDD	ng/kg	5.61 U	2.45 J Z	5.84 U B	5.70 U B	2.04 J Z	0.253 J Z	0.364 J Z
2,3,7,8-TCDF	ng/kg	1.12 U B	0.527 J Z	0.303 J Z	1.14 U B	0.580 J Z	1.12 U	0.241 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.61 U B	5.40 J Z	5.84 U B	5.70 U B	2.26 J Z	5.61 U B	0.547 J Z
2,3,4,7,8-PeCDF	ng/kg	5.61 U B	2.09 J Z	0.628 J Z	5.70 U B	1.42 J Z	5.61 U B	0.512 J Z
1,2,3,7,8-PeCDF	ng/kg	5.61 U	1.48 J Z	0.374 J Z	5.70 U B	1.59 J Z	0.266 J Z	0.405 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.61 U B	2.00 J Z	5.84 U B	5.70 U B	1.37 J Z	5.61 U B	0.337 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.61 U B	24.8	0.921 J Z	5.70 U B	15.5	5.61 U B	2.96 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.61 U B	2.59 J Z	5.84 U B	5.70 U B	1.49 J Z	5.61 U B	0.492 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.61 U B	101	3.13 J Z	5.70 U B	36.3	5.61 U B	7.38
1,2,3,4,7,8-HxCDF	ng/kg	5.61 U B	3.71 J Z	0.574 J Z	5.70 U B	2.55 J Z	5.61 U B	0.577 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.61 U	1.75 J Z	0.283 J Z	0.189 J Z	1.31 J Z	0.250 J Z	0.966 J Z
Aroclor 1260	ug/kg	1.9 U	11	3.4	2.0 U	1.5 J Z	1.9 U	4
Aroclor 1254	ug/kg	1.9 U	9.6 U	2.0 U	0.57 J Z	1.8 U	1.9 U	1.8 U
Aroclor 1268	ug/kg	1.9 U	9.6 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 1221	ug/kg	1.9 U	9.6 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 5460	ug/kg	3.7 U	28	4.1 J L	3.8 U	3.5 U	3.7 U	3.9
Aroclor 1232	ug/kg	1.9 U	9.6 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 5442	ug/kg	3.7 U	19 U	3.9 U	3.8 U	3.5 U	3.7 U	3.5 U
Aroclor 1248	ug/kg	1.9 U	9.6 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 1016	ug/kg	1.9 U	9.6 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 1262	ug/kg	1.9 U	9.6 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 1242	ug/kg	1.9 U	9.6 U	2.0 U	2.0 U	1.8 U	1.9 U	1.8 U
Aroclor 5432	ug/kg	3.7 U	19 U	3.9 U	3.8 U	3.5 U	3.7 U	3.5 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-100-SA5DN-SB-3.0-4.0 06/23/2011 DX105 3 4	SL-101-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5	SL-101-SA5DN-SB-2.5-3.5 06/23/2011 DX105 2.5 3.5	SL-102-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5	SL-102-SA5DN-SB-4.0-5.0 06/23/2011 DX105 4 5	SL-103-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5	SL-103-SA5DN-SB-4.0-5.0 06/24/2011 DX105 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.13 U	0.208 J Z	1.04 U	0.209 J Z	1.05 U	1.06 U B	0.0481 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.63 U B	2.37 J Z	5.18 U B	7.6	5.23 U B	4.89 J Z	1.04 J Z
OCDD	ng/kg	76.5	920	10.4 U B	8510 J *#	264	6190 J *#	1440
1,2,3,4,6,7,8-HpCDD	ng/kg	4.87 J Z	55.6	5.18 U B	509	13	412	61.7
OCDF	ng/kg	11.3 U B	17.1	10.4 U B	191	5.67 J Z	132	19.9
1,2,3,4,7,8-HxCDD	ng/kg	5.63 U B	1.01 J Z	5.18 U	3.21 J Z	5.23 U B	2.03 J Z	0.386 J Z
1,2,3,7,8-PeCDD	ng/kg	5.63 U B	1.03 J Z	5.18 U	2.04 J Z	5.23 U B	1.43 J Z	0.222 J Z
2,3,7,8-TCDF	ng/kg	1.13 U	0.815 J Z	1.04 U	0.373 J Z	1.05 U	0.464 J Z	0.111 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.63 U B	0.642 J Z	5.18 U B	2.41 J Z	5.23 U B	2.21 J Z	5.32 U B
2,3,4,7,8-PeCDF	ng/kg	5.63 U B	1.53 J Z	5.18 U B	0.991 J Z	5.23 U B	1.04 J Z	5.32 U B
1,2,3,7,8-PeCDF	ng/kg	5.63 U B	1.56 J Z	5.18 U B	0.523 J Z	5.23 U B	0.480 J Z	0.426 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.63 U B	1.18 J Z	5.18 U B	1.22 J Z	5.23 U B	1.24 J Z	5.32 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.63 U B	2.96 J Z	5.18 U B	15.4	0.446 J Z	12.7	2.00 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.63 U B	0.941 J Z	5.18 U B	1.37 J Z	5.23 U B	1.37 J Z	5.32 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.63 U B	5.98	5.18 U B	38.3	1.70 J Z	28.8	6.36
1,2,3,4,7,8-HxCDF	ng/kg	5.63 U B	1.30 J Z	5.18 U B	2.43 J Z	5.23 U B	2.32 J Z	0.456 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.63 U B	1.06 J Z	5.18 U B	1.09 J Z	5.23 U B	1.24 J Z	5.32 U B
Aroclor 1260	ug/kg	1.9 U	4.8 J Z	1.8 U	4.8 J Z	1.8 U	5.2 J Z	1.9 U
Aroclor 1254	ug/kg	1.9 U	9.1 U	1.8 U	9.3 U	1.8 U	19 U	1.9 U
Aroclor 1268	ug/kg	1.9 U	9.1 U	1.8 U	9.3 U	1.8 U	19 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	9.1 U	1.8 U	9.3 U	1.8 U	19 U	1.9 U
Aroclor 5460	ug/kg	3.7 U	18 U	3.4 U	18 U	3.5 U	36 U	3.6 U
Aroclor 1232	ug/kg	1.9 U	9.1 U	1.8 U	9.3 U	1.8 U	19 U	1.9 U
Aroclor 5442	ug/kg	3.7 U	18 U	3.4 U	18 U	3.5 U	36 U	3.6 U
Aroclor 1248	ug/kg	1.9 U	9.1 U	1.8 U	9.3 U	1.8 U	19 U	1.9 U
Aroclor 1016	ug/kg	1.9 U	9.1 U	1.8 U	9.3 U	1.8 U	19 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	9.1 U	1.8 U	9.3 U	1.8 U	19 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	9.1 U	1.8 U	9.3 U	1.8 U	19 U	1.9 U
Aroclor 5432	ug/kg	3.7 U	18 U	3.4 U	18 U	3.5 U	36 U	3.6 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-103-SA5DN-SB-7.0-8.0 06/24/2011 DX105 7 8	SL-104-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5	SL-104-SA5DN-SB-4.0-5.0 06/23/2011 DX105 4 5	SL-105-SA5DN-SS-0.0-0.5 06/01/2011 DX096 0 0.5	SL-105-SA5DN-SB-4.0-5.0 06/23/2011 DX105 4 5	SL-106-SA5DN-SS-0.0-0.5 06/01/2011 DX096 0 0.5	SL-106-SA5DN-SB-4.0-5.0 06/23/2011 DX105 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0486 J Z	1.06 U B	0.0663 J Z	1.06 U B	0.112 J Z	0.134 J Z	0.0517 J Z
1,2,3,7,8,9-HxCDD	ng/kg	1.36 J Z	2.46 J Z	5.49 U B	3.34 J Z	1.60 J Z	1.91 J Z	0.624 J Z
OCDD	ng/kg	3210	2460	11.0 U B	3740	1640	1520	24.3
1,2,3,4,6,7,8-HpCDD	ng/kg	143	145	5.49 U B	214	82.5	85.4	5.53 U B
OCDF	ng/kg	48.6	46.4	11.0 U B	75.7	26.3	29.5	11.1 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.78 U B	0.725 J Z	5.49 U B	1.46 J Z	0.567 J Z	0.828 J Z	5.53 U B
1,2,3,7,8-PeCDD	ng/kg	5.78 U B	0.429 J Z	0.200 J Z	0.781 J Z	0.551 J Z	0.521 J Z	0.165 J Z
2,3,7,8-TCDF	ng/kg	0.0369 J Z	0.414 J Z	0.0572 J Z	1.06 U	0.254 J Z	0.250 J Z	0.0466 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	0.692 J Z	1.04 J Z	5.49 U B	1.75 J Z	5.33 U B	0.845 J Z	5.53 U B
2,3,4,7,8-PeCDF	ng/kg	5.78 U B	0.712 J Z	5.49 U B	1.01 J Z	5.33 U B	0.698 J Z	5.53 U B
1,2,3,7,8-PeCDF	ng/kg	5.78 U B	0.690 J Z	0.259 J Z	1.06 J Z	0.560 J Z	0.995 J Z	5.53 U B
1,2,3,6,7,8-HxCDF	ng/kg	0.441 J Z	0.570 J Z	5.49 U B	0.845 J Z	0.461 J Z	0.587 J Z	5.53 U B
1,2,3,6,7,8-HxCDD	ng/kg	4.24 J Z	4.88 J Z	5.49 U B	6.6	2.71 J Z	2.84 J Z	0.435 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.962 J Z	0.702 J Z	5.49 U B	1.21 J Z	5.33 U B	0.677 J Z	5.53 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	16.2	12	5.49 U B	20.7	6.53	8.38	5.53 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.865 J Z	0.867 J Z	5.49 U B	1.92 J Z	0.664 J Z	0.884 J Z	5.53 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.78 U B	0.839 J Z	5.49 U B	0.983 J Z	0.862 J Z	1.06 J Z	0.676 J Z
Aroclor 1260	ug/kg	2.0 U	7.1 J Z	1.9 U	18 U	1.9 U	9.1 U	1.9 U
Aroclor 1254	ug/kg	2.0 U	18 U	1.9 U	18 U	1.9 U	9.1 U	1.9 U
Aroclor 1268	ug/kg	2.0 U	18 U	1.9 U	18 U	1.9 U	9.1 U	1.9 U
Aroclor 1221	ug/kg	2.0 U	18 U	1.9 U	18 U	1.9 U	9.1 U	1.9 U
Aroclor 5460	ug/kg	3.9 U	35 U	3.7 U	35 U	3.6 U	18 U	3.7 U
Aroclor 1232	ug/kg	2.0 U	18 U	1.9 U	18 U	1.9 U	9.1 U	1.9 U
Aroclor 5442	ug/kg	3.9 U	35 U	3.7 U	35 U	3.6 U	18 U	3.7 U
Aroclor 1248	ug/kg	2.0 U	18 U	1.9 U	18 U	1.9 U	9.1 U	1.9 U
Aroclor 1016	ug/kg	2.0 U	18 U	1.9 U	18 U	1.9 U	9.1 U	1.9 U
Aroclor 1262	ug/kg	2.0 U	18 U	1.9 U	18 U	1.9 U	9.1 U	1.9 U
Aroclor 1242	ug/kg	2.0 U	18 U	1.9 U	18 U	1.9 U	9.1 U	1.9 U
Aroclor 5432	ug/kg	3.9 U	35 U	3.7 U	35 U	3.6 U	18 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-106-SA5DN-SB-9.0-10.0 06/23/2011 DX105 9 10	SL-107-SA5DN-SS-0.0-0.5 06/01/2011 DX096 0 0.5	SL-107-SA5DN-SB-3.5-4.5 06/23/2011 DX105 3.5 4.5	SL-108-SA5DN-SS-0.0-0.5 06/01/2011 DX096 0 0.5	SL-109-SA5DN-SS-0.0-0.5 06/01/2011 DX096 0 0.5	SL-109-SA5DN-SB-3.5-4.5 06/23/2011 DX105 3.5 4.5	SL-110-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0339 J Z	1.03 U B	0.0461 J Z	1.05 UJ B, FD	1.07 U B	1.02 U	1.09 U B
1,2,3,7,8,9-HxCDD	ng/kg	5.49 U B	1.79 J Z	5.43 U B	2.11 J Z	2.25 J Z	5.10 U B	2.14 J Z
OCDD	ng/kg	11.0 U B	1110	5.43 J Z	1790	2130	6.83 J Z	1610
1,2,3,4,6,7,8-HpCDD	ng/kg	5.49 U B	65.2	5.43 U B	108	119	5.10 U B	91
OCDF	ng/kg	11.0 U B	30.4	10.9 U B	35	37.2	10.2 U B	36.6
1,2,3,4,7,8-HxCDD	ng/kg	5.49 U B	0.902 J Z	5.43 U B	0.761 J Z	0.897 J Z	5.10 U B	0.702 J Z
1,2,3,7,8-PeCDD	ng/kg	5.49 U B	0.612 J Z	5.43 U B	0.390 J Z	0.463 J Z	5.10 U	0.560 J Z
2,3,7,8-TCDF	ng/kg	0.0438 J Z	0.237 J Z	1.09 U	0.360 J Z	0.364 J Z	0.0332 J Z	0.264 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.49 U B	0.836 J Z	5.43 U B	0.827 J FD, Z	1.85 J Z	5.10 U B	5.44 U B
2,3,4,7,8-PeCDF	ng/kg	5.49 U B	0.767 J Z	5.43 U B	0.722 J Z	0.905 J Z	5.10 U B	0.812 J Z
1,2,3,7,8-PeCDF	ng/kg	5.49 U B	0.802 J Z	5.43 U B	1.05 J Z	1.03 J Z	5.10 U B	0.355 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.49 U B	0.649 J Z	5.43 U B	0.475 J Z	0.676 J Z	5.10 U B	0.426 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.49 U B	2.52 J Z	5.43 U B	3.62 J Z	3.99 J Z	5.10 U B	3.22 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.49 U B	0.704 J Z	5.43 U B	0.586 J Z	0.943 J Z	5.10 U B	0.606 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.49 U B	8.32	5.43 U B	9.73	10.6	5.10 U B	7.4
1,2,3,4,7,8-HxCDF	ng/kg	5.49 U B	0.807 J Z	5.43 U B	0.802 J Z	1.28 J Z	5.10 U B	0.643 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.49 U B	0.854 J Z	5.43 U B	0.646 J Z	1.27 J Z	5.10 U B	1.14 J Z
Aroclor 1260	ug/kg	1.9 U	18 U	1.9 U	4.7 J Z	4.0 J Z	1.8 U	8.2 J Z
Aroclor 1254	ug/kg	1.9 U	18 U	1.9 U	9.0 U	9.2 U	1.8 U	9.3 U
Aroclor 1268	ug/kg	1.9 U	18 U	1.9 U	9.0 U	9.2 U	1.8 U	9.3 U
Aroclor 1221	ug/kg	1.9 U	18 U	1.9 U	9.0 U	9.2 U	1.8 U	9.3 U
Aroclor 5460	ug/kg	3.7 U	34 U	3.6 U	6.3 J FD, Z	18 U	3.5 U	6.6 J Z
Aroclor 1232	ug/kg	1.9 U	18 U	1.9 U	9.0 U	9.2 U	1.8 U	9.3 U
Aroclor 5442	ug/kg	3.7 U	34 U	3.6 U	17 U	18 U	3.5 U	18 U
Aroclor 1248	ug/kg	1.9 U	18 U	1.9 U	9.0 U	9.2 U	1.8 U	9.3 U
Aroclor 1016	ug/kg	1.9 U	18 U	1.9 U	9.0 U	9.2 U	1.8 U	9.3 U
Aroclor 1262	ug/kg	1.9 U	18 U	1.9 U	9.0 U	9.2 U	1.8 U	9.3 U
Aroclor 1242	ug/kg	1.9 U	18 U	1.9 U	9.0 U	9.2 U	1.8 U	9.3 U
Aroclor 5432	ug/kg	3.7 U	34 U	3.6 U	17 U	18 U	3.5 U	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-110-SA5DN-SB-4.0-5.0 06/23/2011 DX105 4 5	SL-111-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5	SL-111-SA5DN-SB-4.0-5.0 06/22/2011 DX104 4 5	SL-112-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5	SL-112-SA5DN-SB-4.0-5.0 06/22/2011 DX104 4 5	SL-113-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5	SL-113-SA5DN-SB-4.0-5.0 06/21/2011 DX104 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.08 U	1.11 U B	1.14 U B	1.08 U B	1.16 U	0.213 J Z	1.18 U B
1,2,3,7,8,9-HxCDD	ng/kg	5.42 U B	2.86 J Z	5.68 U B	2.30 J Z	5.80 UJ B, FD	7	5.88 U B
OCDD	ng/kg	43.5	3790	8.66 J Z	1950	5.04 J Z	9240 J *#	11.8 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	3.41 J Z	204	5.68 U B	126	5.80 U B	589	5.88 U B
OCDF	ng/kg	10.8 U B	73.5	11.4 U B	42.4	11.6 U B	220	11.8 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.42 U B	0.929 J Z	5.68 U	0.867 J Z	5.80 UJ B, FD	2.92 J Z	5.88 U B
1,2,3,7,8-PeCDD	ng/kg	5.42 U B	0.443 J Z	5.68 U	0.523 J Z	5.80 UJ B, FD	1.37 J Z	5.88 U B
2,3,7,8-TCDF	ng/kg	1.08 U	0.213 J Z	1.14 U	0.300 J Z	1.16 U	0.558 J Z	1.18 U B
1,2,3,4,7,8,9-HpCDF	ng/kg	5.42 U B	1.02 J Z	5.68 U B	0.776 J Z	5.80 U B	3.41 J Z	5.88 U B
2,3,4,7,8-PeCDF	ng/kg	5.42 U B	0.523 J Z	5.68 U B	0.788 J Z	5.80 U B	2.30 J Z	5.88 U B
1,2,3,7,8-PeCDF	ng/kg	5.42 U B	0.337 J Z	5.68 U B	0.697 J Z	5.80 UJ B, FD	1.55 J Z	5.88 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.42 U B	0.575 J Z	5.68 U B	0.595 J Z	5.80 U B	1.98 J Z	5.88 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.42 U B	6.32	5.68 U B	4.29 J Z	5.80 UJ B, FD	16.7	5.88 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.42 U B	0.658 J Z	5.68 U B	0.680 J Z	5.80 U B	2.18 J Z	5.88 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.42 U B	15.7	5.68 U B	10.2	5.80 U B	51.4	5.88 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.42 U B	1.06 J Z	5.68 U B	0.853 J Z	5.80 U B	4.78 J Z	5.88 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.42 U B	1.25 J Z	0.105 J Z	0.922 J Z	0.209 J Z	2.08 J Z	0.122 J Z
Aroclor 1260	ug/kg	1.9 U	1.9 U	1.9 U	5.6	2.0 U	19	2.0 U
Aroclor 1254	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	9.3 U	2.0 U
Aroclor 1268	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	9.3 U	2.0 U
Aroclor 1221	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	9.3 U	2.0 U
Aroclor 5460	ug/kg	3.6 U	3.7 U	3.8 U	4.3	3.9 UJ FD	22	3.9 U
Aroclor 1232	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	9.3 U	2.0 U
Aroclor 5442	ug/kg	3.6 U	3.7 U	3.8 U	3.6 U	3.9 U	18 U	3.9 U
Aroclor 1248	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	9.3 U	2.0 U
Aroclor 1016	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	9.3 U	2.0 U
Aroclor 1262	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	9.3 U	2.0 U
Aroclor 1242	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	9.3 U	2.0 U
Aroclor 5432	ug/kg	3.6 U	3.7 U	3.8 U	3.6 U	3.9 U	18 U	3.9 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-114-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5	SL-114-SA5DN-SB-4.0-5.0 06/22/2011 DX104 4 5	SL-115-SA5DN-SB-4.0-5.0 06/22/2011 DX105 4 5	SL-116-SA5DN-SB-2.0-3.0 06/28/2011 DX106 2 3	SL-117-SA5DN-SS-0.0-0.5 05/27/2011 DX094 0 0.5	SL-117-SA5DN-SB-4.0-5.0 06/20/2011 DX103 4 5	SL-118-SA5DN-SS-0.0-0.5 05/27/2011 DX094 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.04 U B	1.09 U B	0.0520 J Z	0.0496 J FD, Z	1.10 UJ FD	1.09 U	1.05 U B
1,2,3,7,8,9-HxCDD	ng/kg	1.26 J Z	5.43 U B	5.62 U B	5.34 U B	0.693 J FD, Z	5.47 U B	1.43 J Z
OCDD	ng/kg	455	10.9 U B	11.2 U B	10.7 U B	180 J FD, Q, E	7.88 J Z	960
1,2,3,4,6,7,8-HpCDD	ng/kg	29.8	5.43 U B	5.62 U B	5.34 U B	15.6 J FD, Q	5.47 U B	44.3
OCDF	ng/kg	16.1	10.9 U B	11.2 U B	10.7 U B	7.02 J FD, Z	10.9 U B	14.1
1,2,3,4,7,8-HxCDD	ng/kg	5.22 U B	5.43 U B	5.62 U B	0.0924 J FD, Z	0.180 J FD, Z	0.0487 J Z	0.327 J Z
1,2,3,7,8-PeCDD	ng/kg	0.393 J Z	5.43 U B	5.62 U B	0.173 J FD, Z	5.50 UJ B, FD	5.47 U	0.407 J Z
2,3,7,8-TCDF	ng/kg	0.320 J Z	1.09 U B	1.12 U	0.0575 J FD, Z	0.219 J Z	1.09 U	1.05 U B
1,2,3,4,7,8,9-HpCDF	ng/kg	5.22 U B	5.43 U B	5.62 U B	5.34 U B	5.50 UJ B, FD	5.47 U B	5.26 U B
2,3,4,7,8-PeCDF	ng/kg	0.594 J Z	5.43 U B	5.62 U B	5.34 UJ B, FD	5.50 UJ B, FD	5.47 U B	0.417 J Z
1,2,3,7,8-PeCDF	ng/kg	0.479 J Z	5.43 U B	5.62 U B	0.208 J FD, Z	0.757 J Z	5.47 U B	0.454 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.393 J Z	5.43 U B	5.62 U B	0.163 J FD, Z	5.50 UJ B, FD	5.47 U B	0.373 J Z
1,2,3,6,7,8-HxCDD	ng/kg	1.53 J Z	5.43 U B	5.62 U B	0.180 J FD, Z	0.855 J FD, Z	5.47 U B	1.83 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.346 J Z	5.43 U B	5.62 U B	5.34 UJ B, FD	5.50 UJ B, FD	5.47 U B	5.26 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	3.43 J Z	5.43 U B	5.62 U B	5.34 UJ B, FD	2.47 J FD, Z	5.47 U B	3.07 J Z
1,2,3,4,7,8-HxCDF	ng/kg	0.558 J Z	5.43 U B	5.62 U B	0.151 J FD, Z	5.50 UJ B, FD	5.47 U B	0.485 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.760 J Z	0.420 J Z	5.62 U B	5.34 U B	0.642 J FD, Z	0.172 J Z	1.38 J Z
Aroclor 1260	ug/kg	15	1.9 U	1.9 U	1.8 U	4	1.9 U	1.9 U
Aroclor 1254	ug/kg	9.1 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 1268	ug/kg	9.1 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	9.1 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	5.8 J Z	3.7 U	3.8 U	3.6 U	1.9 J FD, Z	3.7 U	3.6 U
Aroclor 1232	ug/kg	9.1 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	18 U	3.7 U	3.8 U	3.6 U	3.6 U	3.7 U	3.6 U
Aroclor 1248	ug/kg	9.1 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	9.1 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	9.1 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	9.1 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	18 U	3.7 U	3.8 U	3.6 U	3.6 U	3.7 U	3.6 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-118-SA5DN-SB-4.0-5.0 06/20/2011 DX104 4 5	SL-119-SA5DN-SS-0.0-0.5 05/27/2011 DX094 0 0.5	SL-119-SA5DN-SB-4.0-5.0 06/20/2011 DX104 4 5	SL-120-SA5DN-SS-0.0-0.5 05/27/2011 DX094 0 0.5	SL-120-SA5DN-SB-4.0-5.0 06/21/2011 DX104 4 5	SL-121-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5	SL-121-SA5DN-SB-4.0-5.0 06/21/2011 DX104 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.10 U	0.226 J Z	1.14 U B	0.161 J Z	1.12 U B	0.255 J Z	1.11 U B
1,2,3,7,8,9-HxCDD	ng/kg	5.49 U B	7.8	5.70 U B	5.49	5.62 U B	6.78	5.53 U B
OCDD	ng/kg	5.11 J Z	17900 J *#	29.1	5320 J *#	22.4	6220 J *#	13.2
1,2,3,4,6,7,8-HpCDD	ng/kg	5.49 U B	1110	5.70 U B	305	5.62 U B	399	5.53 U B
OCDF	ng/kg	11.0 U B	68.7	11.4 U B	82.5	11.2 U B	131	11.1 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.49 U B	3.41 J Z	5.70 U B	2.29 J Z	5.62 U B	2.95 J Z	5.53 U B
1,2,3,7,8-PeCDD	ng/kg	5.49 U B	1.97 J Z	5.70 U B	1.20 J Z	5.62 U B	1.63 J Z	5.53 U B
2,3,7,8-TCDF	ng/kg	1.10 U	0.722 J Z	1.14 U	0.532 J Z	1.12 U B	1.03 J Z	1.11 U B
1,2,3,4,7,8,9-HpCDF	ng/kg	5.49 U B	2.98 J Z	5.70 U B	1.28 J Z	5.62 U B	2.08 J Z	5.53 U B
2,3,4,7,8-PeCDF	ng/kg	5.49 U B	1.45 J Z	5.70 U B	1.27 J Z	5.62 U B	2.76 J Z	5.53 U B
1,2,3,7,8-PeCDF	ng/kg	5.49 U B	1.31 J Z	5.70 U B	1.07 J Z	5.62 U B	2.39 J Z	5.53 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.49 U B	1.70 J Z	5.70 U B	0.941 J Z	5.62 U B	1.55 J Z	5.53 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.49 U B	15.6	5.70 U B	8.99	5.62 U B	12	5.53 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.49 U B	2.12 J Z	5.70 U B	1.12 J Z	5.62 U B	1.87 J Z	5.53 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.49 U B	31	5.70 U B	19.3	5.62 U B	29.6	5.53 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.49 U B	1.88 J Z	5.70 U B	1.46 J Z	5.62 U B	1.96 J Z	5.53 U B
1,2,3,7,8,9-HxCDF	ng/kg	0.0560 J Z	1.55 J Z	0.0745 J Z	1.40 J Z	0.0940 J Z	1.12 J Z	0.184 J Z
Aroclor 1260	ug/kg	1.9 U	1.7 J Z	1.9 U	30	1.9 U	2.1	1.9 U
Aroclor 1254	ug/kg	1.9 U	1.9 U	1.9 U	9.3 U	1.9 U	1.8 U	1.9 U
Aroclor 1268	ug/kg	1.9 U	1.9 U	1.9 U	9.3 U	1.9 U	1.8 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	1.9 U	1.9 U	9.3 U	1.9 U	1.8 U	1.9 U
Aroclor 5460	ug/kg	3.6 U	2.1 J Z	3.8 U	12 J Z	3.7 U	2.4 J Z	3.7 U
Aroclor 1232	ug/kg	1.9 U	1.9 U	1.9 U	9.3 U	1.9 U	1.8 U	1.9 U
Aroclor 5442	ug/kg	3.6 U	3.6 U	3.8 U	18 U	3.7 U	3.5 U	3.7 U
Aroclor 1248	ug/kg	1.9 U	1.9 U	1.9 U	9.3 U	1.9 U	1.8 U	1.9 U
Aroclor 1016	ug/kg	1.9 U	1.9 U	1.9 U	9.3 U	1.9 U	1.8 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	1.9 U	1.9 U	9.3 U	1.9 U	1.8 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	1.9 U	1.9 U	9.3 U	1.9 U	1.8 U	1.9 U
Aroclor 5432	ug/kg	3.6 U	3.6 U	3.8 U	18 U	3.7 U	3.5 U	3.7 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-121-SA5DN-SB-8.0-9.0 06/21/2011 DX104 8 9	SL-122-SA5DN-SS-0.0-0.5 05/27/2011 DX094 0 0.5	SL-122-SA5DN-SB-4.0-5.0 06/24/2011 DX105 4 5	SL-123-SA5DN-SS-0.0-0.5 06/01/2011 DX096 0 0.5	SL-123-SA5DN-SB-2.5-3.5 06/27/2011 DX106 2.5 3.5	SL-124-SA5DN-SS-0.0-0.5 06/01/2011 DX096 0 0.5	SL-125-SA5DN-SS-0.0-0.5 05/31/2011 DX095 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.05 U B	0.155 J Z	1.12 U	0.163 J Z	0.0449 J Z	0.567 J Z	1.08 U B
1,2,3,7,8,9-HxCDD	ng/kg	5.27 U B	3.05 J Z	5.61 U B	3.41 J Z	5.34 U B	53.5	3.86 J Z
OCDD	ng/kg	24.8	1170	11.2 U B	1830	8.05 J Z	37100 J *#	3190
1,2,3,4,6,7,8-HpCDD	ng/kg	2.49 J Z	67.6	5.61 U B	121	5.34 U B	3360 J *#	206
OCDF	ng/kg	10.5 U B	17.2	11.2 U B	35.1	10.7 U B	613	70.2
1,2,3,4,7,8-HxCDD	ng/kg	5.27 U B	1.15 J Z	5.61 U B	1.46 J Z	0.0892 J Z	29.7	1.54 J Z
1,2,3,7,8-PeCDD	ng/kg	5.27 U B	1.98 J Z	5.61 U B	0.990 J Z	5.34 U B	8.91	0.773 J Z
2,3,7,8-TCDF	ng/kg	1.05 U B	0.389 J Z	0.0484 J Z	0.505 J Z	0.0423 J Z	1/14/2012	0.403 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.27 U B	5.78 U B	5.61 U B	1.11 J Z	5.34 U B	23	1.13 J Z
2,3,4,7,8-PeCDF	ng/kg	5.27 U B	5.78 U B	5.61 U B	0.872 J Z	5.34 U B	4.17 J Z	0.995 J Z
1,2,3,7,8-PeCDF	ng/kg	5.27 U B	0.416 J Z	5.61 U B	1.21 J Z	0.124 J Z	1.61 J Z	0.868 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.27 U B	0.345 J Z	5.61 U B	0.706 J Z	5.34 U B	8	0.736 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.27 U B	3.24 J Z	5.61 U B	4.83 J Z	0.131 J Z	125	6.66
2,3,4,6,7,8-HxCDF	ng/kg	5.27 U B	5.78 U B	5.61 U B	0.872 J Z	5.34 U B	15.7	0.876 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.27 U B	5.69 J Z	5.61 U B	11.9	5.34 U B	256	16.6
1,2,3,4,7,8-HxCDF	ng/kg	5.27 U B	0.494 J Z	5.61 U B	0.943 J Z	5.34 U B	7.3	1.07 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.0493 J Z	1.27 J Z	5.61 U B	0.968 J Z	5.34 U B	2.85 J Z	1.28 J Z
Aroclor 1260	ug/kg	0.47 J Z	1.9 J Z	1.9 U	3.4	1.8 U	14 J S	7.6 J Z
Aroclor 1254	ug/kg	1.8 U	2.0 U	1.9 U	1.8 U	1.8 U	9.2 R S	9.4 U
Aroclor 1268	ug/kg	1.8 U	2.0 U	1.9 U	1.8 U	1.8 U	9.2 R S	9.4 U
Aroclor 1221	ug/kg	1.8 U	2.0 U	1.9 U	1.8 U	1.8 U	9.2 R S	9.4 U
Aroclor 5460	ug/kg	3.5 U	4.1	3.7 U	3.0 J Z	3.5 U	16 J S, Z	6.3 J Z
Aroclor 1232	ug/kg	1.8 U	2.0 U	1.9 U	1.8 U	1.8 U	9.2 R S	9.4 U
Aroclor 5442	ug/kg	3.5 U	3.9 U	3.7 U	3.6 U	3.5 U	18 R S	18 U
Aroclor 1248	ug/kg	1.8 U	2.0 U	1.9 U	1.8 U	1.8 U	9.2 R S	9.4 U
Aroclor 1016	ug/kg	1.8 U	2.0 U	1.9 U	1.8 U	1.8 U	9.2 R S	9.4 U
Aroclor 1262	ug/kg	1.8 U	2.0 U	1.9 U	1.8 U	1.8 U	9.2 R S	9.4 U
Aroclor 1242	ug/kg	1.8 U	2.0 U	1.9 U	1.8 U	1.8 U	9.2 R S	9.4 U
Aroclor 5432	ug/kg	3.5 U	3.9 U	3.7 U	3.6 U	3.5 U	18 R S	18 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-125-SA5DN-SB-4.0-5.0 06/21/2011 DX104 4 5	SL-125-SA5DN-SB-9.0-10.0 06/21/2011 DX104 9 10	SL-126-SA5DN-SS-0.0-0.5 06/01/2011 DX096 0 0.5	SL-127-SA5DN-SS-0.0-0.5 06/01/2011 DX096 0 0.5	SL-128-SA5DN-SS-0.0-0.5 06/01/2011 DX096 0 0.5	SL-128-SA5DN-SB-4.0-5.0 06/29/2011 DX106 4 5	SL-129-SA5DN-SS-0.0-0.5 06/01/2011 DX096 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.10 U	1.04 U B	0.178 J Z	0.152 J Z	1.11 U B	1.14 U	0.133 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.48 U B	5.19 U B	12	6.85	0.717 J Z	5.72 U	6.18
OCDD	ng/kg	33	10.4 U B	11200 J *#	3560	502	11.4 U B	2930
1,2,3,4,6,7,8-HpCDD	ng/kg	2.49 J Z	5.19 U B	650	187	24.1	5.72 U B	232
OCDF	ng/kg	1.86 J Z	10.4 U B	178	41	8.03 J Z	11.4 U B	60.4
1,2,3,4,7,8-HxCDD	ng/kg	5.48 U B	5.19 U B	6.29	3.28 J Z	0.226 J Z	5.72 U	2.59 J Z
1,2,3,7,8-PeCDD	ng/kg	5.48 U B	5.19 U B	2.25 J Z	1.85 J Z	5.54 U B	5.72 U	1.25 J Z
2,3,7,8-TCDF	ng/kg	1.10 U	1.04 U B	0.958 J Z	0.651 J Z	1.11 U	1.14 U	1.04 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.48 U B	5.19 U B	4.76 J Z	0.782 J Z	5.54 U B	5.72 U B	3.94 J Z
2,3,4,7,8-PeCDF	ng/kg	5.48 U B	5.19 U B	2.05 J Z	1.01 J Z	0.597 J Z	5.72 U B	1.23 J Z
1,2,3,7,8-PeCDF	ng/kg	5.48 U	5.19 U B	1.61 J Z	0.921 J Z	1.24 J Z	5.72 U B	1.61 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.48 U B	5.19 U B	2.14 J Z	0.611 J Z	5.54 U B	5.72 U B	1.35 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.48 U B	5.19 U B	20.4	7.05	0.945 J Z	5.72 U B	9.48
2,3,4,6,7,8-HxCDF	ng/kg	5.48 U B	5.19 U B	3.13 J Z	0.777 J Z	5.54 U B	5.72 U B	1.83 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.48 U B	5.19 U B	53.3	11.2	2.65 J Z	5.72 U B	23.7
1,2,3,4,7,8-HxCDF	ng/kg	5.48 U B	5.19 U B	2.53 J Z	1.09 J Z	0.475 J Z	5.72 U B	2.42 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.0720 J Z	0.0511 J Z	1.13 J Z	0.444 J Z	0.301 J Z	5.72 U B	0.571 J Z
Aroclor 1260	ug/kg	1.9 U	1.8 U	16	16	2.4	2.0 U	8.6
Aroclor 1254	ug/kg	1.9 U	1.8 U	9.1 U	8.6 U	1.9 U	2.0 U	1.8 U
Aroclor 1268	ug/kg	1.9 U	1.8 U	9.1 U	8.6 U	1.9 U	2.0 U	1.8 U
Aroclor 1221	ug/kg	1.9 U	1.8 U	9.1 U	8.6 U	1.9 U	2.0 U	1.8 U
Aroclor 5460	ug/kg	3.8 U	3.5 U	13 J Z	8.4 J Z	3.7 U	3.8 U	6.4
Aroclor 1232	ug/kg	1.9 U	1.8 U	9.1 U	8.6 U	1.9 U	2.0 U	1.8 U
Aroclor 5442	ug/kg	3.8 U	3.5 U	18 U	17 U	3.7 U	3.8 U	3.5 U
Aroclor 1248	ug/kg	1.9 U	1.8 U	9.1 U	8.6 U	1.9 U	2.0 U	1.8 U
Aroclor 1016	ug/kg	1.9 U	1.8 U	9.1 U	8.6 U	1.9 U	2.0 U	1.8 U
Aroclor 1262	ug/kg	1.9 U	1.8 U	9.1 U	8.6 U	1.9 U	2.0 U	1.8 U
Aroclor 1242	ug/kg	1.9 U	1.8 U	9.1 U	8.6 U	1.9 U	2.0 U	1.8 U
Aroclor 5432	ug/kg	3.8 U	3.5 U	18 U	17 U	3.7 U	3.8 U	3.5 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-129-SA5DN-SB-2.5-3.5 06/29/2011 DX106 2.5 3.5	SL-130-SA5DN-SS-0.0-0.5 06/01/2011 DX096 0 0.5	SL-130-SA5DN-SB-4.0-5.0 05/25/2011 DX089 4 5	SL-131-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-131-SA5DN-SB-3.5-4.5 06/28/2011 DX106 3.5 4.5	SL-132-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-132-SA5DN-SB-4.0-5.0 06/28/2011 DX106 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0376 J Z	3.55	0.105 J Z	1.03 U B	0.0711 J Z	0.263 J Z	0.0636 J Z
1,2,3,7,8,9-HxCDD	ng/kg	0.394 J Z	136	1.34 J Z	3.60 J Z	5.58 U B	9.69	5.52 U B
OCDD	ng/kg	109	180000 J *#	1170	3010	9.10 J Z	14200 J *#	15.4
1,2,3,4,6,7,8-HpCDD	ng/kg	9.97	5270 J *#	42.6	148	5.58 U B	520	5.52 U B
OCDF	ng/kg	2.64 J Z	1030	8.21 J Z	38.7	11.2 U B	113	11.0 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.150 J Z	59	0.595 J Z	1.61 J Z	0.101 J Z	4.47 J Z	0.108 J Z
1,2,3,7,8-PeCDD	ng/kg	5.12 U B	31.4	0.541 J Z	0.824 J Z	0.221 J Z	2.13 J Z	5.52 U B
2,3,7,8-TCDF	ng/kg	0.0619 J Z	0.809 J Z	0.0996 J Z	1.03 U	0.0674 J Z	0.351 J Z	0.0371 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	0.235 J Z	11	5.59 U B, Z	1.60 J Z	5.58 U B	2.00 J Z	5.52 U B
2,3,4,7,8-PeCDF	ng/kg	5.12 U B	3.57 J Z	5.59 U B, Z	0.667 J Z	5.58 U B	0.946 J Z	5.52 U B
1,2,3,7,8-PeCDF	ng/kg	0.190 J Z	3.23 J Z	0.410 J Z	0.227 J Z	0.243 J Z	0.530 J Z	0.123 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.154 J Z	6.49	0.329 J Z	0.743 J Z	5.58 U B	0.961 J Z	5.52 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.560 J Z	176	1.66 J Z	5.57	0.125 J Z	16.8	0.0925 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.12 U B	7.63	5.59 U B, Z	0.996 J Z	5.58 U B	1.39 J Z	5.52 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	1.17 J Z	243	2.69 J Z	14.1	5.58 U B	31	5.52 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.160 J Z	17.9	0.464 J Z	1.38 J Z	0.142 J Z	2.41 J Z	5.52 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.12 U B	5.05 J Z	5.59 U B, Z	0.440 J Z	5.58 U B	0.832 J Z	5.52 U B
Aroclor 1260	ug/kg	1.8 U	3.6	1.9 U	5.0 J Z	1.9 U	7.8 J S	1.9 U
Aroclor 1254	ug/kg	0.67 J Z	1.8 U	1.9 U	8.8 U	1.9 U	1.7 U	1.9 U
Aroclor 1268	ug/kg	1.8 U	1.8 U	1.9 U	8.8 U	1.9 U	1.7 U	1.9 U
Aroclor 1221	ug/kg	1.8 U	1.8 U	1.9 U	8.8 U	1.9 U	1.7 U	1.9 U
Aroclor 5460	ug/kg	3.5 U	4.3	3.7 U	17 U	3.7 U	11 J S	3.7 U
Aroclor 1232	ug/kg	1.8 U	1.8 U	1.9 U	8.8 U	1.9 U	1.7 U	1.9 U
Aroclor 5442	ug/kg	3.5 U	15	3.7 U	17 U	3.7 U	3.4 U	3.7 U
Aroclor 1248	ug/kg	1.8 U	1.8 U	1.9 U	8.8 U	1.9 U	1.7 U	1.9 U
Aroclor 1016	ug/kg	1.8 U	1.8 U	1.9 U	8.8 U	1.9 U	1.7 U	1.9 U
Aroclor 1262	ug/kg	1.8 U	1.8 U	1.9 U	8.8 U	1.9 U	1.7 U	1.9 U
Aroclor 1242	ug/kg	1.8 U	1.8 U	1.9 U	8.8 U	1.9 U	1.7 U	1.9 U
Aroclor 5432	ug/kg	3.5 U	3.4 U	3.7 U	17 U	3.7 U	3.4 U	3.7 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-133-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-133-SA5DN-SB-4.0-5.0 05/25/2011 DX089 4 5	SL-134-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-135-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-136-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-137-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-138-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.03 U B	0.0585 J Z	1.03 U B	1.00 U B	1.00 U B	1.00 U B	1.03 U B
1,2,3,7,8,9-HxCDD	ng/kg	1.74 J Z	5.57 U B, Z	2.38 J Z	2.12 J Z	1.38 J Z	0.904 J Z	1.16 J Z
OCDD	ng/kg	1680	6.10 J Z	3440	2530	1110	449	592 J Q
1,2,3,4,6,7,8-HpCDD	ng/kg	71.8	5.57 U B, Z	119	96.2	50.4	26.6	31.6
OCDF	ng/kg	23.9	11.1 U B, Z	25.7	27	15.8	7.87 J Z	7.72 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.717 J Z	5.57 U B, Z	0.926 J Z	0.800 J Z	0.491 J Z	0.375 J Z	0.467 J Z
1,2,3,7,8-PeCDD	ng/kg	0.413 J Z	5.57 U B, Z	0.524 J Z	0.440 J Z	0.399 J Z	0.331 J Z	0.307 J Z
2,3,7,8-TCDF	ng/kg	1.03 U B	1.11 U B, Z	1.03 U B	1.00 U B	0.0924 J Z	0.172 J Z	1.03 U B
1,2,3,4,7,8,9-HpCDF	ng/kg	5.13 U B	5.57 U B, Z	5.16 U B	0.515 J Z	5.02 U B	5.00 U B	5.13 UJ B, FD
2,3,4,7,8-PeCDF	ng/kg	5.13 U B	5.57 U B, Z	1.26 J Z	0.332 J Z	0.396 J Z	0.422 J Z	5.13 UJ B, FD
1,2,3,7,8-PeCDF	ng/kg	0.250 J Z	5.57 U B, Z	0.402 J Z	0.130 J Z	0.481 J Z	0.586 J Z	0.231 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.190 J Z	5.57 U B, Z	0.532 J Z	0.292 J Z	0.261 J Z	0.301 J Z	0.171 J FD, Z
1,2,3,6,7,8-HxCDD	ng/kg	2.44 J Z	5.57 U B, Z	3.89 J Z	3.20 J Z	1.87 J Z	0.976 J Z	1.18 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.274 J Z	5.57 U B, Z	1.03 J Z	0.356 J Z	0.289 J Z	0.279 J Z	0.166 J FD, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	6.51	5.57 U B, Z	7.12	7.46	3.99 J Z	2.72 J Z	2.55 J Z
1,2,3,4,7,8-HxCDF	ng/kg	0.485 J Z	5.57 U B, Z	0.713 J Z	0.695 J Z	0.564 J Z	0.525 J Z	0.236 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.13 U B	5.57 U B, Z	5.16 U B	5.00 U B	0.407 J Z	0.351 J Z	5.13 UJ B, FD
Aroclor 1260	ug/kg	1.1 J Z	1.9 U	1.8 U	1.2 J Z	1.7 U	2.6	2.1 J FD, Z
Aroclor 1254	ug/kg	1.7 U	1.9 U	1.8 U	1.7 U	1.7 U	1.7 U	8.7 U
Aroclor 1268	ug/kg	1.7 U	1.9 U	1.8 U	1.7 U	1.7 U	1.7 U	8.7 U
Aroclor 1221	ug/kg	1.7 U	1.9 U	1.8 U	1.7 U	1.7 U	1.7 U	8.7 U
Aroclor 5460	ug/kg	1.3 J Z	3.7 U	3.4 U	3.2 J Z	3.4 U	3.7	5.8 J FD, Z
Aroclor 1232	ug/kg	1.7 U	1.9 U	1.8 U	1.7 U	1.7 U	1.7 U	8.7 U
Aroclor 5442	ug/kg	3.4 U	3.7 U	3.4 U	3.4 U	3.4 U	3.4 U	17 U
Aroclor 1248	ug/kg	1.7 U	1.9 U	1.8 U	1.7 U	1.7 U	1.7 U	8.7 U
Aroclor 1016	ug/kg	1.7 U	1.9 U	1.8 U	1.7 U	1.7 U	1.7 U	8.7 U
Aroclor 1262	ug/kg	1.7 U	1.9 U	1.8 U	1.7 U	1.7 U	1.7 U	8.7 U
Aroclor 1242	ug/kg	1.7 U	1.9 U	1.8 U	1.7 U	1.7 U	1.7 U	8.7 U
Aroclor 5432	ug/kg	3.4 U	3.7 U	3.4 U	3.4 U	3.4 U	3.4 U	17 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-139-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-139-SA5DN-SB-2.0-3.0 05/24/2011 DX089 2 3	SL-140-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-140-SA5DN-SB-2.0-3.0 05/25/2011 DX089 2 3	SL-141-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-141-SA5DN-SB-4.0-5.0 06/28/2011 DX106 4 5	SL-142-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.990 U B	1.11 U	1.01 U B	1.07 U	0.212 J Z	0.0490 J Z	1.04 U B
1,2,3,7,8,9-HxCDD	ng/kg	0.852 J Z	0.397 J Z	3.18 J Z	5.34 U B, Z	8.52	1.23 J Z	3.05 J Z
OCDD	ng/kg	139	88.1	4330 J *#	4.56 J Z	4790 J *#	598	1710
1,2,3,4,6,7,8-HpCDD	ng/kg	11.5	8.13	159	5.34 U B, Z	353	57.5	135
OCDF	ng/kg	3.22 J Z	2.06 J Z	40.5	10.7 U B, Z	117	18	43.2
1,2,3,4,7,8-HxCDD	ng/kg	0.235 J Z	0.123 J Z	1.30 J Z	5.34 U B, Z	4.04 J Z	0.514 J Z	1.34 J Z
1,2,3,7,8-PeCDD	ng/kg	0.205 J Z	5.53 U B, Z	0.662 J Z	5.34 U B, Z	1.88 J Z	0.260 J Z	0.704 J Z
2,3,7,8-TCDF	ng/kg	0.990 U B	1.11 U	0.390 J Z	1.07 U B, Z	0.811 J Z	0.241 J Z	0.457 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	4.95 U B	5.53 U B, Z	0.882 J Z	5.34 U B, Z	5.45	1.41 J Z	2.13 J Z
2,3,4,7,8-PeCDF	ng/kg	4.95 U B	5.53 U B, Z	0.912 J Z	5.34 U B, Z	1.32 J Z	5.38 U B	0.796 J Z
1,2,3,7,8-PeCDF	ng/kg	0.234 J Z	5.53 U B, Z	2.00 J Z	5.34 U B, Z	2.79 J Z	0.511 J Z	1.14 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.181 J Z	5.53 U B, Z	0.573 J Z	5.34 U B, Z	1.77 J Z	0.453 J Z	0.758 J Z
1,2,3,6,7,8-HxCDD	ng/kg	0.762 J Z	0.389 J Z	5.58	5.34 U B, Z	14.2	2.40 J Z	5.4
2,3,4,6,7,8-HxCDF	ng/kg	0.188 J Z	5.53 U B, Z	0.639 J Z	5.34 U B, Z	2.41 J Z	0.676 J Z	1.09 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	1.30 J Z	0.784 J Z	12.4	5.34 U B, Z	39	7.33	15.6
1,2,3,4,7,8-HxCDF	ng/kg	0.226 J Z	5.53 U B, Z	1.12 J Z	5.34 U B, Z	2.24 J Z	0.480 J Z	0.931 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.481 J Z	5.53 U B, Z	0.473 J Z	5.34 U B, Z	0.832 J Z	5.38 U B	0.605 J Z
Aroclor 1260	ug/kg	1.7 U	1.9 U	1.6 J Z	1.8 U	31	1.9 U	6.2 J Z
Aroclor 1254	ug/kg	1.7 U	0.78 J Z	1.7 U	1.8 U	18 U	6	8.8 U
Aroclor 1268	ug/kg	1.7 U	1.9 U	1.7 U	1.8 U	18 U	1.9 U	8.8 U
Aroclor 1221	ug/kg	1.7 U	1.9 U	1.7 U	1.8 U	18 U	1.9 U	8.8 U
Aroclor 5460	ug/kg	3.3 U	3.7 U	3.4 U	3.5 U	30 J Z	2.0 J Z	7.4 J Z
Aroclor 1232	ug/kg	1.7 U	1.9 U	1.7 U	1.8 U	18 U	1.9 U	8.8 U
Aroclor 5442	ug/kg	3.3 U	3.7 U	3.4 U	3.5 U	35 U	3.6 U	17 U
Aroclor 1248	ug/kg	1.7 U	1.9 U	1.7 U	1.8 U	18 U	1.9 U	8.8 U
Aroclor 1016	ug/kg	1.7 U	1.9 U	1.7 U	1.8 U	18 U	1.9 U	8.8 U
Aroclor 1262	ug/kg	1.7 U	1.9 U	1.7 U	1.8 U	18 U	1.9 U	8.8 U
Aroclor 1242	ug/kg	1.7 U	1.9 U	1.7 U	1.8 U	18 U	1.9 U	8.8 U
Aroclor 5432	ug/kg	3.3 U	3.7 U	3.4 U	3.5 U	35 U	3.6 U	17 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-142-SA5DN-SB-2.0-3.0 05/25/2011 DX089 2 3	SL-143-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-143-SA5DN-SB-4.0-5.0 06/28/2011 DX106 4 5	SL-144-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-144-SA5DN-SB-2.0-3.0 05/25/2011 DX089 2 3	SL-145-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-145-SA5DN-SB-2.0-3.0 05/24/2011 DX089 2 3
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0193 J Z	0.150 J Z	1.13 U	1.02 U B	1.08 U	1.00 U B	1.04 U
1,2,3,7,8,9-HxCDD	ng/kg	5.48 U B, Z	4.78 J Z	5.66 U B	1.23 J Z	5.40 UJ B, FD, Z	1.41 J Z	5.19 U B, Z
OCDD	ng/kg	11.0 U B, Z	2460	11.3 U B	271	10.8 UJ B, FD, Z	477	17.4
1,2,3,4,6,7,8-HpCDD	ng/kg	5.48 U B, Z	158	5.66 U B	14.9	5.40 U B, Z	28.4	1.26 J Z
OCDF	ng/kg	11.0 U B, Z	56.2	11.3 U B	4.73 J Z	10.8 UJ B, FD, Z	8.25 J Z	10.4 U B, Z
1,2,3,4,7,8-HxCDD	ng/kg	5.48 U	2.11 J Z	5.66 U	0.248 J Z	5.40 UJ FD	0.457 J Z	5.19 U B, Z
1,2,3,7,8-PeCDD	ng/kg	5.48 U B, Z	1.19 J Z	5.66 U B	0.278 J Z	5.40 UJ FD	0.342 J Z	5.19 U B, Z
2,3,7,8-TCDF	ng/kg	1.10 U	0.612 J Z	1.13 U	0.125 J Z	1.08 UJ FD	0.144 J Z	1.04 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.48 U B, Z	1.62 J Z	5.66 U B	5.12 U B	5.40 UJ B, FD, Z	5.00 U B	5.19 U B, Z
2,3,4,7,8-PeCDF	ng/kg	5.48 U B, Z	0.867 J Z	5.66 U B	0.327 J Z	5.40 UJ B, FD, Z	0.360 J Z	5.19 U B, Z
1,2,3,7,8-PeCDF	ng/kg	5.48 U B, Z	1.31 J Z	5.66 U	0.388 J Z	5.40 UJ B, FD, Z	0.353 J Z	5.19 U B, Z
1,2,3,6,7,8-HxCDF	ng/kg	5.48 U B, Z	0.923 J Z	5.66 U B	0.241 J Z	5.40 UJ B, FD, Z	0.236 J Z	5.19 U B, Z
1,2,3,6,7,8-HxCDD	ng/kg	5.48 U B, Z	6.31	5.66 U B	1.11 J Z	5.40 UJ B, FD, Z	1.45 J Z	5.19 U B, Z
2,3,4,6,7,8-HxCDF	ng/kg	5.48 U B, Z	1.06 J Z	5.66 U B	0.199 J Z	5.40 UJ B, FD, Z	0.207 J Z	5.19 U B, Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.48 U B, Z	16.5	5.66 U B	1.79 J Z	5.40 UJ B, FD, Z	2.69 J Z	5.19 U B, Z
1,2,3,4,7,8-HxCDF	ng/kg	5.48 U B, Z	1.32 J Z	5.66 U B	0.266 J Z	5.40 UJ B, FD, Z	0.296 J Z	5.19 U B, Z
1,2,3,7,8,9-HxCDF	ng/kg	5.48 U B, Z	0.937 J Z	5.66 U B	0.895 J Z	5.40 UJ B, FD, Z	0.582 J Z	5.19 U B, Z
Aroclor 1260	ug/kg	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 1254	ug/kg	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 1268	ug/kg	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 1221	ug/kg	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 5460	ug/kg	3.6 U	3.5 U	3.7 U	3.4 U	3.6 U	3.4 U	3.5 U
Aroclor 1232	ug/kg	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 5442	ug/kg	3.6 U	3.5 U	3.7 U	3.4 U	3.6 U	3.4 U	3.5 U
Aroclor 1248	ug/kg	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 1016	ug/kg	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 1262	ug/kg	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 1242	ug/kg	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.7 U	1.8 U
Aroclor 5432	ug/kg	3.6 U	3.5 U	3.7 U	3.4 U	3.6 U	3.4 U	3.5 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-146-SA5DN-SB-2.0-3.0 05/24/2011 DX089 2 3	SL-148-SA5DN-SS-0.0-0.5 06/01/2011 DX096 0 0.5	SL-149-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-149-SA5DN-SB-4.0-5.0 07/11/2011 DX110 4 5	SL-150-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5	SL-150-SA5DN-SB-4.0-5.0 05/24/2011 DX089 4 5	SL-151-SA5DN-SS-0.0-0.5 06/02/2011 DX097 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0610 J Z	1.02 U B	1.07 U B	1.09 U	1.07 U B	0.133 J Z	1.03 U B
1,2,3,7,8,9-HxCDD	ng/kg	5.79 U B, Z	1.42 J Z	1.40 J Z	5.44 U B	1.54 J Z	0.275 J Z	2.15 J Z
OCDD	ng/kg	11.6 U B, Z	357	226	6.19 J Z	377	10.7 U B, Z	134
1,2,3,4,6,7,8-HpCDD	ng/kg	5.79 U B, Z	23.1	13.7	5.44 U B	24.1	5.37 U B, Z	8.25
OCDF	ng/kg	11.6 U B, Z	7.55 J Z	4.70 J Z	10.9 U B	8.38 J Z	10.7 U B, Z	5.43 J Z
1,2,3,4,7,8-HxCDD	ng/kg	5.79 U B, Z	0.373 J Z	0.243 J Z	5.44 U	0.355 J Z	0.256 J Z	5.13 U B
1,2,3,7,8-PeCDD	ng/kg	5.79 U B, Z	0.305 J Z	0.247 J Z	5.44 U	0.332 J Z	0.468 J Z	0.194 J Z
2,3,7,8-TCDF	ng/kg	1.16 U B, Z	0.345 J Z	0.179 J Z	1.09 U	0.387 J Z	0.163 J Z	1.03 U B
1,2,3,4,7,8,9-HpCDF	ng/kg	5.79 U B, Z	5.10 U B	5.34 U B	5.44 U	5.35 U B	5.37 U B, Z	5.13 U B
2,3,4,7,8-PeCDF	ng/kg	5.79 U B, Z	0.579 J Z	0.394 J Z	5.44 U B	0.564 J Z	0.483 J Z	5.13 U B
1,2,3,7,8-PeCDF	ng/kg	5.79 U B, Z	0.447 J Z	0.569 J Z	0.0310 J Z	0.688 J Z	0.563 J Z	0.168 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.79 U B, Z	0.267 J Z	0.223 J Z	5.44 U B	0.384 J Z	0.342 J Z	0.175 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.79 U B, Z	1.40 J Z	1.09 J Z	5.44 U B	1.49 J Z	0.276 J Z	1.60 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.79 U B, Z	0.272 J Z	0.210 J Z	5.44 U B	0.324 J Z	5.37 U B, Z	5.13 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.79 U B, Z	2.70 J Z	1.72 J Z	5.44 U B	3.61 J Z	5.37 U B, Z	1.58 J Z
1,2,3,4,7,8-HxCDF	ng/kg	5.79 U B, Z	0.470 J Z	0.279 J Z	5.44 U B	0.610 J Z	0.315 J Z	5.13 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.79 U B, Z	0.936 J Z	1.32 J Z	5.44 U B	1.02 J Z	5.37 U B, Z	0.664 J Z
Aroclor 1260	ug/kg	2.0 U	2.1	1.7 J Z	1.9 U	1.8 U	1.8 U	1.8 U
Aroclor 1254	ug/kg	2.0 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U
Aroclor 1268	ug/kg	2.0 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U
Aroclor 1221	ug/kg	2.0 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U
Aroclor 5460	ug/kg	3.9 U	2.9 J Z	3.4 J Z	3.6 U	3.5 U	3.6 U	3.4 U
Aroclor 1232	ug/kg	2.0 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U
Aroclor 5442	ug/kg	3.9 U	3.5 U	3.6 U	3.6 U	3.5 U	3.6 U	3.4 U
Aroclor 1248	ug/kg	2.0 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U
Aroclor 1016	ug/kg	2.0 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U
Aroclor 1262	ug/kg	2.0 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U
Aroclor 1242	ug/kg	2.0 U	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U
Aroclor 5432	ug/kg	3.9 U	3.5 U	3.6 U	3.6 U	3.5 U	3.6 U	3.4 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-152-SA5DN-SS-0.0-0.5 06/03/2011 DX098 0 0.5	SL-152-SA5DN-SB-2.5-3.5 06/29/2011 DX106 2.5 3.5	SL-153-SA5DN-SS-0.0-0.5 06/03/2011 DX098 0 0.5	SL-153-SA5DN-SB-4.0-5.0 08/08/2011 DX126 4 5	SL-153-SA5DN-SB-7.0-8.0 08/08/2011 DX126 7 8	SL-154-SA5DN-SS-0.0-0.5 06/03/2011 DX098 0 0.5	SL-154-SA5DN-SB-4.0-5.0 06/29/2011 DX106 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0200 J Z	1.06 U	1.06 U	1.13 U	1.11 U	0.0210 J Z	0.0636 J Z
1,2,3,7,8,9-HxCDD	ng/kg	0.340 J Z	0.291 J Z	0.728 J Z	0.383 J Z	5.55 U	1.12 J Z	5.45 U B
OCDD	ng/kg	84.1	10.6 U B	77.8	11.3 U B	11.1 U B	199	10.9 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	6.28	5.28 U B	5.99	5.67 U B	5.55 U B	12	5.45 U B
OCDF	ng/kg	2.47 J Z	10.6 U	2.24 J Z	11.3 U	0.141 J Z	8.05 J Z	10.9 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.136 J Z	5.28 U	0.0751 J Z	5.67 U	0.0970 J Z	0.151 J Z	0.0935 J Z
1,2,3,7,8-PeCDD	ng/kg	5.35 U B	0.245 J Z	5.32 U B	5.67 U	5.55 U	0.204 J Z	5.45 U B
2,3,7,8-TCDF	ng/kg	0.0756 J Z	1.06 U	0.0465 J Z	1.13 U	1.11 U	0.0525 J Z	0.0308 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.35 U B	5.28 U	5.32 U B	5.67 U	5.55 U	5.44 U B	5.45 U B
2,3,4,7,8-PeCDF	ng/kg	5.35 U B	5.28 U B	5.32 U B	5.67 U	0.0619 J Z	5.44 U B	5.45 U B
1,2,3,7,8-PeCDF	ng/kg	0.136 J Z	0.177 J Z	0.159 J Z	0.109 J Z	0.0512 J Z	0.298 J Z	0.180 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.35 U B	0.186 J Z	5.32 U B	5.67 U	5.55 U	5.44 U B	5.45 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.351 J Z	0.275 J Z	0.551 J Z	0.271 J Z	5.55 U B	0.867 J Z	0.109 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.160 J Z	5.28 U B	5.32 U B	5.67 U B	5.55 U	5.44 U B	5.45 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	0.968 J Z	5.28 U B	0.756 J Z	5.67 U B	5.55 U B	1.86 J Z	5.45 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.220 J Z	0.140 J Z	5.32 U B	5.67 U	5.55 U B	0.220 J Z	5.45 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.35 U B	5.28 U	0.556 J Z	0.849 J Z	0.149 J Z	0.989 J Z	5.45 U B
Aroclor 1260	ug/kg	1.9 J C	1.9 U	1.8 UJ C	2.0 U	1.9 U	0.70 J Z, C, *#	1.9 U
Aroclor 1254	ug/kg	1.8 UJ C	1.9 U	1.8 UJ C	2.0 U	1.9 U	1.9 UJ C	1.9 U
Aroclor 1268	ug/kg	1.8 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	1.8 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	1.3 J L, Z	3.7 U	3.6 U	3.8 U	3.8 U	3.6 U	3.7 U
Aroclor 1232	ug/kg	1.8 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	3.5 U	3.7 U	3.6 U	3.8 U	3.8 U	3.6 U	3.7 U
Aroclor 1248	ug/kg	1.8 UJ C	1.9 U	1.8 UJ C	2.0 U	1.9 U	1.9 UJ C	1.9 U
Aroclor 1016	ug/kg	1.8 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	1.8 U	1.9 U	1.8 U	2.0 U	1.9 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	1.8 UJ C	1.9 U	1.8 UJ C	2.0 U	1.9 U	1.9 UJ C	1.9 U
Aroclor 5432	ug/kg	3.5 U	3.7 U	3.6 U	3.8 U	3.8 U	3.6 U	3.7 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-154-SA5DN-SB-9.0-10.0 06/29/2011 DX106 9 10	SL-155-SA5DN-SS-0.0-0.5 06/03/2011 DX098 0 0.5	SL-155-SA5DN-SB-4.0-5.0 07/08/2011 DX109 4 5	SL-155-SA5DN-SB-9.0-10.0 07/08/2011 DX109 9 10	SL-156-SA5DN-SS-0.0-0.5 06/03/2011 DX098 0 0.5	SL-156-SA5DN-SB-4.0-5.0 07/08/2011 DX109 4 5	SL-156-SA5DN-SB-9.0-10.0 07/08/2011 DX109 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0563 J Z	0.0404 J FD, Z	1.13 U	1.17 U	0.0667 J Z	1.14 U	1.13 U B
1,2,3,7,8,9-HxCDD	ng/kg	5.64 U B	1.08 J Z	5.63 U B	5.87 U B	1.44 J Z	5.69 U B	5.67 U B
OCDD	ng/kg	11.3 U B	186	11.3 U B	11.7 U B	221	11.4 U B	11.3 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.64 U B	14.2	5.63 U B	5.87 U B	18.9	5.69 U B	5.67 U B
OCDF	ng/kg	11.3 U B	6.88 J Z	11.3 U B	11.7 U B	11.6	11.4 U B	11.3 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.0564 J Z	0.287 J Z	5.63 U	0.0265 J Z	0.387 J Z	0.0332 J Z	0.0720 J Z
1,2,3,7,8-PeCDD	ng/kg	5.64 U B	0.203 J Z	5.63 U	5.87 U	0.403 J Z	0.0578 J Z	0.116 J Z
2,3,7,8-TCDF	ng/kg	1.13 U	0.169 J Z	1.13 U	1.17 U	0.283 J Z	1.14 U	0.0633 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.64 U B	5.16 U B	5.63 U B	5.87 U B	0.409 J Z	5.69 U	5.67 U B
2,3,4,7,8-PeCDF	ng/kg	5.64 U B	0.318 J Z	5.63 U B	5.87 U B	0.540 J Z	5.69 U B	5.67 U B
1,2,3,7,8-PeCDF	ng/kg	0.136 J Z	0.327 J Z	5.63 U B	5.87 U	0.685 J Z	5.69 U B	0.178 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.64 U B	0.200 J Z	5.63 U B	5.87 U	0.410 J Z	5.69 U B	5.67 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.0826 J Z	1.05 J Z	5.63 U B	5.87 U	1.36 J Z	5.69 U B	5.67 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.64 U B	0.225 J Z	5.63 U B	5.87 U B	0.385 J Z	5.69 U B	5.67 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.64 U B	2.09 J Z	5.63 U B	5.87 U B	3.31 J Z	5.69 U B	5.67 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.64 U B	0.294 J Z	5.63 U B	5.87 U B	0.570 J Z	5.69 U	5.67 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.64 U B	1.04 J Z	5.63 U B	5.87 U B	1.49 J Z	5.69 U B	5.67 U B
Aroclor 1260	ug/kg	2.0 U	1.6 J Z, C	9.7 U	10 U	1.2 J Z, C	9.8 U	9.7 U
Aroclor 1254	ug/kg	2.0 U	1.8 UJ C	9.7 U	10 U	1.9 UJ C	9.8 U	9.7 U
Aroclor 1268	ug/kg	2.0 U	1.8 U	9.7 U	10 U	1.9 U	9.8 U	9.7 U
Aroclor 1221	ug/kg	2.0 U	1.8 U	9.7 U	10 U	1.9 U	9.8 U	9.7 U
Aroclor 5460	ug/kg	3.8 U	3.5 J L	19 U	19 U	2.3 J L, Z	19 U	19 U
Aroclor 1232	ug/kg	2.0 U	1.8 U	9.7 U	10 U	1.9 U	9.8 U	9.7 U
Aroclor 5442	ug/kg	3.8 U	3.5 U	19 U	19 U	3.7 U	19 U	19 U
Aroclor 1248	ug/kg	2.0 U	1.8 UJ C	9.7 U	10 U	1.9 UJ C	9.8 U	9.7 U
Aroclor 1016	ug/kg	2.0 U	1.8 U	9.7 U	10 U	1.9 U	9.8 U	9.7 U
Aroclor 1262	ug/kg	2.0 U	1.8 U	9.7 U	10 U	1.9 U	9.8 U	9.7 U
Aroclor 1242	ug/kg	2.0 U	1.8 UJ C	9.7 U	10 U	1.9 UJ C	9.8 U	9.7 U
Aroclor 5432	ug/kg	3.8 U	3.5 U	19 U	19 U	3.7 U	19 U	19 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-157-SA5DN-SS-0.0-0.5 06/03/2011 DX098 0 0.5	SL-157-SA5DN-SB-4.0-5.0 07/08/2011 DX109 4 5	SL-157-SA5DN-SB-9.0-10.0 07/08/2011 DX109 9 10	SL-158-SA5DN-SS-0.0-0.5 06/03/2011 DX098 0 0.5	SL-158-SA5DN-SB-4.0-5.0 07/08/2011 DX109 4 5	SL-158-SA5DN-SB-9.0-10.0 07/08/2011 DX109 9 10	SL-159-SA5DN-SS-0.0-0.5 06/03/2011 DX098 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0441 J Z	1.13 U B	1.16 U	0.0223 J Z	1.11 U B	1.13 U	0.0273 J Z
1,2,3,7,8,9-HxCDD	ng/kg	1.03 J Z	5.64 U B	5.81 U B	0.866 J Z	5.57 U B	5.67 U B	1.13 J Z
OCDD	ng/kg	138	11.3 U B	11.6 U B	106	11.1 U B	11.3 U B	112
1,2,3,4,6,7,8-HpCDD	ng/kg	10	5.64 U B	5.81 U B	8.06	5.57 U B	5.67 U B	8.36
OCDF	ng/kg	5.00 J Z	11.3 U B	11.6 U B	4.03 J Z	11.1 U B	11.3 U B	4.96 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.225 J Z	0.0551 J Z	0.0557 J Z	0.155 J Z	0.0746 J Z	0.0233 J Z	0.132 J Z
1,2,3,7,8-PeCDD	ng/kg	0.342 J Z	0.167 J Z	0.0603 J Z	0.196 J Z	0.0788 J Z	0.0303 J Z	0.183 J Z
2,3,7,8-TCDF	ng/kg	0.290 J Z	0.0535 J Z	1.16 U	0.259 J Z	1.11 U	0.0351 J Z	0.532 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.40 U B	5.64 U B	5.81 U B	5.37 U B	5.57 U B	5.67 U B	5.53 U B
2,3,4,7,8-PeCDF	ng/kg	0.513 J Z	5.64 U B	5.81 U B	0.388 J Z	5.57 U B	5.67 U B	0.575 J Z
1,2,3,7,8-PeCDF	ng/kg	0.478 J Z	0.224 J Z	5.81 U B	0.330 J Z	5.57 U B	5.67 U B	0.925 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.280 J Z	5.64 U B	5.81 U B	0.202 J Z	5.57 U B	5.67 U B	0.235 J Z
1,2,3,6,7,8-HxCDD	ng/kg	0.865 J Z	5.64 U B	5.81 U B	0.751 J Z	5.57 U B	5.67 U B	0.958 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.270 J Z	5.64 U B	5.81 U B	0.199 J Z	5.57 U B	5.67 U B	0.189 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	1.61 J Z	5.64 U B	5.81 U B	1.36 J Z	5.57 U B	5.67 U B	1.58 J Z
1,2,3,4,7,8-HxCDF	ng/kg	0.400 J Z	5.64 U B	5.81 U B	0.297 J Z	5.57 U B	5.67 U B	0.475 J Z
1,2,3,7,8,9-HxCDF	ng/kg	1.21 J Z	5.64 U B	5.81 U B	1.07 J Z	0.362 J Z	5.67 U B	1.35 J Z
Aroclor 1260	ug/kg	1.3 J Z, C	9.7 U	10 U	1.1 J Z, C	9.5 U	9.8 U	2.4 J S, C
Aroclor 1254	ug/kg	1.9 UJ C	9.7 U	10 U	1.8 UJ C	9.5 U	9.8 U	1.9 UJ C
Aroclor 1268	ug/kg	1.9 U	9.7 U	10 U	1.8 U	9.5 U	9.8 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	9.7 U	10 U	1.8 U	9.5 U	9.8 U	1.9 U
Aroclor 5460	ug/kg	1.5 J L, Z	19 U	19 U	1.8 J L, Z	19 U	19 U	3.4 J S, L, Z
Aroclor 1232	ug/kg	1.9 U	9.7 U	10 U	1.8 U	9.5 U	9.8 U	1.9 U
Aroclor 5442	ug/kg	3.7 U	19 U	19 U	3.6 U	19 U	19 U	3.7 U
Aroclor 1248	ug/kg	1.9 UJ C	9.7 U	10 U	1.8 UJ C	9.5 U	9.8 U	1.9 UJ C
Aroclor 1016	ug/kg	1.9 U	9.7 U	10 U	1.8 U	9.5 U	9.8 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	9.7 U	10 U	1.8 U	9.5 U	9.8 U	1.9 U
Aroclor 1242	ug/kg	1.9 UJ C	9.7 U	10 U	1.8 UJ C	9.5 U	9.8 U	1.9 UJ C
Aroclor 5432	ug/kg	3.7 U	19 U	19 U	3.6 U	19 U	19 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-159-SA5DN-SB-4.0-5.0 07/08/2011 DX109 4 5	SL-159-SA5DN-SB-9.0-10.0 07/08/2011 DX109 9 10	SL-160-SA5DN-SS-0.0-0.5 06/03/2011 DX098 0 0.5	SL-160-SA5DN-SB-4.0-5.0 08/02/2011 DX123 4 5	SL-162-SA5DN-SS-0.0-0.5 06/03/2011 DX098 0 0.5	SL-162-SA5DN-SB-4.0-5.0 08/02/2011 DX123 4 5	SL-162-SA5DN-SB-9.0-10.0 08/02/2011 DX123 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.15 U	0.0348 J Z	0.0193 J Z	1.11 U B	0.0410 J Z	1.10 U	1.14 U B
1,2,3,7,8,9-HxCDD	ng/kg	0.243 J Z	5.66 U B	0.639 J Z	5.54 U B	1.26 J Z	5.50 U B	5.69 U B
OCDD	ng/kg	11.5 U B	11.3 U B	37.1	11.1 U B	96.2	11.0 U B	11.4 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.73 U B	5.66 U B	3.25 J Z	5.54 U B	8.86	5.50 U B	5.69 U B
OCDF	ng/kg	11.5 U B	11.3 U B	1.75 J Z	11.1 U B	2.99 J Z	11.0 U B	11.4 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.73 U	5.66 U	0.0618 J Z	5.54 U	0.197 J Z	5.50 U	5.69 U
1,2,3,7,8-PeCDD	ng/kg	5.73 U	5.66 U B	5.16 U B	5.54 U B	0.242 J Z	5.50 U B	5.69 U
2,3,7,8-TCDF	ng/kg	1.15 U	1.13 U	1.03 U	1.11 U B	0.252 J Z	1.10 U	1.14 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.73 U B	5.66 U B	5.16 U B	5.54 U B	5.52 U B	5.50 U B	5.69 U B
2,3,4,7,8-PeCDF	ng/kg	5.73 U B	5.66 U B	5.16 U B	5.54 U B	0.358 J Z	5.50 U B	5.69 U B
1,2,3,7,8-PeCDF	ng/kg	5.73 U B	5.66 U B	0.181 J Z	5.54 U B	0.238 J Z	5.50 U B	5.69 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.73 U B	5.66 U B	5.16 U B	5.54 U B	0.197 J Z	5.50 U B	5.69 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.167 J Z	5.66 U B	0.437 J Z	5.54 U B	1.01 J Z	5.50 U B	5.69 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.73 U B	5.66 U B	5.16 U B	5.54 U B	0.179 J Z	5.50 U B	5.69 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.73 U B	5.66 U B	0.511 J Z	5.54 U B	1.10 J Z	5.50 U B	5.69 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.73 U	5.66 U B	5.16 U B	5.54 U B	0.348 J Z	5.50 U B	5.69 U B
1,2,3,7,8,9-HxCDF	ng/kg	0.541 J Z	0.117 J Z	0.822 J Z	5.54 U B	1.17 J Z	0.311 J Z	5.69 U B
Aroclor 1260	ug/kg	9.8 U	9.8 U	1.8 UJ C	1.9 U	1.3 J Z, C, *#	1.9 U	2.0 U
Aroclor 1254	ug/kg	9.8 U	9.8 U	1.8 UJ C	1.9 U	1.9 UJ C	0.55 J Z	2.0 U
Aroclor 1268	ug/kg	9.8 U	9.8 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U
Aroclor 1221	ug/kg	9.8 U	9.8 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U
Aroclor 5460	ug/kg	19 U	19 U	3.4 U	3.7 U	1.9 J L, Z	3.7 U	3.8 U
Aroclor 1232	ug/kg	9.8 U	9.8 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U
Aroclor 5442	ug/kg	19 U	19 U	3.4 U	3.7 U	3.7 U	3.7 U	3.8 U
Aroclor 1248	ug/kg	9.8 U	9.8 U	1.8 UJ C	1.9 U	1.9 UJ C	1.9 U	2.0 U
Aroclor 1016	ug/kg	9.8 U	9.8 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U
Aroclor 1262	ug/kg	9.8 U	9.8 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U
Aroclor 1242	ug/kg	9.8 U	9.8 U	1.8 UJ C	1.9 U	1.9 UJ C	1.9 U	2.0 U
Aroclor 5432	ug/kg	19 U	19 U	3.4 U	3.7 U	3.7 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-164-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5	SL-164-SA5DN-SB-4.0-5.0 07/07/2011 DX109 4 5	SL-164-SA5DN-SB-9.0-10.0 07/07/2011 DX109 9 10	SL-165-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5	SL-165-SA5DN-SB-4.0-5.0 06/29/2011 DX106 4 5	SL-165-SA5DN-SB-9.0-10.0 06/29/2011 DX106 9 10	SL-166-SA5DN-SS-0.0-0.5 06/03/2011 DX098 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.08 U B	1.14 U	1.14 U	1.07 U B	1.09 U	0.0546 J Z	1.09 U
1,2,3,7,8,9-HxCDD	ng/kg	0.854 J Z	5.72 U B	5.69 U B	1.06 J Z	5.47 U B	0.431 J Z	0.558 J Z
OCDD	ng/kg	138	11.4 U B	11.4 U B	834	3.79 J Z	232	281
1,2,3,4,6,7,8-HpCDD	ng/kg	11.7	5.72 U B	5.69 U B	74.4	5.47 U B	25.7	23.1
OCDF	ng/kg	5.29 J Z	11.4 U B	11.4 U B	96.7	10.9 U B	30.1	11.9
1,2,3,4,7,8-HxCDD	ng/kg	0.191 J Z	5.72 U	0.0264 J Z	0.622 J Z	0.0388 J Z	0.171 J Z	0.204 J Z
1,2,3,7,8-PeCDD	ng/kg	5.42 U B	5.72 U	5.69 U	0.345 J Z	5.47 U	0.191 J Z	0.163 J Z
2,3,7,8-TCDF	ng/kg	0.386 J Z	1.14 U	1.14 U	0.524 J Z	1.09 U	1.06 U	0.659 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.42 U B	5.72 U B	5.69 U B	1.04 J Z	5.47 U B	0.343 J Z	5.43 U B
2,3,4,7,8-PeCDF	ng/kg	0.804 J Z	5.72 U B	5.69 U B	0.749 J Z	5.47 U B	0.548 J Z	0.571 J Z
1,2,3,7,8-PeCDF	ng/kg	0.531 J Z	5.72 U	5.69 U B	1.86 J Z	5.47 U B	0.359 J Z	0.602 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.261 J Z	5.72 U B	5.69 U B	0.631 J Z	5.47 U B	0.276 J Z	0.228 J Z
1,2,3,6,7,8-HxCDD	ng/kg	0.881 J Z	5.72 U B	5.69 U B	2.35 J Z	5.47 U B	0.850 J Z	0.807 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.419 J Z	5.72 U B	5.69 U B	0.753 J Z	5.47 U B	0.386 J Z	0.271 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	1.94 J Z	5.72 U B	5.69 U B	23.2	5.47 U B	7.25	3.44 J Z
1,2,3,4,7,8-HxCDF	ng/kg	0.494 J Z	5.72 U B	5.69 U B	0.617 J Z	5.47 U B	0.341 J Z	0.611 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.605 J Z	5.72 U B	5.69 U B	5.33 U B	5.47 U B	5.30 U B	0.296 J Z
Aroclor 1260	ug/kg	1.4 J Z	2.0 U	1.9 U	0.45 J Z	1.9 U	1.3 J Z	3.0 J C
Aroclor 1254	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 UJ C
Aroclor 1268	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
Aroclor 5460	ug/kg	7.7	3.8 U	3.8 U	3.5 U	3.7 U	3.5 U	4.6 J L
Aroclor 1232	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
Aroclor 5442	ug/kg	3.6 U	3.8 U	3.8 U	3.5 U	3.7 U	3.5 U	3.7 U
Aroclor 1248	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 UJ C
Aroclor 1016	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 UJ C
Aroclor 5432	ug/kg	3.6 U	3.8 U	3.8 U	3.5 U	3.7 U	3.5 U	3.7 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-166-SA5DN-SB-4.0-5.0 07/07/2011 DX109 4 5	SL-166-SA5DN-SB-9.0-10.0 07/07/2011 DX109 9 10	SL-167-SA5DN-SB-4.0-5.0 07/07/2011 DX109 4 5	SL-167-SA5DN-SB-9.0-10.0 07/07/2011 DX109 9 10	SL-168-SA5DN-SB-4.0-5.0 07/07/2011 DX109 4 5	SL-168-SA5DN-SB-9.0-10.0 07/07/2011 DX109 9 10	SL-169-SA5DN-SB-4.0-5.0 07/07/2011 DX109 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.14 UJ B, FD	1.16 U B	1.15 U	1.16 U B	1.17 U B	1.12 U B	1.15 U B
1,2,3,7,8,9-HxCDD	ng/kg	5.71 U B	5.78 U B	5.75 U B	5.79 U B	5.87 U B	5.62 U B	5.75 U B
OCDD	ng/kg	11.4 U B	11.6 U B	11.5 U B	11.6 U B	11.7 U B	8.11 J Z	11.5 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.71 U B	5.78 U B	5.75 U B	5.79 U B	5.87 U B	5.62 U B	5.75 U B
OCDF	ng/kg	11.4 UJ B, FD	11.6 U B	11.5 U B	11.6 U B	11.7 U B	11.2 U B	11.5 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.71 U	0.0356 J Z	5.75 U	0.127 J Z	0.137 J Z	0.103 J Z	5.75 U
1,2,3,7,8-PeCDD	ng/kg	5.71 UJ FD	0.0663 J Z	5.75 U	0.148 J Z	0.281 J Z	0.215 J Z	0.0892 J Z
2,3,7,8-TCDF	ng/kg	1.14 U	0.0302 J Z	1.15 U	0.0425 J Z	0.0335 J Z	0.0326 J Z	0.0301 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.71 U B	5.78 U B	5.75 U B	5.79 U B	5.87 U B	5.62 U B	5.75 U B
2,3,4,7,8-PeCDF	ng/kg	5.71 UJ B, FD	5.78 U B	5.75 U B	5.79 U B	5.87 U B	5.62 U B	5.75 U B
1,2,3,7,8-PeCDF	ng/kg	5.71 UJ B, FD	5.78 U B	5.75 U B	5.79 U B	0.347 J Z	0.249 J Z	5.75 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.71 UJ B, FD	5.78 U B	5.75 U B	5.79 U B	5.87 U B	5.62 U B	5.75 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.71 UJ FD	5.78 U B	5.75 U B	5.79 U B	5.87 U B	0.186 J Z	5.75 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.71 UJ B, FD	5.78 U B	5.75 U B	5.79 U B	5.87 U B	5.62 U B	5.75 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.71 UJ B, FD	5.78 U B	5.75 U B	5.79 U B	5.87 U B	5.62 U B	5.75 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.71 U B	5.78 U B	5.75 U B	5.79 U B	5.87 U B	5.62 U B	5.75 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.71 UJ B, FD	5.78 U B	5.75 U B	5.79 U B	5.87 U B	5.62 U B	5.75 U B
Aroclor 1260	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1254	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1268	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	3.8 U	3.8 U	3.9 U	3.8 U	3.9 U	3.8 U	4.0 U
Aroclor 1232	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	3.8 U	3.8 U	3.9 U	3.8 U	3.9 U	3.8 U	4.0 U
Aroclor 1248	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	3.8 U	3.8 U	3.9 U	3.8 U	3.9 U	3.8 U	4.0 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-169-SA5DN-SB-7.5-8.5 07/07/2011 DX109 7.5 8.5	SL-170-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5	SL-170-SA5DN-SB-4.0-5.0 08/01/2011 DX123 4 5	SL-170-SA5DN-SB-9.0-10.0 08/01/2011 DX123 9 10	SL-171-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5	SL-172-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5	SL-172-SA5DN-SB-4.0-5.0 07/28/2011 DX121 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.13 U	1.00 U B	1.08 U B	1.11 U B	0.220 J Z	1.06 U B	0.0186 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.63 U B	0.206 J Z	5.40 U B	5.53 U B	3.49 J Z	0.376 J Z	0.467 J Z
OCDD	ng/kg	11.3 U B	79.2	357	10.4 J Z	363	100	155
1,2,3,4,6,7,8-HpCDD	ng/kg	5.63 U B	4.31 J Z	20.9	5.53 U B	58.7	8.85	8.79
OCDF	ng/kg	11.3 U B	2.27 J Z	4.55 J Z	11.1 U B	10.5	2.65 J Z	1.88 J Z
1,2,3,4,7,8-HxCDD	ng/kg	5.63 U	5.00 U B	5.40 U B	5.53 U B	1.74 J Z	5.31 U B	0.158 J Z
1,2,3,7,8-PeCDD	ng/kg	5.63 U	0.273 J Z	5.40 U B	5.53 U B	1.88 J Z	5.31 U B	5.53 U B
2,3,7,8-TCDF	ng/kg	1.13 U	0.0809 J Z	1.08 U B	1.11 U B	0.225 J Z	0.0468 J Z	1.11 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.63 U B	5.00 U B	5.40 U B	5.53 U B	5.24 U B	5.31 U B	5.53 U B
2,3,4,7,8-PeCDF	ng/kg	5.63 U B	5.00 U B	5.40 U B	5.53 U B	1.07 J Z	5.31 U B	5.53 U B
1,2,3,7,8-PeCDF	ng/kg	5.63 U B	0.287 J Z	5.40 U B	5.53 U B	0.324 J Z	5.31 U B	0.190 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.63 U B	0.229 J Z	5.40 U B	5.53 U B	0.729 J Z	0.110 J Z	0.0721 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.63 U B	0.286 J Z	0.815 J Z	5.53 U B	5.35	0.430 J Z	0.413 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.63 U B	5.00 U B	5.40 U B	5.53 U B	0.975 J Z	5.31 U B	5.53 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.63 U B	0.625 J Z	1.94 J Z	5.53 U B	5.57	1.20 J Z	0.756 J Z
1,2,3,4,7,8-HxCDF	ng/kg	5.63 U B	0.314 J Z	5.40 U B	5.53 U B	0.783 J Z	5.31 U B	5.53 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.63 U B	5.00 U B	5.40 U B	5.53 U B	5.24 U	5.31 U B	0.320 J Z
Aroclor 1260	ug/kg	1.9 U	1.7 J Z	4.1	2.0 U	2.5	1.1 J Z	1.9 U
Aroclor 1254	ug/kg	1.9 U	3.4	5.5	0.89 J Z	4.1	1.8 U	1.9 U
Aroclor 1268	ug/kg	1.9 U	1.8 U	1.9 U	2.0 U	1.8 U	1.8 U	1.9 U
Aroclor 1221	ug/kg	1.9 U	1.8 U	1.9 U	2.0 U	1.8 U	1.8 U	1.9 U
Aroclor 5460	ug/kg	3.8 U	3.4 U	6.8	3.8 U	5.1	2.8 J Z	3.7 U
Aroclor 1232	ug/kg	1.9 U	1.8 U	1.9 U	2.0 U	1.8 U	1.8 U	1.9 U
Aroclor 5442	ug/kg	3.8 U	3.4 U	3.6 U	3.8 U	3.5 U	3.6 U	3.7 U
Aroclor 1248	ug/kg	1.9 U	1.8 U	1.9 U	2.0 U	1.8 U	1.8 U	1.1 J Z
Aroclor 1016	ug/kg	1.9 U	1.8 U	1.9 U	2.0 U	1.8 U	1.8 U	1.9 U
Aroclor 1262	ug/kg	1.9 U	1.8 U	1.9 U	2.0 U	1.8 U	1.8 U	1.9 U
Aroclor 1242	ug/kg	1.9 U	1.8 U	1.9 U	2.0 U	1.8 U	1.8 U	1.9 U
Aroclor 5432	ug/kg	3.8 U	3.4 U	3.6 U	3.8 U	3.5 U	3.6 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-172-SA5DN-SB-9.0-10.0 07/28/2011 DX121 9 10	SL-173-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5	SL-173-SA5DN-SB-4.0-5.0 08/01/2011 DX123 4 5	SL-173-SA5DN-SB-9.0-10.0 08/01/2011 DX123 9 10	SL-174-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5	SL-174-SA5DN-SB-4.0-5.0 07/29/2011 DX121 4 5	SL-174-SA5DN-SB-9.0-10.0 07/29/2011 DX121 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0220 J Z	1.05 U B	1.13 U	1.14 U	1.02 U B	0.0361 J Z	0.0512 J Z
1,2,3,7,8,9-HxCDD	ng/kg	0.201 J Z	1.08 J Z	5.67 U B	5.68 U B	0.646 J Z	5.65 U B	0.144 J Z
OCDD	ng/kg	103	340	8.99 J Z	7.55 J Z	207	50.9	60.7
1,2,3,4,6,7,8-HpCDD	ng/kg	5.67 J Z	36	5.67 U B	5.68 U B	21.9	5.57 J Z	6.46
OCDF	ng/kg	1.98 J Z	15.6	11.3 U B	11.4 U B	8.25 J Z	1.93 J Z	2.06 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.0893 J Z	0.460 J Z	5.67 U	5.68 U B	0.288 J Z	0.0561 J Z	0.0715 J Z
1,2,3,7,8-PeCDD	ng/kg	5.85 U B	0.230 J Z	5.67 U B	5.68 U B	5.10 U B	5.65 U B	5.68 U B
2,3,7,8-TCDF	ng/kg	1.17 U	0.380 J Z	1.13 U B	1.14 U	0.181 J Z	1.13 U	0.0336 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.85 U B	5.26 U B	5.67 U B	5.68 U B	5.10 U B	5.65 U B	5.68 U B
2,3,4,7,8-PeCDF	ng/kg	5.85 U B	0.898 J Z	5.67 U B	5.68 U B	0.407 J Z	5.65 U B	5.68 U B
1,2,3,7,8-PeCDF	ng/kg	5.85 U B	5.26 U B	5.67 U B	5.68 U	0.465 J Z	5.65 U B	5.68 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.85 U B	0.676 J Z	5.67 U B	5.68 U B	0.311 J Z	0.0649 J Z	0.0851 J Z
1,2,3,6,7,8-HxCDD	ng/kg	0.224 J Z	1.80 J Z	5.67 U B	5.68 U B	1.09 J Z	0.230 J Z	0.296 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.85 U B	0.665 J Z	5.67 U B	5.68 U B	0.376 J Z	5.65 U B	5.68 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	0.732 J Z	5.47	5.67 U B	5.68 U B	3.48 J Z	0.873 J Z	0.989 J Z
1,2,3,4,7,8-HxCDF	ng/kg	5.85 U B	0.480 J Z	5.67 U B	5.68 U B	0.408 J Z	5.65 U B	0.101 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.85 U B	5.26 U B	5.67 U B	5.68 U B	5.10 U B	5.65 U B	5.68 U B
Aroclor 1260	ug/kg	2.0 U	2.0 J S	1.9 U	1.9 U	1.1 J Z	2.0 U	2.0 U
Aroclor 1254	ug/kg	1.2 J Z	1.8 UJ S	0.65 J Z	0.67 J Z	1.8 U	2.0 U	0.82 J Z
Aroclor 1268	ug/kg	2.0 U	1.8 UJ S	1.9 U	1.9 U	1.8 U	2.0 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	1.8 UJ S	1.9 U	1.9 U	1.8 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	3.9 U	2.0 J S, Z	3.8 U	3.8 U	3.4 U	3.8 U	3.8 U
Aroclor 1232	ug/kg	2.0 U	1.8 UJ S	1.9 U	1.9 U	1.8 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	3.9 U	3.5 UJ S	3.8 U	3.8 U	3.4 U	3.8 U	3.8 U
Aroclor 1248	ug/kg	2.0 U	1.8 UJ S	1.9 U	1.9 U	1.8 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	1.8 UJ S	1.9 U	1.9 U	1.8 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	1.8 UJ S	1.9 U	1.9 U	1.8 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	1.8 UJ S	1.9 U	1.9 U	1.8 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	3.9 U	3.5 UJ S	3.8 U	3.8 U	3.4 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-175-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5	SL-175-SA5DN-SB-4.0-5.0 08/01/2011 DX123 4 5	SL-175-SA5DN-SB-9.0-10.0 08/01/2011 DX123 9 10	SL-176-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5	SL-176-SA5DN-SB-4.0-5.0 08/01/2011 DX123 4 5	SL-176-SA5DN-SB-9.0-10.0 08/01/2011 DX123 9 10	SL-179-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.04 U B	1.07 U B	1.13 U B	1.03 U B	1.08 U B	1.12 U B	1.05 U B
1,2,3,7,8,9-HxCDD	ng/kg	4.34 J Z	0.813 J Z	5.67 U B	0.933 J Z	1.75 J Z	5.60 U B	0.378 J Z
OCDD	ng/kg	2980	565	57	100	831	135	96
1,2,3,4,6,7,8-HpCDD	ng/kg	388	48	6.4	13.3	115	15	8.84
OCDF	ng/kg	163	15.7	2.11 J Z	4.22 J Z	37	4.52 J Z	3.18 J Z
1,2,3,4,7,8-HxCDD	ng/kg	1.80 J Z	0.368 J Z	5.67 U B	0.261 J Z	0.776 J Z	5.60 U B	0.208 J Z
1,2,3,7,8-PeCDD	ng/kg	1.06 J Z	5.37 U B	5.67 U B	5.14 U B	5.39 U B	5.60 U B	0.277 J Z
2,3,7,8-TCDF	ng/kg	0.146 J Z	1.07 U B	1.13 U B	1/16/2012	1.08 U B	1.12 U B	0.323 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.24	0.497 J Z	5.67 U B	5.14 U B	1.33 J Z	5.60 U B	5.23 U B
2,3,4,7,8-PeCDF	ng/kg	0.528 J Z	5.37 UJ B, FD	5.67 U B	0.566 J Z	5.39 U B	5.60 U B	5.23 U B
1,2,3,7,8-PeCDF	ng/kg	0.307 J Z	5.37 U B	5.67 U B	0.483 J Z	5.39 U B	5.60 U B	0.260 J Z
1,2,3,6,7,8-HxCDF	ng/kg	1.65 J Z	5.37 U B	5.67 U B	0.984 J Z	0.628 J Z	5.60 U B	0.220 J Z
1,2,3,6,7,8-HxCDD	ng/kg	15.3	1.93 J Z	0.397 J Z	1.24 J Z	5.10 J Z	0.560 J Z	0.526 J Z
2,3,4,6,7,8-HxCDF	ng/kg	2.76 J Z	0.399 J Z	5.67 U B	0.473 J Z	0.865 J Z	5.60 U B	5.23 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	56.8	6.13	0.834 J Z	2.13 J Z	14.5	1.80 J Z	1.37 J Z
1,2,3,4,7,8-HxCDF	ng/kg	1.53 J Z	5.37 U B	5.67 U B	1.51 J Z	0.532 J Z	5.60 U B	0.207 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.464 J Z	5.37 U B	5.67 U B	5.14 U B	0.260 J Z	5.60 U B	5.23 U B
Aroclor 1260	ug/kg	1.2 J Z	2.7 J FD	1.9 U	1.8 U	1.3 J Z	1.9 U	1.2 J Z
Aroclor 1254	ug/kg	1.8 U	1.9 U	1.9 U	9	1.9 U	0.91 J Z	2.9
Aroclor 1268	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U
Aroclor 1221	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U
Aroclor 5460	ug/kg	1.9 J Z	3.7 J FD	3.8 U	3.4 U	1.3 J Z	3.8 U	3.5 U
Aroclor 1232	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U
Aroclor 5442	ug/kg	3.5 U	3.6 U	3.8 U	3.4 U	3.6 U	3.8 U	3.5 U
Aroclor 1248	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U
Aroclor 1016	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U
Aroclor 1262	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U
Aroclor 1242	ug/kg	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U
Aroclor 5432	ug/kg	3.5 U	3.6 U	3.8 U	3.4 U	3.6 U	3.8 U	3.5 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-179-SA5DN-SB-4.0-5.0 07/27/2011 DX120 4 5	SL-179-SA5DN-SB-9.0-10.0 07/27/2011 DX120 9 10	SL-180-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5	SL-180-SA5DN-SB-4.0-5.0 07/29/2011 DX121 4 5	SL-180-SA5DN-SB-9.0-10.0 07/29/2011 DX121 9 10	SL-181-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5	SL-181-SA5DN-SB-4.0-5.0 06/30/2011 DX107 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0859 J Z	1.10 U B	1.02 U B	0.0169 J Z	0.0157 J Z	1.04 U B	1.11 U B
1,2,3,7,8,9-HxCDD	ng/kg	3.11 J Z	5.52 U B	0.276 J Z	5.59 U B	5.87 U B	1.26 J Z	5.55 U B
OCDD	ng/kg	2400	88.6	98.6	4.51 J Z	18.1	1090	12.5
1,2,3,4,6,7,8-HpCDD	ng/kg	214	8.1	7.61	5.59 U B	2.57 J Z	64.1	5.55 U B
OCDF	ng/kg	53.8	1.98 J Z	3.19 J Z	11.2 U B	11.7 U B	16	11.1 U B
1,2,3,4,7,8-HxCDD	ng/kg	1.90 J Z	5.52 U B	5.12 U B	0.0116 J Z	0.0402 J Z	0.576 J Z	5.55 U
1,2,3,7,8-PeCDD	ng/kg	0.713 J Z	5.52 U B	0.284 J Z	5.59 U B	5.87 U B	0.382 J Z	0.0721 J Z
2,3,7,8-TCDF	ng/kg	0.126 J Z	1.10 U B	0.115 J Z	0.0126 J Z	0.0171 J Z	0.526 J Z	0.0425 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	2.33 J Z	5.52 U B	5.12 U B	5.59 U B	5.87 U B	5.18 U B	5.55 U B
2,3,4,7,8-PeCDF	ng/kg	0.626 J Z	5.52 U B	5.12 U B	5.59 U B	5.87 U B	0.759 J Z	5.55 U B
1,2,3,7,8-PeCDF	ng/kg	0.638 J Z	5.52 U B	0.243 J Z	5.59 U B	5.87 U B	0.301 J Z	5.55 U B
1,2,3,6,7,8-HxCDF	ng/kg	1.11 J Z	5.52 U B	0.179 J Z	5.59 U B	5.87 U B	0.490 J Z	5.55 U B
1,2,3,6,7,8-HxCDD	ng/kg	7.88	0.311 J Z	0.371 J Z	5.59 U B	0.124 J Z	2.22 J Z	5.55 U B
2,3,4,6,7,8-HxCDF	ng/kg	1.80 J Z	5.52 U B	5.12 U B	5.59 U B	5.87 U B	0.521 J Z	5.55 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	22.3	0.852 J Z	1.06 J Z	5.59 U B	0.293 J Z	6.63	5.55 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.982 J Z	5.52 U B	0.316 J Z	5.59 U B	5.87 U B	1.20 J Z	5.55 U B
1,2,3,7,8,9-HxCDF	ng/kg	0.328 J Z	5.52 U B	5.12 U B	5.59 U B	5.87 U B	0.469 J Z	5.55 U B
Aroclor 1260	ug/kg	1.6 J Z	1.9 U	0.52 J Z	1.9 U	2.0 U	9.0 U	1.9 U
Aroclor 1254	ug/kg	1.8 U	1.9 U	0.86 J Z	1.9 U	2.0 U	9.0 U	1.9 U
Aroclor 1268	ug/kg	1.8 U	1.9 U	1.8 U	1.9 U	2.0 U	9.0 U	1.9 U
Aroclor 1221	ug/kg	1.8 U	1.9 U	1.8 U	1.9 U	2.0 U	9.0 U	1.9 U
Aroclor 5460	ug/kg	2.6 J Z	3.8 U	1.5 J Z	3.8 U	4.0 U	21	3.7 U
Aroclor 1232	ug/kg	1.8 U	1.9 U	1.8 U	1.9 U	2.0 U	9.0 U	1.9 U
Aroclor 5442	ug/kg	3.4 U	3.8 U	3.4 U	3.8 U	4.0 U	17 U	3.7 U
Aroclor 1248	ug/kg	1.8 U	1.9 U	1.8 U	1.9 U	2.0 U	9.0 U	1.9 U
Aroclor 1016	ug/kg	1.8 U	1.9 U	1.8 U	1.9 U	2.0 U	9.0 U	1.9 U
Aroclor 1262	ug/kg	1.8 U	1.9 U	1.8 U	1.9 U	2.0 U	9.0 U	1.9 U
Aroclor 1242	ug/kg	1.8 U	1.9 U	1.8 U	1.9 U	2.0 U	9.0 U	1.9 U
Aroclor 5432	ug/kg	3.4 U	3.8 U	3.4 U	3.8 U	4.0 U	17 U	3.7 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-181-SA5DN-SB-9.0-10.0 06/30/2011 DX107 9 10	SL-182-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5	SL-182-SA5DN-SB-4.0-5.0 06/30/2011 DX107 4 5	SL-182-SA5DN-SB-9.0-10.0 06/30/2011 DX107 9 10	SL-183-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5	SL-183-SA5DN-SB-4.0-5.0 07/28/2011 DX121 4 5	SL-183-SA5DN-SB-9.0-10.0 07/28/2011 DX121 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.19 U	1.05 U B	1.12 U	1.14 U	1.02 U	1.09 U	0.0112 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.96 U B	0.407 J Z	0.251 J Z	5.68 U B	0.835 J Z	5.45 U B	5.70 U B
OCDD	ng/kg	11.3 J Z	207	11.2 U B	11.4 U B	186	4.73 J FD, Z	11.4 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.96 U B	15.3	5.62 U B	5.68 U B	18.3	5.45 U B	5.70 U B
OCDF	ng/kg	11.9 U B	5.36 J Z	11.2 U B	11.4 U B	5.25 J Z	10.9 U B	11.4 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.96 U	5.23 U B	5.62 U	5.68 U	0.402 J Z	0.0161 J FD, Z	0.0677 J Z
1,2,3,7,8-PeCDD	ng/kg	0.0459 J Z	5.23 U B	5.62 U	0.0258 J Z	0.357 J Z	5.45 UJ B, FD	5.70 U B
2,3,7,8-TCDF	ng/kg	1.19 U	0.167 J Z	1.12 U	1.14 U	0.104 J Z	1.09 UJ FD	1.14 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.96 U B	5.23 U B	5.62 U B	5.68 U B	5.10 U B	5.45 U B	5.70 U B
2,3,4,7,8-PeCDF	ng/kg	5.96 U B	5.23 U B	5.62 U B	5.68 U B	5.10 U B	5.45 U B	5.70 U B
1,2,3,7,8-PeCDF	ng/kg	5.96 U B	5.23 U B	5.62 U B	5.68 U B	5.10 U B	5.45 U B	5.70 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.96 U B	0.132 J Z	5.62 U B	5.68 U B	0.254 J Z	5.45 UJ B, FD	0.0735 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.96 U B	0.566 J Z	5.62 U B	5.68 U B	1.19 J Z	5.45 UJ B, FD	5.70 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.96 U B	5.23 U B	5.62 U B	5.68 U B	0.270 J Z	5.45 UJ B, FD	5.70 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.96 U B	1.95 J Z	5.62 U B	5.68 U B	2.53 J Z	5.45 U B	5.70 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.96 U B	0.472 J Z	5.62 U B	5.68 U B	5.10 U B	5.45 U B	5.70 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.96 U	5.23 U B	0.423 J Z	5.68 U B	5.10 U B	5.45 UJ B, FD	5.70 U B
Aroclor 1260	ug/kg	2.0 U	0.83 J Z	2.0 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 1254	ug/kg	2.0 U	0.74 J Z	2.0 U	0.66 J Z	1.7 U	1.9 U	1.9 U
Aroclor 1268	ug/kg	2.0 U	1.8 U	2.0 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	2.0 U	1.8 U	2.0 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	3.9 U	2.7 J Z	3.8 U	3.9 U	3.4 U	3.7 U	3.8 U
Aroclor 1232	ug/kg	2.0 U	1.8 U	2.0 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	3.9 U	3.5 U	3.8 U	3.9 U	3.4 U	3.7 U	3.8 U
Aroclor 1248	ug/kg	2.0 U	1.8 U	2.0 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	2.0 U	1.8 U	2.0 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	2.0 U	1.8 U	2.0 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	2.0 U	1.8 U	2.0 U	2.0 U	1.7 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	3.9 U	3.5 U	3.8 U	3.9 U	3.4 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-184-SA5DN-SS-0.0-0.5 05/26/2011 DX093 0 0.5	SL-184-SA5DN-SB-4.0-5.0 06/30/2011 DX107 4 5	SL-184-SA5DN-SB-9.0-10.0 06/30/2011 DX107 9 10	SL-185-SA5DN-SS-0.0-0.5 05/24/2011 DX090 0 0.5	SL-185-SA5DN-SB-4.0-5.0 08/04/2011 DX124 4 5	SL-185-SA5DN-SB-9.0-10.0 08/04/2011 DX124 9 10	SL-186-SA5DN-SS-0.0-0.5 05/24/2011 DX088 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.03 U B	1.11 U	1.15 U	1.10 U	0.0159 J Z	1.14 U	1.14 U B, Z
1,2,3,7,8,9-HxCDD	ng/kg	0.264 J Z	0.324 J Z	5.75 U B	5.49 U B, Z	5.72 U B	5.71 U B	0.654 J Z
OCDD	ng/kg	81.9	44.7	11.5 U B	30	11.4 U B	2.94 J Z	416
1,2,3,4,6,7,8-HpCDD	ng/kg	6.28	4.24 J Z	5.75 U B	2.83 J Z	5.72 U B	5.71 U B	25.1
OCDF	ng/kg	2.26 J Z	11.1 U B	11.5 U B	11.0 U B, Z	11.4 U B	11.4 U B	9.12 J Z
1,2,3,4,7,8-HxCDD	ng/kg	5.17 U B	5.54 U B	5.75 U	5.49 U B, Z	5.72 U B	5.71 U	0.286 J Z
1,2,3,7,8-PeCDD	ng/kg	5.17 U B	0.105 J Z	0.0389 J Z	0.0480 J Z	5.72 U B	5.71 U B	0.323 J Z
2,3,7,8-TCDF	ng/kg	0.161 J Z	0.188 J Z	1.15 U	0.159 J Z	1.14 U	1.14 U B	0.672 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.17 U B	5.54 U B	5.75 U B	5.49 U B, Z	5.72 U B	5.71 U B	0.373 J Z
2,3,4,7,8-PeCDF	ng/kg	5.17 U B	0.666 J Z	5.75 U B	5.49 U B, Z	5.72 U B	5.71 U B	0.695 J Z
1,2,3,7,8-PeCDF	ng/kg	5.17 U B	0.204 J Z	5.75 U B	5.49 U B, Z	5.72 U B	5.71 U B	2.87 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.17 U B	5.54 U B	5.75 U B	5.49 U B, Z	5.72 U B	5.71 U B	0.500 J Z
1,2,3,6,7,8-HxCDD	ng/kg	0.318 J Z	0.297 J Z	5.75 U B	0.225 J Z	5.72 U B	5.71 U B	1.09 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.17 U B	5.54 U B	5.75 U B	5.49 U B, Z	5.72 U B	5.71 U B	0.372 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	0.898 J Z	5.54 U B	5.75 U B	5.49 U B, Z	5.72 U B	5.71 U B	3.13 J Z
1,2,3,4,7,8-HxCDF	ng/kg	0.374 J Z	5.54 U B	5.75 U B	0.249 J Z	5.72 U B	5.71 U B	1.36 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.17 U B	5.54 U B	5.75 U B	5.49 U B, Z	5.72 U B	5.71 U B	0.377 J Z
Aroclor 1260	ug/kg	1.8 U	1.9 U	2.0 U	0.87 J Z	1.9 U	1.9 U	3.7
Aroclor 1254	ug/kg	1.8 U	1.9 U	2.0 U	3.1	1.3 J Z	1.9 U	5.6
Aroclor 1268	ug/kg	1.8 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	1.8 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	3.2 J Z	3.8 U	3.9 U	4	3.8 U	3.8 U	2.1 J Z
Aroclor 1232	ug/kg	1.8 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	3.5 U	3.8 U	3.9 U	3.7 U	3.8 U	3.8 U	3.8 U
Aroclor 1248	ug/kg	1.8 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	1.8 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	1.8 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	1.8 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	3.5 U	3.8 U	3.9 U	3.7 U	3.8 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-186-SA5DN-SB-4.0-5.0 07/05/2011 DX107 4 5	SL-186-SA5DN-SB-9.0-10.0 07/05/2011 DX108 9 10	SL-187-SA5DN-SS-0.0-0.5 05/24/2011 DX088 0 0.5	SL-187-SA5DN-SB-4.0-5.0 06/30/2011 DX107 4 5	SL-187-SA5DN-SB-9.0-10.0 06/30/2011 DX107 9 10	SL-188-SA5DN-SS-0.0-0.5 05/24/2011 DX088 0 0.5	SL-188-SA5DN-SB-4.0-5.0 08/03/2011 DX124 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.16 U B	0.0136 J Z	1.24 U B, Z	1.12 U	1.14 U B	1.14 U	0.0952 J Z
1,2,3,7,8,9-HxCDD	ng/kg	0.224 J Z	5.71 U B	1.43 J Z	0.353 J Z	5.71 U B	0.630 J Z	0.152 J Z
OCDD	ng/kg	11.6 U B	11.4 U B	532	11.4	11.4 U B	60.1	11.5 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.80 U B	5.71 U B	56.3	5.59 U B	5.71 U B	5.49 J Z	5.73 U B
OCDF	ng/kg	11.6 U B	11.4 U B	13.4	11.2 U B	11.4 U B	2.57 J Z	11.5 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.80 U B	5.71 U B	0.760 J Z	5.59 U B	5.71 U B	0.148 J Z	0.154 J Z
1,2,3,7,8-PeCDD	ng/kg	5.80 U B	5.71 U	0.590 J Z	0.119 J Z	0.253 J Z	0.155 J Z	0.298 J Z
2,3,7,8-TCDF	ng/kg	0.0147 J Z	1.14 U	0.745 J Z	0.0310 J Z	0.0882 J Z	0.401 J Z	0.105 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.80 U B	5.71 U B	0.665 J Z	5.59 U B	5.71 U B	5.70 U B, Z	5.73 U B
2,3,4,7,8-PeCDF	ng/kg	5.80 U B	5.71 U B	1.12 J Z	5.59 U B	5.71 U B	0.502 J Z	0.339 J Z
1,2,3,7,8-PeCDF	ng/kg	5.80 U B	5.71 U B	1.75 J Z	0.207 J Z	0.288 J Z	0.993 J Z	0.352 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.80 U B	5.71 U B	0.792 J Z	5.59 U B	5.71 U B	5.70 U B, Z	0.214 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.80 U B	5.71 U B	2.39 J Z	5.59 U B	5.71 U B	0.583 J Z	0.170 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.80 U B	5.71 U B	0.583 J Z	5.59 U B	5.71 U B	5.70 U B, Z	0.147 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	5.80 U B	5.71 U B	6.99	5.59 U B	5.71 U B	1.20 J Z	5.73 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.80 U B	5.71 U B	0.716 J Z	5.59 U B	5.71 U B	5.70 U B, Z	0.263 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.80 U B	0.0775 J Z	0.667 J Z	0.478 J Z	5.71 U B	0.604 J Z	0.200 J Z
Aroclor 1260	ug/kg	2.0 U	1.9 U	2.3	1.9 U	2.0 U	1.8 J Z	2.0 U
Aroclor 1254	ug/kg	2.0 U	1.9 U	4.8	1.9 U	2.0 U	4.1	2.0 U
Aroclor 1268	ug/kg	2.0 U	1.9 U	2.2 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	1.9 U	2.2 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	3.8 U	3.8 U	2.6 J Z	3.8 U	3.9 U	1.7 J Z	3.8 U
Aroclor 1232	ug/kg	2.0 U	1.9 U	2.2 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	3.8 U	3.8 U	4.2 U	3.8 U	3.9 U	3.8 U	3.8 U
Aroclor 1248	ug/kg	2.0 U	1.9 U	2.2 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	1.9 U	2.2 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	1.9 U	2.2 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	1.9 U	2.2 U	1.9 U	2.0 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	3.8 U	3.8 U	4.2 U	3.8 U	3.9 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-188-SA5DN-SB-9.0-10.0 08/03/2011 DX124 9 10	SL-189-SA5DN-SS-0.0-0.5 05/24/2011 DX088 0 0.5	SL-189-SA5DN-SB-4.0-5.0 08/04/2011 DX124 4 5	SL-189-SA5DN-SB-9.0-10.0 08/04/2011 DX124 9 10	SL-190-SA5DN-SS-0.0-0.5 05/25/2011 DX090 0 0.5	SL-190-SA5DN-SB-4.0-5.0 07/06/2011 DX108 4 5	SL-190-SA5DN-SB-9.0-10.0 07/06/2011 DX108 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0764 J Z	1.17 U	1.05 UJ FD	0.0229 J Z	0.0209 J Z	1.15 U	0.0181 J Z
1,2,3,7,8,9-HxCDD	ng/kg	0.182 J Z	0.318 J Z	0.176 J Z	0.146 J Z	5.88 U B, Z	5.74 U B	5.79 U B
OCDD	ng/kg	6.68 J Z	44.4	2.91 J FD, Z	8.78 J Z	31.8	11.5 U B	11.6 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.57 U B	4.53 J Z	5.24 U B	1.36 J Z	3.75 J Z	5.74 U B	5.79 U B
OCDF	ng/kg	11.1 U B	2.23 J Z	10.5 U B	0.717 J Z	11.8 U B, Z	11.5 U B	11.6 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.57 U B	5.86 U B, Z	5.24 UJ B, FD	5.67 U B	5.88 U B, Z	5.74 U	5.79 U B
1,2,3,7,8-PeCDD	ng/kg	0.192 J Z	5.86 U B, Z	5.24 UJ B, FD	0.120 J Z	0.0792 J Z	5.74 U B	5.79 U B
2,3,7,8-TCDF	ng/kg	0.137 J Z	0.695 J Z	1.05 UJ B, FD	0.188 J Z	0.265 J Z	1.15 U	0.0268 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.57 U B	5.86 U B, Z	5.24 U B	5.67 U B	5.88 U B, Z	5.74 U B	5.79 U B
2,3,4,7,8-PeCDF	ng/kg	0.304 J Z	0.461 J Z	5.24 U B	0.237 J Z	0.322 J Z	5.74 U B	5.79 U B
1,2,3,7,8-PeCDF	ng/kg	0.431 J Z	0.709 J Z	0.231 J Z	0.643 J Z	5.88 U B, Z	5.74 U	5.79 U B
1,2,3,6,7,8-HxCDF	ng/kg	0.183 J Z	5.86 U B, Z	5.24 UJ B, FD	0.129 J Z	5.88 U B, Z	5.74 U B	5.79 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.153 J Z	0.248 J Z	5.24 U B	5.67 U B	0.225 J Z	5.74 U B	5.79 U B
2,3,4,6,7,8-HxCDF	ng/kg	0.121 J Z	5.86 U B, Z	5.24 U B	0.138 J Z	5.88 U B, Z	5.74 U B	5.79 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.57 U B	1.10 J Z	5.24 U B	5.67 U B	0.778 J Z	5.74 U B	5.79 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.239 J Z	1.09 J Z	5.24 U B	0.295 J Z	0.354 J Z	5.74 U B	5.79 U B
1,2,3,7,8,9-HxCDF	ng/kg	0.218 J Z	5.86 U B, Z	0.227 J Z	0.177 J Z	5.88 U B, Z	0.306 J Z	0.0905 J Z
Aroclor 1260	ug/kg	1.9 U	3.6 J Z	1.9 U	2.0 U	1.7 J Z	2.0 U	2.0 U
Aroclor 1254	ug/kg	1.9 U	7.0 J Z	1.2 J FD, Z	0.55 J Z	2.0 U	2.0 U	2.0 U
Aroclor 1268	ug/kg	1.9 U	10 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1221	ug/kg	1.9 U	10 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	3.8 U	19 U	3.6 U	3.8 U	3.9 U	3.8 U	3.9 U
Aroclor 1232	ug/kg	1.9 U	10 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	3.8 U	19 U	3.6 U	3.8 U	3.9 U	3.8 U	3.9 U
Aroclor 1248	ug/kg	1.9 U	10 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	1.9 U	10 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	1.9 U	10 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	1.9 U	10 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	3.8 U	19 U	3.6 U	3.8 U	3.9 U	3.8 U	3.9 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-191-SA5DN-SS-0.0-0.5 05/24/2011 DX088 0 0.5	SL-191-SA5DN-SB-4.0-5.0 07/06/2011 DX108 4 5	SL-191-SA5DN-SB-9.0-10.0 07/06/2011 DX108 9 10	SL-192-SA5DN-SS-0.0-0.5 05/24/2011 DX088 0 0.5	SL-192-SA5DN-SB-4.0-5.0 07/05/2011 DX107 4 5	SL-192-SA5DN-SB-9.0-10.0 07/05/2011 DX108 9 10	SL-193-SA5DN-SS-0.0-0.5 05/24/2011 DX088 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.09 U B, Z	0.0619 J Z	0.127 J Z	1.22 U	1.16 U	0.0131 J Z	1.07 U B, Z
1,2,3,7,8,9-HxCDD	ng/kg	2.35 J Z	0.497 J Z	5.82 U B	0.714 J Z	5.79 U B	5.75 U B	1.29 J Z
OCDD	ng/kg	1040	11.4 U B	9.64 J Z	259	11.6 U B	11.5 U B	556
1,2,3,4,6,7,8-HpCDD	ng/kg	106	5.70 U B	5.82 U B	19.8	5.79 U B	5.75 U B	54.1
OCDF	ng/kg	36	11.4 U B	11.6 U B	6.14 J Z	11.6 U B	11.5 U B	20.1
1,2,3,4,7,8-HxCDD	ng/kg	0.946 J Z	0.148 J Z	5.82 U B	0.318 J Z	5.79 U B	5.75 U B	0.551 J Z
1,2,3,7,8-PeCDD	ng/kg	0.584 J Z	5.70 U B	0.272 J Z	0.274 J Z	5.79 U B	5.75 U B	0.346 J Z
2,3,7,8-TCDF	ng/kg	1/19/2012	0.0571 J Z	0.105 J Z	0.281 J Z	0.0208 J Z	0.0138 J Z	1/13/2012
1,2,3,4,7,8,9-HpCDF	ng/kg	1.82 J Z	5.70 U B	5.82 U B	6.11 U B, Z	5.79 U B	5.75 U B	0.944 J Z
2,3,4,7,8-PeCDF	ng/kg	0.774 J Z	5.70 U B	5.82 U B	0.470 J Z	5.79 U B	5.75 U B	1.01 J Z
1,2,3,7,8-PeCDF	ng/kg	0.288 J Z	0.382 J Z	0.436 J Z	0.238 J Z	5.79 U B	5.75 U B	0.829 J Z
1,2,3,6,7,8-HxCDF	ng/kg	1.20 J Z	5.70 U B	5.82 U B	6.11 U B, Z	5.79 U B	5.75 U B	0.704 J Z
1,2,3,6,7,8-HxCDD	ng/kg	4.40 J Z	0.308 J Z	0.177 J Z	1.00 J Z	5.79 U B	5.75 U B	2.40 J Z
2,3,4,6,7,8-HxCDF	ng/kg	1.34 J Z	5.70 U B	5.82 U B	6.11 U B, Z	5.79 U B	5.75 U B	0.948 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	16	5.70 U B	5.82 U B	2.80 J Z	5.79 U B	5.75 U B	8.32
1,2,3,4,7,8-HxCDF	ng/kg	3.19 J Z	5.70 U B	5.82 U B	0.693 J Z	5.79 U B	5.75 U B	2.39 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.459 J Z	0.624 J Z	0.213 J Z	0.426 J Z	5.79 U B	0.159 J Z	0.386 J Z
Aroclor 1260	ug/kg	11	2.0 U	2.0 U	1.1 J Z	2.0 U	2.0 U	4.1 J Z
Aroclor 1254	ug/kg	20	2.0 U	2.0 U	1.8 J Z	2.0 U	2.0 U	9.3 U
Aroclor 1268	ug/kg	9.3 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	9.3 U
Aroclor 1221	ug/kg	9.3 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	9.3 U
Aroclor 5460	ug/kg	10 J Z	3.8 U	3.9 U	1.4 J Z	3.8 U	3.9 U	18 U
Aroclor 1232	ug/kg	9.3 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	9.3 U
Aroclor 5442	ug/kg	18 U	3.8 U	3.9 U	4.1 U	3.8 U	3.9 U	18 U
Aroclor 1248	ug/kg	9.3 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	9.3 U
Aroclor 1016	ug/kg	9.3 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	9.3 U
Aroclor 1262	ug/kg	9.3 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	9.3 U
Aroclor 1242	ug/kg	9.3 U	2.0 U	2.0 U	2.1 U	2.0 U	2.0 U	9.3 U
Aroclor 5432	ug/kg	18 U	3.8 U	3.9 U	4.1 U	3.8 U	3.9 U	18 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-193-SA5DN-SB-4.0-5.0 08/03/2011 DX124 4 5	SL-193-SA5DN-SB-9.0-10.0 08/03/2011 DX124 9 10	SL-194-SA5DN-SS-0.0-0.5 05/24/2011 DX088 0 0.5	SL-194-SA5DN-SB-4.0-5.0 07/05/2011 DX107 4 5	SL-194-SA5DN-SB-9.0-10.0 07/05/2011 DX107 9 10	SL-195-SA5DN-SS-0.0-0.5 05/24/2011 DX088 0 0.5	SL-195-SA5DN-SB-4.0-5.0 07/05/2011 DX107 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0357 J Z	1.11 U	1.24 U B, Z	1.13 U B	1.17 U B	0.124 J Z	1.13 U
1,2,3,7,8,9-HxCDD	ng/kg	0.307 J Z	0.127 J Z	0.699 J Z	5.66 U B	5.84 U B	4.72 J Z	5.67 U B
OCDD	ng/kg	154	49.1	105	15.5	7.18 J Z	1940	11.3 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	14.4	5.16 J Z	10.4	5.66 U B	5.84 U B	194	5.67 U B
OCDF	ng/kg	8.65 J Z	2.12 J Z	3.01 J Z	11.3 U B	11.7 U B	64	11.3 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.141 J Z	5.57 U B	0.181 J Z	5.66 U B	5.84 U	2.14 J Z	5.67 U B
1,2,3,7,8-PeCDD	ng/kg	0.150 J Z	5.57 U B	0.182 J Z	0.143 J Z	5.84 U B	1.07 J Z	5.67 U
2,3,7,8-TCDF	ng/kg	0.167 J Z	1.11 U	0.302 J Z	0.0540 J Z	1.17 U	2.44 Z	1.13 U
1,2,3,4,7,8,9-HpCDF	ng/kg	0.357 J Z	5.57 U B	6.19 U B, Z	5.66 U B	5.84 U B	2.97 J Z	5.67 U B
2,3,4,7,8-PeCDF	ng/kg	0.403 J Z	5.57 U B	0.389 J Z	5.66 U B	5.84 U B	1.80 J Z	5.67 U B
1,2,3,7,8-PeCDF	ng/kg	0.588 J Z	0.136 J Z	0.451 J Z	5.66 U B	5.84 U B	3.98 J Z	5.67 U B
1,2,3,6,7,8-HxCDF	ng/kg	0.208 J Z	5.57 U B	0.294 J Z	5.66 U B	5.84 U B	1.68 J Z	5.67 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.542 J Z	0.220 J Z	0.781 J Z	5.66 U B	5.84 U B	8.82	0.129 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.268 J Z	5.57 U B	6.19 U B, Z	5.66 U B	5.84 U B	2.33 J Z	5.67 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	2.81 J Z	0.806 J Z	1.49 J Z	5.66 U B	5.84 U B	26.6	5.67 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.313 J Z	0.153 J Z	0.592 J Z	5.66 U B	5.84 U B	4.04 J Z	5.67 U B
1,2,3,7,8,9-HxCDF	ng/kg	0.161 J Z	5.57 U B	0.599 J Z	0.312 J Z	5.84 U B	0.745 J Z	5.67 U B
Aroclor 1260	ug/kg	1.9 U	9.8 U	0.66 J Z	2.0 U	2.0 U	13	2.0 U
Aroclor 1254	ug/kg	2.1	52	1.1 J Z	2.0 U	2.0 U	40	2.0 U
Aroclor 1268	ug/kg	1.9 U	9.8 U	2.1 U	2.0 U	2.0 U	11 U	2.0 U
Aroclor 1221	ug/kg	1.9 U	9.8 U	2.1 U	2.0 U	2.0 U	11 U	2.0 U
Aroclor 5460	ug/kg	3.7 U	19 U	4.1 U	3.8 U	3.9 U	11 J Z	3.9 U
Aroclor 1232	ug/kg	1.9 U	9.8 U	2.1 U	2.0 U	2.0 U	11 U	2.0 U
Aroclor 5442	ug/kg	3.7 U	19 U	4.1 U	3.8 U	3.9 U	21 U	3.9 U
Aroclor 1248	ug/kg	1.9 U	9.8 U	2.1 U	2.0 U	2.0 U	11 U	2.0 U
Aroclor 1016	ug/kg	1.9 U	9.8 U	2.1 U	2.0 U	2.0 U	11 U	2.0 U
Aroclor 1262	ug/kg	1.9 U	9.8 U	2.1 U	2.0 U	2.0 U	11 U	2.0 U
Aroclor 1242	ug/kg	1.9 U	9.8 U	2.1 U	2.0 U	2.0 U	11 U	2.0 U
Aroclor 5432	ug/kg	3.7 U	19 U	4.1 U	3.8 U	3.9 U	21 U	3.9 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-195-SA5DN-SB-9.0-10.0 07/05/2011 DX107 9 10	SL-196-SA5DN-SS-0.0-0.5 05/24/2011 DX088 0 0.5	SL-196-SA5DN-SB-4.0-5.0 06/30/2011 DX107 4 5	SL-196-SA5DN-SB-9.0-10.0 06/30/2011 DX107 9 10	SL-197-SA5DN-SS-0.0-0.5 05/24/2011 DX088 0 0.5	SL-197-SA5DN-SB-4.0-5.0 06/30/2011 DX107 4 5	SL-197-SA5DN-SB-9.0-10.0 06/30/2011 DX107 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.16 U B	0.0330 J Z	1.12 U B	1.11 U	1.15 U B, Z	1.12 U	1.16 U
1,2,3,7,8,9-HxCDD	ng/kg	5.79 U B	0.938 J Z	0.340 J Z	5.57 U B	1.53 J Z	0.301 J Z	5.78 U B
OCDD	ng/kg	13.1	266	11.2 U B	11.1 U B	339	11.2 U B	11.6 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.79 U B	22	5.62 U B	5.57 U B	34	5.62 U B	5.78 U B
OCDF	ng/kg	11.6 U B	10.5 J Z	11.2 U B	11.1 U B	11.5	11.2 U B	11.6 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.79 U	0.261 J Z	5.62 U B	5.57 U B	0.425 J Z	5.62 U B	5.78 U
1,2,3,7,8-PeCDD	ng/kg	0.0262 J Z	0.202 J Z	0.138 J Z	0.0441 J Z	0.377 J Z	0.0414 J Z	5.78 U
2,3,7,8-TCDF	ng/kg	1.16 U	0.338 J Z	0.0345 J Z	1.11 U	0.455 J Z	1.12 U	1.16 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.79 U	5.74 U B, Z	5.62 U B	5.57 U B	0.442 J Z	5.62 U B	5.78 U B
2,3,4,7,8-PeCDF	ng/kg	5.79 U B	0.459 J Z	5.62 U B	5.57 U B	0.494 J Z	5.62 U B	5.78 U B
1,2,3,7,8-PeCDF	ng/kg	5.79 U B	0.357 J Z	0.183 J Z	5.57 U B	0.704 J Z	5.62 U B	5.78 U
1,2,3,6,7,8-HxCDF	ng/kg	5.79 U B	5.74 U B, Z	5.62 U B	5.57 U B	0.483 J Z	5.62 U B	5.78 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.79 U B	1.04 J Z	5.62 U B	5.57 U B	1.74 J Z	5.62 U B	5.78 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.79 U B	5.74 U B, Z	5.62 U B	5.57 U B	0.551 J Z	5.62 U B	5.78 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.79 U B	3.52 J Z	5.62 U B	5.57 U B	5.59 J Z	5.62 U B	5.78 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.79 U B	0.572 J Z	5.62 U B	5.57 U B	1.11 J Z	5.62 U B	5.78 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.79 U B	0.791 J Z	0.413 J Z	5.57 U B	0.845 J Z	0.276 J Z	5.78 U B
Aroclor 1260	ug/kg	2.1 U	20 U	1.9 U	2.0 U	2.3 J S	2.0 U	2.0 U
Aroclor 1254	ug/kg	0.59 J L, Z	20 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1268	ug/kg	2.1 U	20 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1221	ug/kg	2.1 U	20 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 5460	ug/kg	4.0 U	38 U	3.8 U	3.8 U	3.6 J S, Z	3.9 U	4.0 U
Aroclor 1232	ug/kg	2.1 U	20 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 5442	ug/kg	4.0 U	38 U	3.8 U	3.8 U	3.8 U	3.9 U	4.0 U
Aroclor 1248	ug/kg	2.1 U	20 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1016	ug/kg	2.1 U	20 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1262	ug/kg	2.1 U	20 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 1242	ug/kg	2.1 U	20 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor 5432	ug/kg	4.0 U	38 U	3.8 U	3.8 U	3.8 U	3.9 U	4.0 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-198-SA5DN-SS-0.0-0.5 05/24/2011 DX088 0 0.5	SL-198-SA5DN-SB-4.0-5.0 08/05/2011 DX125 4 5	SL-198-SA5DN-SB-9.0-10.0 08/05/2011 DX125 9 10	SL-199-SA5DN-SS-0.0-0.5 05/25/2011 DX090 0 0.5	SL-199-SA5DN-SB-4.0-5.0 07/11/2011 DX110 4 5	SL-199-SA5DN-SB-9.0-10.0 07/11/2011 DX110 9 10	SL-200-SA5DN-SS-0.0-0.5 05/25/2011 DX091 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.10 U	1.16 U	1.07 U	0.0836 J Z	1.16 U	1.11 U	1.14 U B
1,2,3,7,8,9-HxCDD	ng/kg	6.42	0.882 J Z	0.194 J Z	2.53 J Z	0.438 J Z	5.57 U B	0.187 J Z
OCDD	ng/kg	2250	117	71.7	1270	11.6 U B	11.1 U B	24.9
1,2,3,4,6,7,8-HpCDD	ng/kg	243	11.8	7.25	126	5.79 U B	5.57 U B	2.70 J Z
OCDF	ng/kg	106	5.79 J Z	4.33 J Z	51	11.6 U B	11.1 U B	11.4 U B
1,2,3,4,7,8-HxCDD	ng/kg	3.10 J Z	5.80 U B	5.33 U	1.15 J Z	5.79 U B	5.57 U	5.69 U B
1,2,3,7,8-PeCDD	ng/kg	1.06 J Z	0.130 J Z	5.33 U	0.570 J Z	5.79 U B	5.57 U	5.69 U B
2,3,7,8-TCDF	ng/kg	1.36 Z	0.143 J Z	1.07 U	4.39 Z	1.16 U	1.11 U	0.216 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	3.64 J Z	5.80 U B	5.33 U B	1.83 J Z	5.79 U	5.57 U B	5.69 U B
2,3,4,7,8-PeCDF	ng/kg	1.73 J Z	5.80 U B	5.33 U B	2.42 J Z	5.79 U B	5.57 U B	0.300 J Z
1,2,3,7,8-PeCDF	ng/kg	1.07 J Z	0.752 J Z	5.33 U	1.96 J Z	0.145 J Z	0.0345 J Z	0.231 J Z
1,2,3,6,7,8-HxCDF	ng/kg	1.98 J Z	0.147 J Z	0.0874 J Z	1.11 J Z	5.79 U B	5.57 U B	5.69 U B
1,2,3,6,7,8-HxCDD	ng/kg	7.42	0.636 J Z	0.200 J Z	4.42 J Z	5.79 U B	5.57 U B	5.69 U B
2,3,4,6,7,8-HxCDF	ng/kg	2.81 J Z	0.140 J Z	0.145 J Z	1.50 J Z	5.79 U B	5.57 U B	5.69 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	41.7	2.13 J Z	1.34 J Z	22.3	5.79 U B	5.57 U B	5.69 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.94	0.211 J Z	0.0875 J Z	0.929 J Z	5.79 U B	5.57 U B	5.69 U B
1,2,3,7,8,9-HxCDF	ng/kg	0.662 J Z	0.982 J Z	5.33 U	0.723 J Z	0.538 J Z	5.57 U	5.69 U B
Aroclor 1260	ug/kg	170 J Z	3.3	2.6	9.3 U	2.0 U	1.9 U	1.1 J Z
Aroclor 1254	ug/kg	190 U	2.8	2.2	75	2.0 U	1.9 U	2.0 U
Aroclor 1268	ug/kg	190 U	2.0 U	1.9 U	9.3 U	2.0 U	1.9 U	2.0 U
Aroclor 1221	ug/kg	190 U	2.0 U	1.9 U	9.3 U	2.0 U	1.9 U	2.0 U
Aroclor 5460	ug/kg	360 U	3.3 J Z	3.7 U	18 U	3.9 U	3.7 U	3.8 U
Aroclor 1232	ug/kg	190 U	2.0 U	1.9 U	9.3 U	2.0 U	1.9 U	2.0 U
Aroclor 5442	ug/kg	360 U	3.8 U	3.7 U	18 U	3.9 U	3.7 U	3.8 U
Aroclor 1248	ug/kg	190 U	2.0 U	1.9 U	9.3 U	2.0 U	1.9 U	2.0 U
Aroclor 1016	ug/kg	190 U	2.0 U	1.9 U	9.3 U	2.0 U	1.9 U	2.0 U
Aroclor 1262	ug/kg	190 U	2.0 U	1.9 U	9.3 U	2.0 U	1.9 U	2.0 U
Aroclor 1242	ug/kg	190 U	2.0 U	1.9 U	9.3 U	2.0 U	1.9 U	2.0 U
Aroclor 5432	ug/kg	360 U	3.8 U	3.7 U	18 U	3.9 U	3.7 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-200-SA5DN-SB-4.0-5.0 07/06/2011 DX108 4 5	SL-200-SA5DN-SB-9.0-10.0 07/06/2011 DX108 9 10	SL-201-SA5DN-SS-0.0-0.5 05/25/2011 DX091 0 0.5	SL-201-SA5DN-SB-4.0-5.0 07/06/2011 DX108 4 5	SL-201-SA5DN-SB-9.0-10.0 07/06/2011 DX108 9 10	SL-202-SA5DN-SS-0.0-0.5 05/18/2011 DX084 0 0.5	SL-202-SA5DN-SB-4.0-5.0 06/13/2011 DX102 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.0682 J FD, Z	0.0280 J Z	1.16 UJ FD	1.17 U	1.16 U	1.12 U B, Z	1.20 U
1,2,3,7,8,9-HxCDD	ng/kg	5.53 U B	5.81 U B	0.220 J Z	5.83 U B	5.81 U B	1.01 J Z	5.99 U B
OCDD	ng/kg	11.1 U B	11.6 U B	31.5	11.7 U B	11.6 U B	956	8.40 J Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.53 U B	5.81 U B	3.71 J Z	5.83 U B	5.81 U B	48.7	5.99 U B
OCDF	ng/kg	11.1 UJ B, FD	11.6 U B	11.6 U B	11.7 U B	11.6 U B	14.3	12.0 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.53 U B	5.81 U B	5.81 U B	5.83 U B	5.81 U	0.334 J Z	5.99 U
1,2,3,7,8-PeCDD	ng/kg	5.53 U B	5.81 U B	5.81 U B	5.83 U B	5.81 U B	5.60 U B, Z	5.99 U
2,3,7,8-TCDF	ng/kg	0.0390 J Z	0.0182 J Z	0.654 J Z	1.17 U	1.16 U	0.191 J Z	1.20 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.53 UJ B, FD	5.81 U B	5.81 U B	5.83 U B	5.81 U B	5.60 U B, Z	5.99 U
2,3,4,7,8-PeCDF	ng/kg	5.53 U B	5.81 U B	0.634 J Z	5.83 U B	5.81 U B	5.60 U	5.99 U
1,2,3,7,8-PeCDF	ng/kg	0.191 J Z	5.81 U B	0.948 J FD, Z	5.83 U B	5.81 U B	5.60 U	5.99 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.53 U B	5.81 U B	5.81 U B	5.83 U B	5.81 U B	0.372 J Z	5.99 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.53 U B	5.81 U B	0.237 J Z	5.83 U B	5.81 U B	1.87 J Z	5.99 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.53 U B	5.81 U B	5.81 U B	5.83 U B	5.81 U B	5.60 U B, Z	5.99 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.53 U B	5.81 U B	0.831 J Z	5.83 U B	5.81 U B	3.91 J Z	5.99 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.53 U B	5.81 U B	0.743 J Z	5.83 U B	5.81 U B	0.620 J Z	5.99 U B
1,2,3,7,8,9-HxCDF	ng/kg	0.349 J Z	0.158 J Z	5.81 U B	0.231 J Z	0.0367 J Z	0.734 J Z	5.99 U B
Aroclor 1260	ug/kg	2.0 U	2.0 U	2.3	2.0 U	2.0 U	6.4	2.1 U
Aroclor 1254	ug/kg	2.0 U	2.0 U	3.1	2.0 U	2.0 U	1.9 U	2.1 U
Aroclor 1268	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.1 U
Aroclor 1221	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.1 U
Aroclor 5460	ug/kg	3.8 U	3.9 U	3.9 U	3.8 U	3.9 U	5.4	4.0 U
Aroclor 1232	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.1 U
Aroclor 5442	ug/kg	3.8 U	3.9 U	3.9 U	3.8 U	3.9 U	3.7 U	4.0 U
Aroclor 1248	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.1 U
Aroclor 1016	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.1 U
Aroclor 1262	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.1 U
Aroclor 1242	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	2.1 U
Aroclor 5432	ug/kg	3.8 U	3.9 U	3.9 U	3.8 U	3.9 U	3.7 U	4.0 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-202-SA5DN-SB-9.0-10.0 06/13/2011 DX102 9 10	SL-203-SA5DN-SS-0.0-0.5 05/24/2011 DX089 0 0.5	SL-203-SA5DN-SB-4.0-5.0 06/30/2011 DX107 4 5	SL-203-SA5DN-SB-9.0-10.0 06/30/2011 DX107 9 10	SL-204-SA5DN-SS-0.0-0.5 05/24/2011 DX089 0 0.5	SL-204-SA5DN-SB-4.0-5.0 08/04/2011 DX124 4 5	SL-204-SA5DN-SB-9.0-10.0 08/04/2011 DX124 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.15 U B	0.0509 J Z	1.15 U	1.15 U	1.15 U	0.0495 J Z	0.0436 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.77 U B	1.49 J Z	0.307 J Z	5.75 U B	0.388 J Z	0.437 J Z	0.233 J Z
OCDD	ng/kg	5.76 J Z	345	11.5 U B	11.5 U B	23.1	35	4.26 J Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.77 U B	31.9	5.74 U B	5.75 U B	2.54 J Z	3.02 J Z	5.85 U B
OCDF	ng/kg	11.5 U B	14.1	11.5 U B	11.5 U B	11.5 U B, Z	1.52 J Z	11.7 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.77 U B	0.572 J Z	5.74 U B	5.75 U	5.75 U B, Z	5.51 U B	5.85 U B
1,2,3,7,8-PeCDD	ng/kg	5.77 U B	0.389 J Z	0.0498 J Z	0.0295 J Z	5.75 U B, Z	0.173 J Z	0.154 J Z
2,3,7,8-TCDF	ng/kg	1.15 U B	0.918 J Z	1.15 U	1.15 U	1.15 U B, Z	0.171 J Z	1.17 U B
1,2,3,4,7,8,9-HpCDF	ng/kg	5.77 U B	0.530 J Z	5.74 U B	5.75 U B	5.75 U B, Z	5.51 U B	5.85 U B
2,3,4,7,8-PeCDF	ng/kg	5.77 U B	0.766 J Z	5.74 U B	5.75 U B	5.75 U B, Z	0.394 J Z	5.85 U B
1,2,3,7,8-PeCDF	ng/kg	0.244 J Z	2.26 J Z	5.74 U B	5.75 U B	0.285 J Z	0.516 J Z	0.248 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.77 U B	0.570 J Z	5.74 U B	5.75 U B	5.75 U B, Z	0.165 J Z	0.104 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.77 U B	1.93 J Z	5.74 U B	5.75 U B	0.300 J Z	0.291 J Z	0.146 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.77 U B	0.469 J Z	5.74 U B	5.75 U B	5.75 U B, Z	0.168 J Z	5.85 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.77 U B	5.53 J Z	5.74 U B	5.75 U B	5.75 U B, Z	0.600 J Z	5.85 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.77 U B	1.85 J Z	5.74 U	5.75 U B	5.75 U B, Z	0.453 J Z	0.150 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.77 U B	1.14 J Z	0.414 J Z	5.75 U B	0.373 J Z	0.404 J Z	0.311 J Z
Aroclor 1260	ug/kg	2.0 U	40 U	2.0 U	2.0 U	2.0 U	0.50 J Z	2.0 U
Aroclor 1254	ug/kg	2.0 U	40 U	2.0 U	2.0 U	2.0 U	1.9 U	0.65 J Z
Aroclor 1268	ug/kg	2.0 U	40 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1221	ug/kg	2.0 U	40 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 5460	ug/kg	3.9 U	78 U	3.9 U	3.8 U	3.9 U	3.6 U	3.8 U
Aroclor 1232	ug/kg	2.0 U	40 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 5442	ug/kg	3.9 U	78 U	3.9 U	3.8 U	3.9 U	3.6 U	3.8 U
Aroclor 1248	ug/kg	2.0 U	40 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1016	ug/kg	2.0 U	40 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1262	ug/kg	2.0 U	40 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 1242	ug/kg	2.0 U	40 U	2.0 U	2.0 U	2.0 U	1.9 U	2.0 U
Aroclor 5432	ug/kg	3.9 U	78 U	3.9 U	3.8 U	3.9 U	3.6 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-205-SA5DN-SS-0.0-0.5 05/25/2011 DX091 0 0.5	SL-205-SA5DN-SB-4.0-5.0 07/06/2011 DX108 4 5	SL-205-SA5DN-SB-9.0-10.0 07/06/2011 DX108 9 10	SL-206-SA5DN-SS-0.0-0.5 05/17/2011 DX082 0 0.5	SL-206-SA5DN-SB-4.0-5.0 05/19/2011 DX083 4 5	SL-207-SA5DN-SS-0.0-0.5 06/03/2011 DX098 0 0.5	SL-207-SA5DN-SB-4.0-5.0 08/11/2011 DX127 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.16 U	1.14 U	1.16 U	0.455 J Z	1.14 U	0.371 J Z	1.13 U
1,2,3,7,8,9-HxCDD	ng/kg	0.360 J Z	5.69 U B	5.79 U B	8.87	5.72 U B, Z	1.35 J Z	5.66 U B
OCDD	ng/kg	37.1	11.4 U B	11.6 U B	3500	6.22 J Z	165	11.3 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	4.33 J Z	5.69 U B	5.79 U B	207	5.72 U B, Z	15.1	5.66 U B
OCDF	ng/kg	2.59 J Z	11.4 U B	11.6 U B	46.8	11.4 U B, Z	6.73 J Z	11.3 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.221 J Z	5.69 U	5.79 U B	3.69 J Z	5.72 U B, Z	0.260 J Z	5.66 U B
1,2,3,7,8-PeCDD	ng/kg	5.82 U B	5.69 U B	5.79 U B	2.15 J Z	5.72 U B, Z	2.17 J Z	0.180 J Z
2,3,7,8-TCDF	ng/kg	0.545 J Z	0.0117 J Z	0.0210 J Z	0.320 J Z	1.14 U	4.78 Z	0.105 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.82 U B	5.69 U B	5.79 U B	0.860 J Z	5.72 U B, Z	0.624 J Z	5.66 U B
2,3,4,7,8-PeCDF	ng/kg	0.701 J Z	5.69 U B	5.79 U B	5.61 U B, Z	5.72 U B, Z	4.12 J Z	5.66 U B
1,2,3,7,8-PeCDF	ng/kg	0.256 J Z	5.69 U B	5.79 U B	0.450 J Z	5.72 U B, Z	4.47 J Z	0.218 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.288 J Z	5.69 U B	5.79 U B	0.890 J Z	5.72 U B, Z	1.32 J Z	5.66 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.395 J Z	5.69 U B	5.79 U B	8.19	5.72 U B, Z	1.15 J Z	0.106 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.373 J Z	5.69 U B	5.79 U B	0.823 J Z	5.72 U B, Z	1.28 J Z	0.0740 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	1.26 J Z	5.69 U B	5.79 U B	14.9	5.72 U B, Z	4.06 J Z	5.66 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.891 J Z	5.69 U B	5.79 U B	1.40 J Z	5.72 U B, Z	25.9	5.66 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.82 U B	0.434 J Z	0.0910 J Z	1.05 J Z	5.72 U B, Z	1.33 J Z	5.66 U B
Aroclor 1260	ug/kg	3.0 J Z	2.0 U	2.0 U	1.4 J Z	2.0 U	300 J C	1.9 U
Aroclor 1254	ug/kg	3.5 J Z	2.0 U	2.0 U	1.9 U	2.0 U	37 UJ C	1.9 U
Aroclor 1268	ug/kg	4.0 U	2.0 U	2.0 U	1.9 U	2.0 U	37 U	1.9 U
Aroclor 1221	ug/kg	4.0 U	2.0 U	2.0 U	1.9 U	2.0 U	37 U	1.9 U
Aroclor 5460	ug/kg	7.7 U	3.8 U	3.9 U	6.7	3.8 U	71 U	3.8 U
Aroclor 1232	ug/kg	4.0 U	2.0 U	2.0 U	1.9 U	2.0 U	37 U	1.9 U
Aroclor 5442	ug/kg	7.7 U	3.8 U	3.9 U	3.8 U	3.8 U	71 U	3.8 U
Aroclor 1248	ug/kg	4.0 U	2.0 U	2.0 U	1.9 U	2.0 U	37 UJ C	1.9 U
Aroclor 1016	ug/kg	4.0 U	2.0 U	2.0 U	1.9 U	2.0 U	37 U	1.9 U
Aroclor 1262	ug/kg	4.0 U	2.0 U	2.0 U	1.9 U	2.0 U	37 U	1.9 U
Aroclor 1242	ug/kg	4.0 U	2.0 U	2.0 U	1.9 U	2.0 U	37 UJ C	1.9 U
Aroclor 5432	ug/kg	7.7 U	3.8 U	3.9 U	3.8 U	3.8 U	71 U	3.8 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-002-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-004-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-005-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-006-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-008-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-009-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	2.0 U	1.8 U	2.2 U
Dicamba	ug/kg	1.4 U	1.3 U	1.3 U	1.4 U	1.4 U	1.3 U	1.6 U
2,2-Dichlor-Propionic Acid	ug/kg	10 U	9.4 U	9.8 U	10 U	11 U	9.7 U	12 U
Dinitrobutyl Phenol	ug/kg	2.7 U	2.5 U	2.6 U	2.7 U	2.9 U	2.6 U	3.1 U
MCP	ug/kg	290 U	260 U	270 U	280 U	300 U	270 U	330 U
2,4,5-TP	ug/kg	0.19 U	0.12 J Z	0.19 U	0.19 U	0.20 U	0.18 U	0.22 U
2,4,5-T	ug/kg	0.19 U	0.18 U	0.19 U	0.19 U	0.20 U	0.18 U	0.22 U
MCPA	ug/kg	800 U	530	270 U	1500	360 U	420	200 J Z
2,4-D	ug/kg	4.1 U	3.8 U	3.9 U	4.1 U	4.3 U	3.9 U	4.7 U
2,4 DB	ug/kg	2.4 U	1.8 U	2.9	2.8 U	2.5 U	1.8 U	2.2 U
Toxaphene	ug/kg	7.5 U	6.9 U	7.2 U	7.5 U	7.9 UJ S	7.1 U	8.7 U
Heptachlor Epoxide	ug/kg	0.19 U	0.17 U	0.18 U	0.19 U	0.20 UJ S	0.18 U	0.22 U
Endosulfan Sulfate	ug/kg	0.39 U	0.36 U	0.37 U	0.39 U	0.41 UJ S	0.37 U	0.45 U
Mirex	ug/kg	0.39 U	0.36 U	0.39 U	0.77 U	0.41 UJ S	0.37 U	0.45 U
Aldrin	ug/kg	0.19 U	0.17 U	0.18 U	0.19 U	0.20 UJ S	0.18 U	0.22 U
Alpha-BHC	ug/kg	0.19 U	0.17 U	0.18 U	0.19 U	0.20 UJ S	0.18 U	0.22 U
Beta-BHC	ug/kg	0.19 U	0.17 U	0.18 U	0.19 U	0.20 UJ S	0.18 U	0.23 J Q
Delta-BHC	ug/kg	0.043 J Z	0.17 U	0.18 U	0.060 J Z	0.20 UJ S	0.18 U	0.13 J Z
Endosulfan II	ug/kg	0.39 U	0.36 U	0.37 U	0.39 U	0.41 UJ S	0.40 UJ L	0.45 UJ L
4,4'-DDT	ug/kg	0.59 U	0.77 U	0.37 U	1.3 J L	3.0 J S, L	1.5	1.8 J Q
Endrin Ketone	ug/kg	0.39 U	0.36 U	0.37 U	0.39 U	0.41 UJ S	0.37 U	0.45 U
Chlordane	ug/kg	2.7 J Z	1.6 J Z	3.7 U	4	2.1 J S, Z	3.7 U	4.5 U
Gamma-BHC (Lindane)	ug/kg	0.19 U	0.17 U	0.18 U	0.056 J Z	0.20 UJ S	0.18 U	0.22 U
Dieldrin	ug/kg	0.39 U	0.36 U	0.37 U	0.39 U	0.41 UJ S	0.45 U	0.45 U
Endrin	ug/kg	0.39 U	0.36 U	0.37 U	0.12 J Z	0.41 UJ S	0.37 U	0.45 R Q
Methoxychlor	ug/kg	1.9 U	1.7 U	1.8 U	1.9 U	2.0 UJ S	1.8 U	2.2 U
4,4'-DDD	ug/kg	0.39 U	0.36 U	0.38 U	0.39 U	0.41 UJ S	0.37 U	0.45 U
4,4'-DDE	ug/kg	0.79	0.36 U	0.37 U	1.0 U	0.58 J S	0.37 U	0.47 J Q
Endrin Aldehyde	ug/kg	0.39 U	0.36 U	0.37 U	0.39 U	0.41 UJ S	0.37 U	0.45 U
Heptachlor	ug/kg	0.19 U	0.17 U	0.18 U	0.19 U	0.20 UJ S	0.18 U	0.22 U
Endosulfan I	ug/kg	0.19 U	0.17 U	0.18 U	0.33	0.20 UJ S	0.18 U	0.22 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-010-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-011-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-012-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-013-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-014-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-015-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-016-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.7 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Dicamba	ug/kg	1.2 U	1.3 U	1.3 U	1.2 U	1.3 U	1.4 U	1.3 U
2,2-Dichlor-Propionic Acid	ug/kg	9.1 U	10 U	10 U	9.3 U	9.9 U	10 U	10 U
Dinitrobutyl Phenol	ug/kg	2.4 U	2.7 U	2.7 U	2.5 U	2.6 U	2.7 R L	2.7 R L
MCPP	ug/kg	250 U	280 U	280 U	260 U	280 U	280 U	280 U
2,4,5-TP	ug/kg	0.11 J Z	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.085 J Z
2,4,5-T	ug/kg	0.17 U	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
MCPA	ug/kg	200 J Z	410	160 J Z	540 U	580	280 U	280 U
2,4-D	ug/kg	3.7 U	4.0 U	4.0 U	3.7 U	4.0 U	4.1 U	4.0 U
2,4 DB	ug/kg	1.7 U	1.9 U	1.9 U	2.6	1.9 U	1.9 U	1.9 U
Toxaphene	ug/kg	6.7 U	7.4 U	7.4 U	6.8 U	7.3 U	7.5 U	7.4 U
Heptachlor Epoxide	ug/kg	0.17 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.19 U
Endosulfan Sulfate	ug/kg	0.34 U	0.38 U	0.38 U	0.35 U	0.38 U	0.39 U	0.38 U
Mirex	ug/kg	0.34 U	0.38 U	0.42	0.35 U	0.38 U	0.39 U	0.38 U
Aldrin	ug/kg	0.17 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.19 U
Alpha-BHC	ug/kg	0.17 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.19 U
Beta-BHC	ug/kg	0.17 U	0.19 U	0.19 U	0.17 U	0.15 J Z	0.95	0.33
Delta-BHC	ug/kg	0.17 U	0.11 J Z	0.19 U	0.17 U	0.18 U	0.19 U	0.19 U
Endosulfan II	ug/kg	0.34 UJ L	0.38 UJ L	0.38 UJ L	0.35 UJ L	0.38 UJ L	0.39 U	0.38 U
4,4'-DDT	ug/kg	0.34 U	1.1	0.17 J Z	0.36	2.2	1.4	7
Endrin Ketone	ug/kg	0.087 J Z	0.38 U	0.38 U	0.35 U	0.38 U	0.39 U	0.38 U
Chlordane	ug/kg	3.4 U	2.1 J Z	3.8 U	3.5 U	1.9 J Z	3.9 U	2.3 J Z
Gamma-BHC (Lindane)	ug/kg	0.17 U	0.13 J Z	0.19 U	0.17 U	0.18 U	0.19 U	0.056 J Z
Dieldrin	ug/kg	0.34 U	0.38 U	0.38 U	0.35 U	0.38 U	0.39 U	1.6 U
Endrin	ug/kg	0.34 U	0.38 U	0.38 U	0.35 U	0.38 U	0.39 U	0.38 U
Methoxychlor	ug/kg	1.7 U	1.9 U	1.9 U	1.7 U	1.8 U	1.9 U	1.9 U
4,4'-DDD	ug/kg	0.34 U	0.38 U	0.38 U	0.35 U	0.38 U	0.39 U	0.38 U
4,4'-DDE	ug/kg	0.34 U	0.38 U	0.38 U	0.35 U	0.38 U	0.39 U	0.38 U
Endrin Aldehyde	ug/kg	0.34 U	0.38 U	0.38 U	0.35 U	0.38 U	0.39 U	0.38 U
Heptachlor	ug/kg	0.17 U	0.19 U	0.19 U	0.17 U	0.19	0.19 U	0.19 U
Endosulfan I	ug/kg	0.17 U	0.19 U	0.19 U	0.17 U	0.18 U	0.19 U	0.19 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-017-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-018-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-019-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-020-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-021-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-022-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-023-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.9 U	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.9 U
Dicamba	ug/kg	1.3 U	1.3 U	1.4 U	1.3 U	1.4 U	1.4 U	1.4 U
2,2-Dichlor-Propionic Acid	ug/kg	10 U	9.9 U	10 U	9.5 U	10 U	10 U	10 U
Dinitrobutyl Phenol	ug/kg	2.7 R L	2.6 U	2.8 R L	2.5 R L	2.8 R L	2.8 R L	2.7 R L
MCPP	ug/kg	280 U	270 U	290 U	260 U	290 U	290 U	280 U
2,4,5-TP	ug/kg	0.18 J Z	0.19 U	0.20 U	0.18 U	0.20 U	0.16 J Z	0.19 U
2,4,5-T	ug/kg	0.22	0.19 U	0.20 U	0.18 U	0.20 U	0.20 U	0.19 U
MCPA	ug/kg	97 J Z	670 U	290 U	260 U	100 J Z	290 U	270 J Z
2,4-D	ug/kg	4.0 U	3.9 U	4.2 U	3.8 U	4.2 U	4.1 U	1.9 J Z
2,4 DB	ug/kg	1.9 U	1.9 U	2.0 U	1.8 U	2.0 U	2.0 U	1.9 U
Toxaphene	ug/kg	7.4 U	7.2 U	7.6 U	7.0 U	7.7 U	7.6 U	7.5 U
Heptachlor Epoxide	ug/kg	0.28 U	0.18 U	0.19 U	0.17 U	0.19 U	0.19 U	0.086 J Z
Endosulfan Sulfate	ug/kg	0.38 U	0.37 U	0.39 U	0.36 U	0.40 U	0.39 U	0.39 U
Mirex	ug/kg	0.48 U	0.37 U	0.39 U	0.36 U	0.40 U	0.12 J FD, Z	0.39 U
Aldrin	ug/kg	0.18 U	0.18 U	0.19 U	0.17 U	0.19 U	0.19 U	0.19 U
Alpha-BHC	ug/kg	0.18 U	0.18 U	0.19 U	0.17 U	0.19 U	0.19 U	0.19 U
Beta-BHC	ug/kg	0.18 U	0.18 U	0.19 U	0.17 U	0.19 U	0.19 U	0.19 U
Delta-BHC	ug/kg	0.18 U	0.18 U	0.19 U	0.17 U	0.19 U	0.19 U	0.19 U
Endosulfan II	ug/kg	0.38 U	0.37 UJ L	0.39 U	0.36 U	0.40 U	0.39 U	0.39 U
4,4'-DDT	ug/kg	12	5.8	0.7	0.36 U	1	0.52	0.48
Endrin Ketone	ug/kg	0.38 U	0.37 U	0.39 U	0.36 U	0.40 U	0.39 U	0.39 U
Chlordane	ug/kg	3.8 U	2.6 J Z	3.9 U	3.6 U	1.1 J Z	0.98 J FD, Z	4.4
Gamma-BHC (Lindane)	ug/kg	0.18 U	0.18 U	0.19 U	0.17 U	0.19 U	0.19 U	0.19 U
Dieldrin	ug/kg	3.8 U	0.85 U	0.39 U	0.36 U	0.40 U	0.11 J FD, Z	0.21 J Z
Endrin	ug/kg	0.38 U	0.37 U	0.39 U	0.36 U	0.40 U	0.39 U	0.39 U
Methoxychlor	ug/kg	1.8 U	1.8 U	1.9 U	1.7 U	1.9 U	1.9 U	1.9 U
4,4'-DDD	ug/kg	0.38 U	0.37 U	0.39 U	0.36 U	0.40 U	0.39 U	0.39 U
4,4'-DDE	ug/kg	0.49 U	0.55	0.39 U	0.36 U	0.40 U	0.39 U	0.19 J Z
Endrin Aldehyde	ug/kg	0.38 U	0.37 U	0.39 U	0.36 U	0.40 U	0.39 U	0.39 U
Heptachlor	ug/kg	0.18 U	0.18 U	0.19 U	0.17 U	0.19 U	0.19 U	0.19 U
Endosulfan I	ug/kg	0.18 U	0.18 U	0.19 U	0.17 U	0.19 U	0.19 U	0.19 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-024-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-025-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-026-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-027-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-028-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-029-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-030-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Dicamba	ug/kg	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
2,2-Dichlor-Propionic Acid	ug/kg	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dinitrobutyl Phenol	ug/kg	2.8 R L	2.8 R L	2.7 R L	2.8 R L	2.8 R L	2.8 R L	2.8 R L
MCPP	ug/kg	290 U	290 U	290 U	290 U	290 U	290 U	290 U
2,4,5-TP	ug/kg	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U
2,4,5-T	ug/kg	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.20 U
MCPA	ug/kg	290 U	310 J *#	290 U	290 U	290 U	290 U	380
2,4-D	ug/kg	4.2 U	4.2 U	4.1 U	4.2 U	4.2 U	4.2 U	4.1 U
2,4 DB	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Toxaphene	ug/kg	7.6 U	7.7 U	7.6 U	7.7 U	7.6 UJ C	7.6 UJ C	7.6 U
Heptachlor Epoxide	ug/kg	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ C	0.19 UJ C	0.19 U
Endosulfan Sulfate	ug/kg	0.39 U	0.40 U	0.39 U	0.39 U	0.39 UJ C	0.39 UJ C	0.39 U
Mirex	ug/kg	0.19 J Z	0.40 U	0.39 U	0.39 U	0.39 UJ C	0.39 UJ C	0.39 U
Aldrin	ug/kg	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ C	0.19 UJ C	0.19 U
Alpha-BHC	ug/kg	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Beta-BHC	ug/kg	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Delta-BHC	ug/kg	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Endosulfan II	ug/kg	0.39 U	0.40 U	0.39 U	0.39 U	0.39 UJ C	0.39 UJ C	1.1 U
4,4'-DDT	ug/kg	1.8	0.55	1	1.2	0.80 J C	1.4 J C	0.51 U
Endrin Ketone	ug/kg	0.39 U	0.40 U	0.39 U	0.39 U	0.39 UJ C	0.39 UJ C	0.39 U
Chlordane	ug/kg	15	4.0 U	3.9 U	1.5 J Z, *#	3.9 U	2.8 J Z, *#	1.6 J Z
Gamma-BHC (Lindane)	ug/kg	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Dieldrin	ug/kg	0.26 J Z, *#	0.11 J Z	0.39 U	0.39 U	0.39 UJ C	0.39 UJ C	0.39 U
Endrin	ug/kg	0.39 U	0.40 U	0.39 U	0.39 U	0.39 UJ C	0.39 UJ C	0.39 U
Methoxychlor	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 UJ C	1.9 UJ C	1.9 U
4,4'-DDD	ug/kg	0.39 U	0.40 U	0.39 U	0.39 U	0.39 UJ C	0.39 UJ C	0.39 U
4,4'-DDE	ug/kg	0.28 J Z	0.40 U	0.39 U	0.39 U	0.39 UJ C	0.39 UJ C	0.39 U
Endrin Aldehyde	ug/kg	0.082 J Z, *#	0.40 U	0.39 U	0.39 U	0.39 UJ C	0.39 UJ C	0.39 U
Heptachlor	ug/kg	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Endosulfan I	ug/kg	0.19 U	0.19 U	0.19 U	0.19 U	0.19 UJ C	0.19 UJ C	0.19 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-031-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-032-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-033-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-034-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-035-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-036-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-037-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	2.0 U
Dicamba	ug/kg	1.4 U	1.3 U	1.4 U	1.3 U	1.4 U	1.4 U	1.4 U
2,2-Dichlor-Propionic Acid	ug/kg	10 U	10 U	11 U	9.9 U	10 U	10 U	10 U
Dinitrobutyl Phenol	ug/kg	2.8 R L	2.7 U	2.8 R L	2.6 U	2.8 U	2.7 R L	2.8 R L
MCPP	ug/kg	290 U	280 U	290 U	270 U	290 U	280 U	290 U
2,4,5-TP	ug/kg	0.20 U	0.19 U	0.20 U	0.091 J Z	0.10 J Z	0.19 U	0.20 U
2,4,5-T	ug/kg	0.20 U	0.10 J Z	0.20 U	0.4	0.20 U	0.19 U	0.20 U
MCPA	ug/kg	210 J Z	280 U	290 U	160 J Z	160 J Z	280 U	440
2,4-D	ug/kg	4.2 U	4.0 U	4.2 U	3.9 U	4.2 U	4.1 U	4.1 U
2,4 DB	ug/kg	2.0 U	1.9 U	2.0 U	1.9 U	3.2 U	1.5 J Z, *#	3.6 J *#
Toxaphene	ug/kg	7.7 UJ S	7.4 U	7.7 U	7.2 U	7.6 U	7.5 UJ C	7.5 UJ C
Heptachlor Epoxide	ug/kg	0.19 UJ S	0.19 U	0.19 U	0.18 U	0.19 U	0.19 UJ C	0.19 UJ C
Endosulfan Sulfate	ug/kg	0.39 UJ S	0.38 U	0.40 U	0.37 U	0.39 U	0.39 UJ C	0.39 UJ C
Mirex	ug/kg	0.12 J S, Z	0.38 U	0.10 J Z	0.37 U	0.39 U	0.39 UJ C	0.39 UJ C
Aldrin	ug/kg	0.19 UJ S	0.19 U	0.19 U	0.18 U	0.19 U	0.19 UJ C	0.19 UJ C
Alpha-BHC	ug/kg	0.19 UJ S	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
Beta-BHC	ug/kg	0.19 UJ S	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
Delta-BHC	ug/kg	0.19 UJ S	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
Endosulfan II	ug/kg	0.39 UJ S	0.38 U	0.40 U	0.37 U	0.39 U	0.39 UJ C	0.39 UJ C
4,4'-DDT	ug/kg	0.78 J S, L	1.2 J L	0.35 J L, Z	0.37 U	1.3 J L	0.95 J C	1.4 J C
Endrin Ketone	ug/kg	0.39 UJ S	0.38 U	0.40 U	0.37 U	0.39 U	0.39 UJ C	0.39 UJ C
Chlordane	ug/kg	0.95 J S, Z	1.5 J Z	4.0 U	8.6 U	1.3 J Z	3.9 U	1.8 J Z
Gamma-BHC (Lindane)	ug/kg	0.19 UJ S	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
Dieldrin	ug/kg	0.39 UJ S	0.38 U	0.40 U	5.9	0.18 J Z	0.39 UJ C	0.39 UJ C
Endrin	ug/kg	0.39 UJ S	0.38 U	0.40 U	0.37 U	0.39 U	0.39 UJ C	0.39 UJ C
Methoxychlor	ug/kg	1.9 UJ S	1.9 U	1.9 U	1.8 U	1.9 U	1.9 UJ C	1.9 UJ C
4,4'-DDD	ug/kg	0.39 UJ S	0.38 U	0.40 U	0.37 U	0.39 U	0.39 UJ C	0.39 UJ C
4,4'-DDE	ug/kg	0.15 J S, Z	0.38 U	0.40 U	2	1.1	0.39 UJ C	0.39 UJ C
Endrin Aldehyde	ug/kg	0.15 J S, Z	0.38 U	0.40 U	0.37 U	0.39 U	0.39 UJ C	0.39 UJ C
Heptachlor	ug/kg	0.19 UJ S	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U
Endosulfan I	ug/kg	0.19 UJ S	0.19 U	0.19 U	0.068 J Z	0.19 U	0.19 UJ C	0.19 UJ C

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-038-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-039-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-040-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-041-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-042-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-043-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-044-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	2.0 U	2.0 U	2.0 U	2.0 U	3.1 UJ H	1.9 U	1.9 U
Dicamba	ug/kg	1.4 U	1.4 U	1.4 U	1.4 U	2.2 UJ H	1.4 U	1.4 U
2,2-Dichlor-Propionic Acid	ug/kg	10 U	10 U	10 U	10 U	17 UJ H	10 R Q	10 U
Dinitrobutyl Phenol	ug/kg	2.8 R L	2.8 R L	2.8 R L	2.8 U	4.4 UJ H	2.7 R L	2.7 R L
MCPP	ug/kg	290 U	290 U	290 U	290 U	460 UJ H	290 U	280 U
2,4,5-TP	ug/kg	0.20 U	0.20 U	0.20 U	0.20 U	0.31 UJ H	0.19 UJ FD	0.19 U
2,4,5-T	ug/kg	0.20 U	0.20 U	0.20 U	0.20 U	0.31 UJ H	0.19 U	0.19 U
MCPA	ug/kg	290 U	150 J Z, *#	340	290 U	460 UJ H	290 U	280 U
2,4-D	ug/kg	4.2 U	2.2 J Z, *#	2.4 J Z	4.2 U	6.6 UJ H	4.1 U	4.1 U
2,4 DB	ug/kg	2.0 U	2.1 U	2.0 U	2.0 U	3.1 UJ H	1.9 U	1.7 J Z, *#
Toxaphene	ug/kg	7.7 UJ C	7.7 UJ C	7.7 UJ C	7.7 U	12 U	7.6 U	7.5 UJ C
Heptachlor Epoxide	ug/kg	0.19 UJ C	0.19 UJ C	0.043 J Z, C, *#	0.19 U	0.31 U	0.19 U	0.19 UJ C
Endosulfan Sulfate	ug/kg	0.40 UJ C	0.40 UJ C	0.40 UJ C	0.39 U	0.63 U	0.39 U	0.38 UJ C
Mirex	ug/kg	0.40 UJ C	0.40 UJ C	0.19 J Z, C	0.39 U	0.28 J Z	0.39 U	0.19 J Z, C
Aldrin	ug/kg	0.19 UJ C	0.19 UJ C	0.19 UJ C	0.19 U	0.31 U	0.19 U	0.19 UJ C
Alpha-BHC	ug/kg	0.19 U	0.19 U	0.19 U	0.19 U	0.31 U	0.19 U	0.19 U
Beta-BHC	ug/kg	0.33	0.19 U	0.19 U	0.19 U	1.1	0.19 U	0.19 U
Delta-BHC	ug/kg	0.19 U	0.19 U	0.19 U	0.19 U	0.31 U	0.19 U	0.19 U
Endosulfan II	ug/kg	0.40 UJ C	0.40 UJ C	0.40 UJ C	0.39 U	0.63 U	0.39 UJ Q	0.38 UJ C
4,4'-DDT	ug/kg	0.88 J C	0.86 J C	0.56 J C	1.9 J L	0.61 J L, Z	1.2 J Q, L	0.32 J Z, C
Endrin Ketone	ug/kg	0.40 UJ C	0.40 UJ C	0.40 UJ C	0.39 U	0.63 U	0.39 R Q	0.38 UJ C
Chlordane	ug/kg	4.4 J *#	1.3 J Z	4.0 U	2.7 J Z	6.3 U	4.6 J FD	3.8 U
Gamma-BHC (Lindane)	ug/kg	0.19 U	0.19 U	0.19 U	0.19 U	0.31 U	0.19 U	0.19 U
Dieldrin	ug/kg	0.40 UJ C	0.40 UJ C	0.40 UJ C	0.45 U	0.63 U	0.39 UJ Q	0.38 UJ C
Endrin	ug/kg	0.40 UJ C	0.40 UJ C	0.40 UJ C	0.39 U	0.63 U	0.39 U	0.38 UJ C
Methoxychlor	ug/kg	1.9 UJ C	1.9 UJ C	1.9 UJ C	1.9 U	3.1 U	1.9 UJ Q	1.9 UJ C
4,4'-DDD	ug/kg	0.40 UJ C	0.40 UJ C	0.40 UJ C	0.39 U	0.63 U	0.39 U	0.38 UJ C
4,4'-DDE	ug/kg	0.40 UJ C	0.40 UJ C	0.11 J Z, C, *#	0.39 U	0.63 U	0.23 J FD, Q, Z	0.38 UJ C
Endrin Aldehyde	ug/kg	0.40 UJ C	0.40 UJ C	0.11 J Z, C	0.39 U	0.63 U	0.39 U	0.38 UJ C
Heptachlor	ug/kg	0.19 U	0.19 U	0.19 U	0.19 U	0.31 U	0.19 U	0.19 U
Endosulfan I	ug/kg	0.19 UJ C	0.19 UJ C	0.19 UJ C	0.19 U	0.31 U	0.19 R Q	0.19 UJ C

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

Sample Name Sample Date SDG Start Depth End Depth		SL-045-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-046-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-047-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-048-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-049-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-050-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-051-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	2.0 U	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
Dicamba	ug/kg	1.4 U	1.4 U	1.3 U	1.3 U	1.3 U	1.3 U	0.49 J Z, *#
2,2-Dichlor-Propionic Acid	ug/kg	10 U	10 U	9.8 U	10 U	9.9 U	9.9 U	9.9 U
Dinitrobutyl Phenol	ug/kg	2.8 U	2.8 U	2.6 R L	2.7 U	2.7 U	2.6 R L	7.0 R L
MCPP	ug/kg	290 U	170 J Z	270 U	280 U	280 U	280 U	270 U
2,4,5-TP	ug/kg	0.20 U	0.25	0.17 J Q, Z	0.36	0.19 U	0.19 U	0.32 U
2,4,5-T	ug/kg	0.20 U	0.20 U	0.19 U	0.19 U	0.19 U	0.19 U	0.23
MCPA	ug/kg	290 U	290 U	270 U	110 J Z	400	600	1100
2,4-D	ug/kg	4.2 U	4.2 U	3.9 U	4.0 U	4.0 U	4.0 U	3.9 U
2,4 DB	ug/kg	2.0 U	2.0 U	1.9 U	1.9 U	5.3	5.6 U	6.9 J *#
Toxaphene	ug/kg	7.6 U	7.6 U	7.2 U	7.3 U	36 U	7.3 UJ C	7.3 UJ C
Heptachlor Epoxide	ug/kg	0.083 J S, Z	0.19 U	0.18 U	0.18 U	0.18 R S	0.18 UJ C	0.18 UJ C
Endosulfan Sulfate	ug/kg	0.39 U	0.39 U	0.37 U	0.38 U	1.9 U	0.37 UJ C	0.37 UJ C
Mirex	ug/kg	0.39 U	0.39 U	0.37 U	0.38 U	1.9 U	0.37 UJ C	0.074 J Z, C, *#
Aldrin	ug/kg	0.19 U	0.19 U	0.18 U	0.18 U	0.18 R S	0.18 UJ C	0.18 UJ C
Alpha-BHC	ug/kg	0.19 U	0.19 U	0.18 U	0.18 U	0.18 R S	0.18 U	0.18 U
Beta-BHC	ug/kg	0.19 U	0.19 U	0.18 U	0.18 U	0.18 R S	0.18 U	0.10 J Z
Delta-BHC	ug/kg	0.19 U	0.19 U	0.047 J Z	0.044 J Z	0.18 R S	0.18 U	0.18 U
Endosulfan II	ug/kg	0.39 U	0.39 U	0.37 U	0.38 U	1.3 J S	0.37 UJ C	0.37 UJ C
4,4'-DDT	ug/kg	0.92 J S, L	1.8 J L	2.0 J L	2.1 J L	5.5 U	1.7 J C	0.55 J C, *#
Endrin Ketone	ug/kg	0.37 J S, Z	0.39 U	0.37 U	0.38 U	1.9 U	0.37 UJ C	0.37 UJ C
Chlordane	ug/kg	1.0 J S, Z	2.3 J Z	2.8 J Z	2.8 J Z	4.0 J S	3.7 U	3.7 U
Gamma-BHC (Lindane)	ug/kg	0.19 U	0.044 J Z	0.18 U	0.18 U	0.18 R S	0.18 U	0.18 U
Dieldrin	ug/kg	0.39 U	0.39 U	0.37 U	0.38 U	1.1 J S	0.37 UJ C	0.37 UJ C
Endrin	ug/kg	0.39 U	0.39 U	0.37 U	0.38 U	0.37 R S	0.37 UJ C	0.37 UJ C
Methoxychlor	ug/kg	1.9 U	1.9 U	1.8 U	1.8 U	9.1 U	1.8 UJ C	1.8 UJ C
4,4'-DDD	ug/kg	0.39 U	0.67 U	0.37 U	0.38 U	0.37 R S	0.18 J Z, C	0.37 UJ C
4,4'-DDE	ug/kg	0.31 J S, Z	0.39 U	0.66 U	0.51 U	0.37 R S	2.2 J C	0.84 J C
Endrin Aldehyde	ug/kg	0.39 U	2	2.5	2.3	1.9 U	0.37 UJ C	0.37 UJ C
Heptachlor	ug/kg	0.19 U	0.19 U	0.16 J Z	0.18 U	0.18 R S	0.18 U	0.18 U
Endosulfan I	ug/kg	0.19 U	0.19 U	0.18 U	0.18 U	0.18 R S	0.18 UJ C	0.18 UJ C

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

Sample Name Sample Date SDG Start Depth End Depth		SL-052-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-053-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-054-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-055-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-056-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-057-SA5DN-SS-0.0-0.5 05/24/2011 DE163 0 0.5	SL-058-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U
Dicamba	ug/kg	1.4 U	1.3 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
2,2-Dichlor-Propionic Acid	ug/kg	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dinitrobutyl Phenol	ug/kg	2.8 R L	2.7 R L	2.7 U	2.7 U	2.7 U	2.8 U	2.8 U
MCPP	ug/kg	290 U	280 U	280 U	280 U	280 U	290 UJ FD	290 U
2,4,5-TP	ug/kg	0.22	0.12 J Z	0.19 U	0.13 J Z	0.19 U	0.18 J FD, Z	0.20 U
2,4,5-T	ug/kg	0.20 U	0.19 U	0.19 U	0.19 U	0.19 U	0.20 U	0.20 U
MCPA	ug/kg	230 J Z	280 U	280 U	280 U	280 U	400 U	290 U
2,4-D	ug/kg	1.7 J Z	4.0 U	4.1 U	4.1 U	4.1 U	4.2 U	4.1 U
2,4 DB	ug/kg	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	8.1 U	3.4 U
Toxaphene	ug/kg	7.6 U	7.4 U	7.5 U	7.5 UJ S	7.4 UJ S	7.6 U	7.7 U
Heptachlor Epoxide	ug/kg	0.19 U	0.19 U	0.19 U	0.19 UJ S	0.19 UJ S	0.19 U	0.090 J Z
Endosulfan Sulfate	ug/kg	0.39 U	0.38 U	0.38 U	0.39 UJ S	0.38 UJ S	0.39 U	0.39 U
Mirex	ug/kg	0.39 U	0.38 U	0.38 U	0.39 UJ S	0.38 UJ S	0.39 U	0.39 U
Aldrin	ug/kg	0.19 U	0.19 U	0.19 U	0.19 UJ S	0.19 UJ S	0.19 U	0.19 U
Alpha-BHC	ug/kg	0.19 U	0.19 U	0.19 U	0.19 UJ S	0.19 UJ S	0.19 U	0.19 U
Beta-BHC	ug/kg	0.19 U	0.19 U	0.19 U	0.19 UJ S	0.19 UJ S	0.19 U	0.19 U
Delta-BHC	ug/kg	0.19 U	0.19 U	0.19 U	0.19 UJ S	0.19 UJ S	0.19 U	0.19 U
Endosulfan II	ug/kg	0.39 U	0.38 U	0.38 U	0.39 UJ S	0.38 UJ S	0.39 U	0.39 U
4,4'-DDT	ug/kg	0.28 J Z	0.95	1.9	1.1 J S	0.35 J S, Z	0.54 U	4.7
Endrin Ketone	ug/kg	0.39 U	0.38 U	0.38 U	0.39 UJ S	0.38 UJ S	0.39 U	0.39 U
Chlordane	ug/kg	1.2 J Z	3.8 U	2.2 J Z	1.9 J S, Z	3.8 UJ S	1.9 J FD, Z	4.6
Gamma-BHC (Lindane)	ug/kg	0.19 U	0.19 U	0.19 U	0.19 UJ S	0.19 UJ S	0.19 U	0.19 U
Dieldrin	ug/kg	0.39 U	0.38 U	0.38 U	0.39 UJ S	0.38 UJ S	0.39 U	0.39 U
Endrin	ug/kg	0.39 U	0.38 U	0.38 U	0.39 UJ S	0.38 UJ S	0.39 U	0.39 U
Methoxychlor	ug/kg	1.9 U	1.9 U	1.9 U	1.9 UJ S	1.9 UJ S	1.9 U	1.9 U
4,4'-DDD	ug/kg	0.39 U	0.38 U	0.38 U	0.39 UJ S	0.38 UJ S	0.39 U	0.39 U
4,4'-DDE	ug/kg	0.14 J Z	0.38 U	0.38 U	0.39 UJ S	0.38 UJ S	0.39 U	4.4
Endrin Aldehyde	ug/kg	0.17 J Z	0.38 U	0.88	0.39 UJ S	0.38 UJ S	0.39 U	0.39 U
Heptachlor	ug/kg	0.19 U	0.19 U	0.19 U	0.19 UJ S	0.19 UJ S	0.19 U	0.19 U
Endosulfan I	ug/kg	0.19 U	0.19 U	0.19 U	0.19 UJ S	0.19 UJ S	0.19 U	0.19 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-059-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-060-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-064-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-065-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-066-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-067-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-071-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.9 U	1.8 U	2.0 U	1.2 J Z	2.8 U	1.9 U	1.9 U
Dicamba	ug/kg	1.4 U	1.3 U	0.54 J Z	0.72 J Z	1.3 U	1.3 U	1.3 U
2,2-Dichlor-Propionic Acid	ug/kg	10 U	9.7 U	10 U	10 U	9.9 U	9.9 U	9.8 U
Dinitrobutyl Phenol	ug/kg	2.7 U	2.6 U	2.8 U	2.7 U	2.6 U	2.6 U	2.6 U
MCPP	ug/kg	280 U	270 U	290 U	280 U	350 J S	120 J Z	270 U
2,4,5-TP	ug/kg	0.19 U	0.18 U	0.44	0.19 U	0.19 U	0.19 U	0.19 U
2,4,5-T	ug/kg	0.19 U	0.18 U	0.20 U	0.19 U	0.19 U	0.19 U	0.19 U
MCPA	ug/kg	280 U	600	990	870	2400 J S	1200	510
2,4-D	ug/kg	4.1 U	3.9 U	4.2 U	4.1 U	4.0 U	4.0 U	3.9 U
2,4 DB	ug/kg	1.9 U	1.8 U	4.4 U	3.1 U	13 U	7.9 U	1.9 U
Toxaphene	ug/kg	7.5 U	7.1 U	7.6 UJ S	7.5 U	19 U	7.3 U	7.3 U
Heptachlor Epoxide	ug/kg	0.19 U	0.18 U	0.19 UJ S	0.15 J S, Z	0.18 U	0.18 U	0.32 U
Endosulfan Sulfate	ug/kg	0.38 U	0.37 U	0.39 UJ S	0.38 U	0.37 U	0.37 U	0.37 U
Mirex	ug/kg	0.23 J Z	1.9 U	0.39 UJ S	0.45 U	0.37 U	0.37 U	0.46 U
Aldrin	ug/kg	0.19 U	0.18 U	0.19 UJ S	0.19 U	0.18 U	0.18 U	0.18 U
Alpha-BHC	ug/kg	0.19 U	0.18 U	0.19 UJ S	0.19 U	0.18 U	0.18 U	0.18 U
Beta-BHC	ug/kg	0.19 U	0.18 U	0.19 UJ S	0.82 J S	0.18 U	0.18 U	0.18 U
Delta-BHC	ug/kg	0.19 U	0.18 U	0.19 UJ S	0.19 U	0.18 U	0.18 U	0.18 U
Endosulfan II	ug/kg	0.38 U	0.37 U	0.39 UJ S	0.38 U	0.37 U	0.37 U	0.37 U
4,4'-DDT	ug/kg	0.26 J Z	2.2 U	4.5	4.3	6.7	1.3 J S	0.82
Endrin Ketone	ug/kg	0.38 U	0.37 U	0.39 UJ S	0.38 U	0.37 U	0.37 U	0.23 J Z
Chlordane	ug/kg	3.8 U	5.3 J S	13 J S	5.2 J S	5.6 U	3.7 U	3.7 U
Gamma-BHC (Lindane)	ug/kg	0.19 U	0.068 J S, Z	0.19 UJ S	0.10 J S, Z	0.18 U	0.18 U	0.18 U
Dieldrin	ug/kg	0.38 U	0.37 U	0.39 UJ S	0.38 U	0.37 U	0.37 U	0.37 U
Endrin	ug/kg	0.38 U	0.37 U	0.39 UJ S	0.38 U	0.37 U	0.37 U	0.37 U
Methoxychlor	ug/kg	1.9 U	1.8 U	1.9 UJ S	1.9 U	1.8 U	1.8 U	1.8 U
4,4'-DDD	ug/kg	0.38 U	0.37 U	0.39 UJ S	0.87 U	0.37 U	0.80 U	0.37 U
4,4'-DDE	ug/kg	0.38 U	0.63 U	0.84 J S	1.5 J S	3.6	1.1 J S	0.42 U
Endrin Aldehyde	ug/kg	0.17 J Z	0.73 U	0.39 UJ S	0.38 U	0.37 U	0.37 U	0.37 U
Heptachlor	ug/kg	0.19 U	0.18 U	0.19 UJ S	0.19 U	0.18 U	0.18 U	0.18 U
Endosulfan I	ug/kg	0.19 U	0.18 U	0.19 UJ S	0.19 U	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

Sample Name Sample Date SDG Start Depth End Depth		SL-072-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-074-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-075-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-076-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-079-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-080-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-081-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.3 J FD, Z	1.9 U	2.1 U	1.9 U	1.9 U	1.9 U	1.8 U
Dicamba	ug/kg	1.3 U	1.3 U	1.4 U	1.3 U	1.3 U	1.3 U	1.3 U
2,2-Dichlor-Propionic Acid	ug/kg	10 U	9.9 U	11 U	9.9 U	9.9 U	10 U	9.7 U
Dinitrobutyl Phenol	ug/kg	2.7 U	2.6 U	2.9 U	2.6 U	2.6 U	2.7 U	2.6 U
MCPP	ug/kg	280 U	350	300 U	170 J Z	280 U	2800 U	270 U
2,4,5-TP	ug/kg	0.19 U	0.19 U	0.21 U	1.9 U	0.19 U	0.19 U	0.19 U
2,4,5-T	ug/kg	0.19 UJ FD	0.19 U	0.21 U	0.19 U	0.19 U	0.19 U	0.18 U
MCPA	ug/kg	480 UJ FD	410	300 U	270 U	310 U	200 J Z	470 J S
2,4-D	ug/kg	4.0 U	4.0 U	4.3 U	3.9 U	4.0 U	4.0 U	3.9 U
2,4 DB	ug/kg	2.6	8.7 U	1.2 J Z	4.4 U	4.0 U	3.9 U	7.3 J S
Toxaphene	ug/kg	7.4 U	7.3 U	8.0 U	7.2 U	7.3 U	7.3 U	7.1 U
Heptachlor Epoxide	ug/kg	0.19 U	0.18 U	0.20 U	0.18 U	0.18 U	0.18 U	0.18 U
Endosulfan Sulfate	ug/kg	0.38 U	0.37 U	0.41 U	0.37 U	0.38 U	0.38 U	0.37 U
Mirex	ug/kg	0.38 U	0.37 U	2	0.37 U	0.39 U	0.38 U	0.37 U
Aldrin	ug/kg	0.19 U	0.18 U	0.20 U	0.18 U	0.18 U	0.18 U	0.18 U
Alpha-BHC	ug/kg	0.040 J FD, Z	0.18 U	0.20 U	0.18 U	0.18 U	0.18 U	0.18 U
Beta-BHC	ug/kg	0.19 R Q	0.18 U	0.20 U	0.18 U	0.15 J Z	0.18 U	0.18 U
Delta-BHC	ug/kg	0.18 J FD, Z	0.18 U	0.20 U	0.18 U	0.18 U	0.18 U	0.18 U
Endosulfan II	ug/kg	0.38 U	0.37 U	0.16 J Z	0.37 U	0.38 U	0.38 U	0.37 U
4,4'-DDT	ug/kg	1.1 U	1.4	0.41 U	1.7 J S	1.8	1.3	1.5 J S
Endrin Ketone	ug/kg	0.38 U	0.099 J Z	0.41 U	0.37 U	0.38 U	0.38 U	0.37 U
Chlordane	ug/kg	3.8 U	3.7 U	4.1 U	3.8 U	3.8 U	3.4 J Z	2.6 J S, Z
Gamma-BHC (Lindane)	ug/kg	0.19 U	0.18 U	0.20 U	0.076 J S, Z	0.18 U	0.18 U	0.18 U
Dieldrin	ug/kg	0.38 U	0.37 U	0.41 U	0.37 U	0.44	0.38 U	0.47 J S
Endrin	ug/kg	0.38 U	0.37 U	0.41 U	0.37 U	0.38 U	0.38 U	0.37 U
Methoxychlor	ug/kg	1.9 U	1.8 U	2.0 U	1.8 U	1.8 U	1.8 U	1.8 U
4,4'-DDD	ug/kg	0.38 U	0.37 U	0.41 U	0.37 U	0.38 U	0.38 U	0.41 U
4,4'-DDE	ug/kg	0.38 U	0.57	0.41 U	0.36 J S, Z	0.55	0.45	0.39 J S
Endrin Aldehyde	ug/kg	0.38 U	0.37 U	0.41 U	0.37 U	0.38 U	0.38 U	0.37 U
Heptachlor	ug/kg	0.19 U	0.18 U	0.20 U	0.18 U	0.18 U	0.18 U	0.18 U
Endosulfan I	ug/kg	0.19 U	0.18 U	0.20 U	0.18 U	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

Sample Name Sample Date SDG Start Depth End Depth		SL-082-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-083-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-084-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-086-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-087-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-088-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-089-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.9 U	1.9 U	1.1 J Z	2.0 U	1.9 U	1.9 U	2.0 U
Dicamba	ug/kg	1.3 U	1.3 U	1.3 U	1.4 U	1.3 U	1.3 U	1.4 U
2,2-Dichlor-Propionic Acid	ug/kg	9.9 U	9.9 U	10 U	10 U	10 U	10 U	10 U
Dinitrobutyl Phenol	ug/kg	2.7 U	2.6 U	2.7 U	2.8 U	2.7 U	2.7 U	2.8 U
MCPP	ug/kg	280 U	280 U	88 J Z	290 U	280 U	280 U	290 U
2,4,5-TP	ug/kg	0.27 U	0.19 U	0.20 U	0.20 U	0.19 U	0.19 U	0.20 U
2,4,5-T	ug/kg	0.19 U	0.19 U	0.19 U	0.20 U	0.29	0.19 U	0.20 U
MCPA	ug/kg	1100 J S	1200	690	290 U	280 U	280 U	290 U
2,4-D	ug/kg	4.0 U	4.0 U	4.0 U	4.2 U	4.0 U	4.0 U	4.2 U
2,4 DB	ug/kg	1.9 U	9.1	29 U	6.4	1.9 U	7.2 U	2.1 J FD, Q
Toxaphene	ug/kg	7.3 U	7.3 U	7.4 U	7.7 UJ S	7.4 UJ S	7.4 R S	7.7 U
Heptachlor Epoxide	ug/kg	0.21 U	0.066 J Z	0.19 U	0.19 UJ S	0.19 UJ S	0.19 R S	0.19 U
Endosulfan Sulfate	ug/kg	0.38 U	0.38 U	0.38 U	0.40 UJ S	0.38 UJ S	0.38 R S	0.39 U
Mirex	ug/kg	0.38 U	0.38 U	0.38 U	0.40 UJ S	0.38 UJ S	0.38 R S	0.39 U
Aldrin	ug/kg	0.18 U	0.18 U	0.19 U	0.19 UJ S	0.19 UJ S	0.19 R S	0.19 U
Alpha-BHC	ug/kg	0.18 U	0.18 U	0.19 U	0.19 UJ S	0.19 UJ S	0.19 R S	0.19 U
Beta-BHC	ug/kg	0.18 U	0.18 U	0.19 U	0.19 UJ S	0.19 UJ S	0.19 R S	0.19 R Q
Delta-BHC	ug/kg	0.18 U	0.18 U	0.19 U	0.19 UJ S	0.19 UJ S	0.19 R S	0.19 U
Endosulfan II	ug/kg	0.38 U	0.38 U	0.38 U	0.40 UJ S	0.38 UJ S	0.38 R S	0.39 U
4,4'-DDT	ug/kg	2.6 J Z	0.9	1.5 J S	0.10 J S, Z	0.86 J S	0.31 J S, Z	1.2 J FD, Q
Endrin Ketone	ug/kg	0.38 U	0.38 U	0.38 U	0.40 UJ S	0.38 UJ S	0.38 R S	0.32 J FD, Q, Z
Chlordane	ug/kg	38 U	3.8 U	3.3 J S, Z	1.3 J S, Z	1.6 J S, Z	3.8 R S	3.9 U
Gamma-BHC (Lindane)	ug/kg	0.18 U	0.18 U	0.19 U	0.19 UJ S	0.19 UJ S	0.19 R S	0.19 U
Dieldrin	ug/kg	1.6 U	0.38 U	0.38 U	0.40 UJ S	0.38 UJ S	0.38 R S	0.39 U
Endrin	ug/kg	0.38 U	0.38 U	0.38 U	0.40 UJ S	0.38 UJ S	0.38 R S	0.39 U
Methoxychlor	ug/kg	1.8 U	1.8 U	1.9 U	1.9 UJ S	1.9 UJ S	1.9 R S	1.9 U
4,4'-DDD	ug/kg	0.38 U	0.38 U	0.38 U	0.40 UJ S	0.38 UJ S	0.38 R S	0.26 J FD, Z
4,4'-DDE	ug/kg	1.9 J S	0.38 U	0.36 J S, Z	0.40 UJ S	0.096 J S, Z	0.23 J S, Z	0.39 J Q
Endrin Aldehyde	ug/kg	0.49 U	0.38 U	0.38 U	0.40 UJ S	0.38 UJ S	0.38 R S	0.39 U
Heptachlor	ug/kg	0.18 U	0.18 U	0.19 U	0.19 UJ S	0.19 UJ S	0.12 J S, Z	0.10 J FD, Z
Endosulfan I	ug/kg	0.18 U	0.18 U	0.19 U	0.19 UJ S	0.19 UJ S	0.19 R S	0.19 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-090-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-091-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-092-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-093-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-094-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-095-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-097-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	2.1 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U
Dicamba	ug/kg	1.5 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
2,2-Dichlor-Propionic Acid	ug/kg	11 U	9.8 U	10 U	9.8 U	9.9 U	9.6 U	10 U
Dinitrobutyl Phenol	ug/kg	3.0 U	2.6 U	2.7 U	2.6 U	2.6 U	2.6 U	2.7 U
MCPP	ug/kg	310 U	270 U	280 U	270 U	280 U	270 U	280 U
2,4,5-TP	ug/kg	0.21 U	0.10 J Z	0.16 J Z	0.15 J Z	0.097 J Z	0.26	0.22
2,4,5-T	ug/kg	0.21 U	0.19 U	0.19 U	0.18 U	0.19 U	0.32 U	0.19 U
MCPA	ug/kg	310 U	270 U	280 U	730	280 U	1000	780 U
2,4-D	ug/kg	4.5 U	3.9 U	4.0 U	3.9 U	4.0 U	3.8 U	4.0 U
2,4 DB	ug/kg	2.1 U	1.9 U	1.9 U	1.8 U	1.9 U	2.5 U	5.5 U
Toxaphene	ug/kg	4.3 J Z	7.2 U	7.4 U	7.2 U	7.3 U	7.1 U	7.4 U
Heptachlor Epoxide	ug/kg	0.21 U	0.050 J Z	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U
Endosulfan Sulfate	ug/kg	0.42 U	0.37 U	0.27 J Z	0.37 U	0.38 U	0.36 U	0.38 U
Mirex	ug/kg	0.26 J Z	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U	0.38 U
Aldrin	ug/kg	0.21 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U
Alpha-BHC	ug/kg	0.21 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U
Beta-BHC	ug/kg	0.21 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U
Delta-BHC	ug/kg	0.21 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U
Endosulfan II	ug/kg	0.42 U	0.37 U	0.71	0.37 U	0.38 U	0.36 U	0.38 U
4,4'-DDT	ug/kg	0.17 J Z	0.85	1.8	1.3	2.0 J Q	3.6	0.98
Endrin Ketone	ug/kg	0.42 U	0.37 U	0.38 U	0.37 U	0.38 R Q	0.36 U	0.38 U
Chlordane	ug/kg	4.2 U	2.3 J Z	2.7 J Z	2.4 J Z	2.0 J Z	4.7	1.4 J Z
Gamma-BHC (Lindane)	ug/kg	0.21 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U
Dieldrin	ug/kg	0.42 U	0.37 U	0.38 U	0.37 U	0.38 U	1.2	0.38 U
Endrin	ug/kg	0.42 U	0.37 U	0.38 U	0.37 U	0.49 R Q	0.36 U	0.38 U
Methoxychlor	ug/kg	2.1 U	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U
4,4'-DDD	ug/kg	0.42 U	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U	0.38 U
4,4'-DDE	ug/kg	0.42 U	0.79	0.74	0.62	0.68 J Q	1	0.4
Endrin Aldehyde	ug/kg	0.42 U	0.37 U	0.38 U	0.37 U	0.38 U	0.36 U	0.38 U
Heptachlor	ug/kg	0.31	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.19 U
Endosulfan I	ug/kg	0.21 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 U	0.19 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-098-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-099-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-100-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-101-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-102-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-103-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-104-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U
Dicamba	ug/kg	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
2,2-Dichlor-Propionic Acid	ug/kg	10 U	9.5 U	9.6 U	9.6 U	9.8 U	9.8 U	9.5 U
Dinitrobutyl Phenol	ug/kg	2.7 U	2.5 U	2.6 U	2.6 U	2.6 U	2.6 U	2.5 U
MCPP	ug/kg	280 U	260 U	270 U	340 U	270 U	270 U	270 U
2,4,5-TP	ug/kg	0.19 U	0.28	0.18 U	0.18 U	0.27	0.3	0.17 J Z
2,4,5-T	ug/kg	0.19 U	0.18 U	0.18 U	0.27 U	0.18 U	0.19 U	0.18 U
MCPA	ug/kg	760 U	700	360	130 J Z	840 U	1000	530
2,4-D	ug/kg	4.0 U	3.8 U	3.8 U	3.8 U	3.9 U	3.9 U	3.8 U
2,4 DB	ug/kg	6.0 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U
Toxaphene	ug/kg	7.4 U	7.0 U	7.0 UJ S	7.1 U	7.2 U	7.2 U	7.0 R S
Heptachlor Epoxide	ug/kg	0.19 U	0.19 J S	0.18 UJ S	0.18 U	0.18 U	0.18 U	0.18 R S
Endosulfan Sulfate	ug/kg	0.38 U	0.36 U	0.36 UJ S	0.36 U	0.37 U	0.37 U	7.3 U
Mirex	ug/kg	0.38 U	0.36 U	0.36 UJ S	0.46 U	0.37 U	0.37 U	7.3 U
Aldrin	ug/kg	0.19 U	0.18 U	0.18 UJ S	0.18 U	0.18 U	0.18 U	0.18 R S
Alpha-BHC	ug/kg	0.045 J S, Z	0.18 U	0.18 UJ S	0.18 U	0.18 U	0.18 U	0.18 R S
Beta-BHC	ug/kg	0.19 U	0.18 U	0.18 UJ S	0.18 U	0.18 U	0.18 U	0.18 R S
Delta-BHC	ug/kg	0.090 J S, Z	0.18 U	0.18 UJ S	0.18 U	0.18 U	0.18 U	0.087 J S, Z
Endosulfan II	ug/kg	0.45 U	0.36 U	0.36 UJ S	0.36 U	0.37 U	0.37 U	0.36 R S
4,4'-DDT	ug/kg	2.4 J S	2.8 J S	1.9 J L	2.6 J S	2.1 J S	5	3.7 J Z
Endrin Ketone	ug/kg	0.38 U	0.36 U	0.36 UJ S	0.36 U	0.37 U	0.37 U	7.3 U
Chlordane	ug/kg	3.8 U	4.2 J S	2.2 J S, Z	5.7 J S	3.0 J S, Z	3.7 U	3.6 R S
Gamma-BHC (Lindane)	ug/kg	0.19 U	0.18 U	0.18 UJ S	0.11 J S, Z	0.18 U	0.18 U	0.18 R S
Dieldrin	ug/kg	0.49 J S	0.82 J S	0.36 UJ S	0.36 U	0.46 J S	0.63	1.4 R S
Endrin	ug/kg	0.38 U	0.36 U	0.36 UJ S	0.36 U	0.43 U	0.37 U	0.36 R S
Methoxychlor	ug/kg	1.9 U	1.8 U	1.8 UJ S	1.8 U	1.8 U	1.8 U	35 U
4,4'-DDD	ug/kg	2.7 U	0.36 U	0.36 UJ S	0.36 U	0.37 U	0.51 U	2.2 R S
4,4'-DDE	ug/kg	3.1 J S	5.1	2.5	1.4 J S	2.5 J S	14	15
Endrin Aldehyde	ug/kg	0.38 U	0.36 U	0.36 UJ S	0.36 U	0.37 U	0.37 U	7.3 U
Heptachlor	ug/kg	0.15 J S, Z	0.18 U	0.18 UJ S	0.28 J S	0.18 U	0.18 U	0.18 R S
Endosulfan I	ug/kg	0.19 U	0.18 U	0.18 UJ S	0.18 U	0.18 U	0.18 U	0.18 R S

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-105-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-106-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-107-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-108-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-109-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-110-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-111-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.8 U	1.8 U	1.4 J Z	1.8 U	1.8 U	1.5 J Z	1.9 U
Dicamba	ug/kg	1.3 U	1.3 U	1.3 U	0.56 J FD, Z	1.3 U	1.3 U	1.3 U
2,2-Dichlor-Propionic Acid	ug/kg	9.6 U	9.6 U	9.4 U	9.4 U	9.7 U	9.8 U	10 U
Dinitrobutyl Phenol	ug/kg	2.6 U	2.6 U	2.5 U	2.5 U	2.6 U	2.6 U	2.7 U
MCPP	ug/kg	280	270 U	260 U	260 U	270 U	270 U	280 U
2,4,5-TP	ug/kg	0.18 U	0.090 J Z	0.18 U	0.11 J FD, Q, Z	0.12 J Z	0.18 J Z	0.19 U
2,4,5-T	ug/kg	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U	0.19 U
MCPA	ug/kg	510	660 U	510	820 J FD, Q	570	1300	630
2,4-D	ug/kg	3.8 U	3.8 U	3.8 U	3.8 U	3.9 U	3.9 U	4.0 U
2,4 DB	ug/kg	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.9 U	1.9 U
Toxaphene	ug/kg	7.0 UJ S	7.0 UJ S	6.9 U	7.0 U	7.2 U	7.2 U	7.3 U
Heptachlor Epoxide	ug/kg	0.22 UJ S	0.18 UJ S	0.17 U	0.18 U	0.33 U	0.18 U	0.10 J Z
Endosulfan Sulfate	ug/kg	0.36 UJ S	0.36 UJ S	0.35 U	0.36 U	0.37 U	0.37 U	0.38 U
Mirex	ug/kg	0.36 UJ S	0.36 UJ S	0.35 U	0.36 U	0.37 U	0.37 U	0.38 U
Aldrin	ug/kg	0.18 UJ S	0.18 UJ S	0.17 U	0.18 R Q	0.18 U	0.18 U	0.18 U
Alpha-BHC	ug/kg	0.18 UJ S	0.18 UJ S	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
Beta-BHC	ug/kg	0.18 UJ S	0.18 UJ S	0.17 U	0.18 R Q	0.18 U	0.18 U	0.18 U
Delta-BHC	ug/kg	0.18 UJ S	0.18 UJ S	0.17 U	0.18 R Q	0.18 U	0.18 U	0.18 U
Endosulfan II	ug/kg	0.36 UJ S	0.36 UJ S	0.35 U	0.36 UJ Q	0.37 U	0.37 U	0.38 U
4,4'-DDT	ug/kg	3.8 J L	1.1 J S, L	26 J L	4.1 J L	4.7 J L	1.8	1.7
Endrin Ketone	ug/kg	0.36 UJ S	0.11 J S, Z	0.084 J Z	0.36 UJ Q	0.37 U	0.37 U	0.38 U
Chlordane	ug/kg	2.8 J S, Z	3.6 UJ S	5	3.3 J Z	3.6 J Z	2.0 J Z	2.5 J Z
Gamma-BHC (Lindane)	ug/kg	0.18 UJ S	0.18 UJ S	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
Dieldrin	ug/kg	0.47 UJ S	0.11 J S, Z	1.9	0.39 U	0.47 U	0.37 U	0.29 J Z
Endrin	ug/kg	0.36 UJ S	0.099 J S, L, Z	0.35 U	0.36 U	0.71 U	0.37 U	0.38 U
Methoxychlor	ug/kg	1.8 UJ S	1.8 UJ S	0.49 J L, Z	1.8 U	1.8 U	1.8 U	1.8 U
4,4'-DDD	ug/kg	1.5 J S	0.36 UJ S	1	0.42 U	0.45 U	0.37 U	0.35 J Z
4,4'-DDE	ug/kg	12	2.5 J S	29	9.8	14	3	2.6
Endrin Aldehyde	ug/kg	0.36 UJ S	0.081 J S, Z	0.35 U	0.36 U	0.37 U	0.37 U	0.11 J Z
Heptachlor	ug/kg	0.18 UJ S	0.18 UJ S	0.17 U	0.18 U	0.18 U	0.18 U	0.18 U
Endosulfan I	ug/kg	0.18 UJ S	0.18 UJ S	0.22 U	0.18 U	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

Sample Name Sample Date SDG Start Depth End Depth		SL-112-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-113-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-114-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-117-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-118-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-119-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-120-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U
Dicamba	ug/kg	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
2,2-Dichlor-Propionic Acid	ug/kg	9.8 U	9.9 U	9.5 U	9.9 U	9.9 U	9.9 U	9.8 U
Dinitrobutyl Phenol	ug/kg	2.6 U	2.6 U	2.5 U	2.6 U	2.6 U	2.6 U	2.6 U
MCPP	ug/kg	270 U	270 U	270 U	280 U	270 U	280 U	270 U
2,4,5-TP	ug/kg	0.14 J Z	0.25	0.13 J Z	0.19 U	0.19 U	0.19 U	0.19 U
2,4,5-T	ug/kg	0.19 U	0.19 U	0.18 U	0.19 U	0.19 U	0.19 U	0.19 U
MCPA	ug/kg	880 U	910	930	490 UJ FD	280	670	680
2,4-D	ug/kg	3.9 U	3.9 U	3.8 U	4.0 U	3.9 U	4.0 U	3.9 U
2,4 DB	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	5.2 U	1.9 U	1.9 U
Toxaphene	ug/kg	7.2 U	7.2 U	7.1 U	7.3 U	7.3 U	7.3 U	7.3 UJ S
Heptachlor Epoxide	ug/kg	0.31 U	0.18 U	0.18 U	0.095 J FD, S, Z	0.18 U	0.18 U	0.19 UJ S
Endosulfan Sulfate	ug/kg	0.37 U	0.37 U	0.36 U	0.38 U	0.37 U	0.38 U	0.37 UJ S
Mirex	ug/kg	0.37 U	0.37 U	0.36 U	0.38 UJ FD	0.31 J Z	0.38 U	0.37 UJ S
Aldrin	ug/kg	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 UJ S
Alpha-BHC	ug/kg	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 UJ S
Beta-BHC	ug/kg	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 UJ S
Delta-BHC	ug/kg	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.086 J S, Z	0.18 UJ S
Endosulfan II	ug/kg	0.37 U	0.37 U	0.36 U	0.38 U	0.37 U	0.38 U	0.37 UJ S
4,4'-DDT	ug/kg	2.9 J S	3.5	1.3	1.1 J S	0.16 J Z	1.4 J S	1.4 J S
Endrin Ketone	ug/kg	0.37 U	0.37 U	0.36 U	0.38 U	0.37 U	0.38 U	0.37 UJ S
Chlordane	ug/kg	2.2 J S, Z	3.7 J S	3.6 U	2.3 J S, Z	3.7 U	5.6 J S	9.3 J S
Gamma-BHC (Lindane)	ug/kg	0.18 U	0.18 U	0.043 J Z	0.18 U	0.18 U	0.18 U	0.18 UJ S
Dieldrin	ug/kg	0.37 U	0.53 U	1.2	0.38 U	0.37 U	0.84 U	2.9 UJ S
Endrin	ug/kg	0.37 U	0.37 U	0.41 U	0.38 U	0.37 U	0.38 U	0.37 UJ S
Methoxychlor	ug/kg	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 UJ S
4,4'-DDD	ug/kg	0.81 U	0.37 U	0.36 U	0.38 U	0.076 J Z	0.38 U	0.37 UJ S
4,4'-DDE	ug/kg	5.7	7	0.38	0.52 J S	0.19 J Z	0.31 J S, Z	0.39 J S
Endrin Aldehyde	ug/kg	0.37 U	0.37 U	0.36 U	0.38 U	0.37 U	0.38 U	0.37 UJ S
Heptachlor	ug/kg	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 UJ S
Endosulfan I	ug/kg	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 UJ S

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-121-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-122-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-123-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-124-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-125-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-126-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-127-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.6 J Z	2.0 U	1.8 U	1.8 U	1.9 U	1.8 U	1.7 U
Dicamba	ug/kg	1.3 U	1.4 U	1.3 U	1.3 U	1.3 U	1.3 U	1.2 U
2,2-Dichlor-Propionic Acid	ug/kg	9.7 U	11 U	9.7 U	9.7 U	9.9 U	9.6 U	9.2 U
Dinitrobutyl Phenol	ug/kg	2.6 U	2.8 U	2.6 U	2.6 U	2.6 U	2.6 U	2.4 U
MCPP	ug/kg	270 U	290 U	270 U	270 U	280 U	270 U	250 U
2,4,5-TP	ug/kg	0.17 J Z	0.20 U	0.17 J Z	0.18 U	0.21 U	0.18 U	0.17 U
2,4,5-T	ug/kg	0.18 U	0.20 U	0.18 U	0.18 U	0.19 U	0.18 U	0.17 U
MCPA	ug/kg	830	450 U	1000	800	1200	990	900 U
2,4-D	ug/kg	3.9 U	4.2 U	3.9 U	3.9 U	4.0 U	3.9 U	3.7 U
2,4 DB	ug/kg	1.8 U	2.0 U	3.2 U	6.0 U	2.0 U	1.8 U	2.2 U
Toxaphene	ug/kg	7.1 U	7.8 U	7.1 U	7.2 UJ S	7.3 U	7.1 UJ S	6.7 U
Heptachlor Epoxide	ug/kg	0.18 U	0.22 U	0.18 U	0.18 UJ S	0.18 U	0.18 UJ S	0.30 U
Endosulfan Sulfate	ug/kg	0.39 U	0.40 U	0.37 U	0.37 UJ S	0.37 U	0.36 UJ S	0.35 U
Mirex	ug/kg	0.36 U	0.40 U	0.37 U	0.37 UJ S	0.37 U	0.36 UJ S	0.64 U
Aldrin	ug/kg	0.18 U	0.20 U	0.18 U	0.18 UJ S	0.18 U	0.18 UJ S	0.17 U
Alpha-BHC	ug/kg	0.18 U	0.20 U	0.18 U	0.18 UJ S	0.18 U	0.18 UJ S	0.17 U
Beta-BHC	ug/kg	0.18 U	0.20 U	0.18 U	0.18 UJ S	0.18 U	0.18 UJ S	0.17 U
Delta-BHC	ug/kg	0.076 J S, Z	0.20 U	0.18 U	0.18 UJ S	0.18 U	0.20 UJ S	0.17 U
Endosulfan II	ug/kg	0.36 U	0.40 U	0.37 U	0.37 UJ S	0.37 U	0.36 UJ S	0.35 U
4,4'-DDT	ug/kg	2.3 J S	1.3 J S	12 J L	0.44 J S, L	1	1.5 J S, L	2.0 J L
Endrin Ketone	ug/kg	0.36 U	0.40 U	0.37 U	0.37 UJ S	0.37 U	0.36 UJ S	0.35 U
Chlordane	ug/kg	4.6 J S	3.0 J S, Z	3.2 J S, Z	1.5 J S, Z	1.9 J Z	4.2 J S	14
Gamma-BHC (Lindane)	ug/kg	0.18 U	0.20 U	0.18 U	0.18 UJ S	0.18 U	0.18 UJ S	0.17 U
Dieldrin	ug/kg	0.55 J S	0.40 U	1.5 U	0.37 UJ S	0.37 U	0.36 UJ S	0.35 U
Endrin	ug/kg	0.36 U	0.40 U	0.37 U	0.37 UJ S	0.37 U	0.36 UJ S	0.35 U
Methoxychlor	ug/kg	1.8 U	2.0 U	1.8 U	1.8 UJ S	1.8 U	1.8 UJ S	1.7 U
4,4'-DDD	ug/kg	0.36 U	0.40 U	0.47 U	0.37 UJ S	0.37 U	0.36 UJ S	0.35 U
4,4'-DDE	ug/kg	0.36 U	0.50 J S	77	0.76 J S	1.5	2.9	3
Endrin Aldehyde	ug/kg	0.36 U	0.40 U	0.37 U	0.37 UJ S	0.37 U	0.36 UJ S	0.35 U
Heptachlor	ug/kg	0.18 U	0.20 U	0.18 U	0.18 UJ S	0.18 U	0.18 UJ S	0.17 U
Endosulfan I	ug/kg	0.18 U	0.20 U	0.28 U	0.18 UJ S	0.18 U	0.18 UJ S	0.17 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-128-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-129-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-130-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-131-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-132-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-133-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-134-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.9 U	1.8 U	1.8 U	2.9	1.0 J Z	1.7 U	1.7 U
Dicamba	ug/kg	1.3 U	1.3 U	1.3 U	1.2 U	1.2 U	1.2 U	1.2 U
2,2-Dichlor-Propionic Acid	ug/kg	10 U	9.6 U	9.4 U	9.3 U	9.1 U	9.2 U	9.3 U
Dinitrobutyl Phenol	ug/kg	2.7 U	2.6 U	2.5 U	2.5 R L	2.4 R L	2.5 R L	2.5 R L
MCPP	ug/kg	280 U	270 U	260 U	260 U	130 J Z	260 U	260 U
2,4,5-TP	ug/kg	0.19 U	0.10 J Z	0.18 U	0.18 U	0.17 U	0.17 U	0.17 U
2,4,5-T	ug/kg	0.19 U	0.18 U	0.18 U	0.18 U	0.17 U	0.17 U	0.17 U
MCPA	ug/kg	280 U	1100 U	260 U	930	350 U	320	940
2,4-D	ug/kg	4.0 U	3.8 U	3.8 U	3.7 U	3.7 U	3.7 U	3.7 U
2,4 DB	ug/kg	1.9 U	5.7 U	1.8 U	1.8 U	1.7 U	1.7 U	1.7 U
Toxaphene	ug/kg	7.4 R S	7.1 U	6.9 U	6.9 U	6.7 U	6.8 U	6.8 U
Heptachlor Epoxide	ug/kg	0.19 R S	0.18 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Endosulfan Sulfate	ug/kg	0.38 R S	0.36 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Mirex	ug/kg	0.38 R S	0.36 U	0.44 U	0.35 U	0.35 U	0.35 U	0.35 U
Aldrin	ug/kg	0.19 R S	0.18 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Alpha-BHC	ug/kg	0.19 R S	0.18 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Beta-BHC	ug/kg	0.19 R S	0.18 U	0.17 U	0.17 U	0.17 U	2.7	0.17 U
Delta-BHC	ug/kg	0.19 R S	0.18 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Endosulfan II	ug/kg	0.38 R S	0.42 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
4,4'-DDT	ug/kg	0.38 R S	0.36 U	1.2 J S, L	1	1	2.4	1
Endrin Ketone	ug/kg	0.38 R S	0.36 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Chlordane	ug/kg	1.0 J S, Z	3.3 J S, Z	2.2 J S, Z	2.5 J Z	1.8 J Z	2.4 J Z	3.5 U
Gamma-BHC (Lindane)	ug/kg	0.19 R S	0.18 U	0.17 U	0.17 U	0.17 U	0.089 J Z	0.17 U
Dieldrin	ug/kg	0.38 R S	0.40 J S	0.35 U	2	0.59	0.81	0.24 J Z
Endrin	ug/kg	0.38 R S	0.36 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Methoxychlor	ug/kg	1.9 R S	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
4,4'-DDD	ug/kg	0.38 R S	0.36 U	0.55 U	0.35 U	0.35 U	0.35 U	0.35 U
4,4'-DDE	ug/kg	0.38 R S	0.51 J S	0.99 J S	1.1	0.65	0.45	0.14 J Z
Endrin Aldehyde	ug/kg	0.38 R S	0.36 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Heptachlor	ug/kg	0.19 R S	0.10 J S, Z	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Endosulfan I	ug/kg	0.19 R S	0.18 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-135-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-136-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-137-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-138-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-139-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-140-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-141-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U
Dicamba	ug/kg	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.3 U
2,2-Dichlor-Propionic Acid	ug/kg	9.2 U	9.1 U	9.1 U	9.2 U	9.1 U	9.1 U	9.6 U
Dinitrobutyl Phenol	ug/kg	2.5 R L	2.4 R L	2.4 R L	2.5 R L	2.7 R L	2.4 R L	2.6 R L
MCPP	ug/kg	260 U	250 U	250 U	260 U	250 U	250 U	270 U
2,4,5-TP	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.28
2,4,5-T	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
MCPA	ug/kg	1400	710	540	290 J FD, Q	250 U	250 U	270 U
2,4-D	ug/kg	3.7 U	3.7 U	3.7 U	3.7 U	3.6 U	3.7 U	3.8 U
2,4 DB	ug/kg	1.7 U	1.7 U	1.7 U	1.7 U	3.1 U	2.0 U	4.4 U
Toxaphene	ug/kg	6.7 U	6.7 UJ S	6.8 UJ S	6.8 U	6.7 U	6.7 U	7.1 U
Heptachlor Epoxide	ug/kg	0.17 U	0.063 J S, Z	0.035 J S, Z	0.17 U	0.17 U	0.25 U	0.43 U
Endosulfan Sulfate	ug/kg	0.35 U	0.35 UJ S	0.35 UJ S	0.35 U	0.34 U	0.35 U	0.36 U
Mirex	ug/kg	0.35 U	0.35 UJ S	0.14 J S, Z	0.35 UJ FD	0.34 U	0.35 U	0.36 U
Aldrin	ug/kg	0.17 U	0.17 UJ S	0.17 UJ S	0.17 U	0.17 U	0.17 U	0.18 U
Alpha-BHC	ug/kg	0.17 U	0.17 UJ S	0.17 UJ S	0.17 U	0.17 U	0.17 U	0.18 U
Beta-BHC	ug/kg	0.17 U	0.17 UJ S	0.17 UJ S	0.17 U	0.17 U	0.17 U	0.52
Delta-BHC	ug/kg	0.17 U	0.17 UJ S	0.17 UJ S	0.17 U	0.17 U	0.17 U	0.18 U
Endosulfan II	ug/kg	0.35 U	0.35 UJ S	0.35 UJ S	0.35 U	0.34 U	0.35 U	0.36 U
4,4'-DDT	ug/kg	0.84	2.5 J S	1.7 J S	0.35 UJ FD	0.34 U	3.1	2.2
Endrin Ketone	ug/kg	0.35 U	0.35 UJ S	0.35 UJ S	0.35 U	0.34 U	0.35 U	0.36 U
Chlordane	ug/kg	7.4	1.4 J S, Z	3.0 J S, Z	3.5 UJ FD	3.4 U	1.5 J Z	4.6
Gamma-BHC (Lindane)	ug/kg	0.17 U	0.17 UJ S	0.17 UJ S	0.17 U	0.17 U	0.17 U	0.097 J Z
Dieldrin	ug/kg	1	0.26 J S, Z	1.1 J S	0.35 UJ FD	0.34 U	0.56 U	0.89 U
Endrin	ug/kg	0.35 U	0.35 UJ S	0.35 UJ S	0.35 U	0.34 U	0.35 U	0.36 U
Methoxychlor	ug/kg	1.7 U	1.7 UJ S	1.7 UJ S	1.7 U	1.7 U	1.7 U	1.8 U
4,4'-DDD	ug/kg	0.35 U	0.35 UJ S	0.35 UJ S	0.35 U	0.34 U	0.35 U	0.36 U
4,4'-DDE	ug/kg	0.35 U	0.87 J S	0.42 J S	0.35 UJ FD	0.34 U	0.81	0.47
Endrin Aldehyde	ug/kg	0.35 U	0.35 UJ S	0.35 UJ S	0.35 UJ FD	0.34 U	0.35 U	0.58 U
Heptachlor	ug/kg	0.17 U	0.17 UJ S	0.17 UJ S	0.17 U	0.17 U	0.17 U	0.18 U
Endosulfan I	ug/kg	0.17 U	0.17 UJ S	0.17 UJ S	0.17 U	0.17 U	0.17 U	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-142-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-143-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-144-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-145-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-148-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-149-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-150-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	0.87 J Z	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U	1.8 U
Dicamba	ug/kg	1.2 U	1.3 U	1.2 U	1.2 U	1.3 U	1.3 U	1.3 U
2,2-Dichlor-Propionic Acid	ug/kg	9.3 U	9.4 U	9.3 U	9.2 U	9.4 U	9.6 U	9.6 U
Dinitrobutyl Phenol	ug/kg	2.5 R L	2.5 R L	2.5 R L	2.5 R L	2.5 U	2.6 R L	2.6 R L
MCPP	ug/kg	260 U	260 U	260 U	260 U	260 U	270 U	270 U
2,4,5-TP	ug/kg	0.18 U	0.18 U	0.18 U	0.080 J Z	0.12 J Z	0.18 U	0.12 J Z
2,4,5-T	ug/kg	0.18 U	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U	0.18 U
MCPA	ug/kg	260 U	260 U	360 U	260 U	370 U	270 U	270 U
2,4-D	ug/kg	3.7 U	3.8 U	3.7 U	3.7 U	3.8 U	3.8 U	3.8 U
2,4 DB	ug/kg	1.8 U	8.9 U	5.4 U	1.7 U	1.8 U	3.6 U	3.1 U
Toxaphene	ug/kg	6.9 U	6.9 U	6.8 U	6.8 U	6.9 U	7.1 U	7.1 U
Heptachlor Epoxide	ug/kg	0.43 U	0.17	0.17 U	0.17 U	0.81 U	0.18 U	0.13 J Z
Endosulfan Sulfate	ug/kg	0.35 U	0.36 U	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U
Mirex	ug/kg	0.35 U	0.70 U	0.27 J Z	0.15 J Z	0.36 U	0.37 U	0.15 J Z
Aldrin	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U	0.18 U
Alpha-BHC	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U	0.18 U
Beta-BHC	ug/kg	0.17 U	2.1	0.17 U	0.17 U	0.17 U	0.75	0.18 U
Delta-BHC	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U	0.057 J Z
Endosulfan II	ug/kg	0.35 U	0.36 U	0.35 U	0.074 J Z	0.36 U	0.37 U	0.16 J Z
4,4'-DDT	ug/kg	2.4	4	0.81	0.58	0.57 J L	0.37 U	0.93
Endrin Ketone	ug/kg	0.35 U	0.36 U	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U
Chlordane	ug/kg	5.3	4.9	3.1 J Z	1.9 J Z	3.6 U	3.7 U	2.1 J Z
Gamma-BHC (Lindane)	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U	0.18 U
Dieldrin	ug/kg	0.35 U	0.63 U	0.35 U	0.10 J Z	0.36 U	0.37 U	0.36 U
Endrin	ug/kg	0.35 U	0.36 U	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U
Methoxychlor	ug/kg	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	1.8 U
4,4'-DDD	ug/kg	0.35 U	0.36 U	0.35 U	0.35 U	0.36 U	0.37 U	0.36 U
4,4'-DDE	ug/kg	0.9	0.82	0.44	0.82	0.64 U	0.12 J Z	0.88
Endrin Aldehyde	ug/kg	0.44 U	0.91	0.16 J Z	0.35 U	0.36 U	0.37 U	0.20 J Z
Heptachlor	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U	0.18 U
Endosulfan I	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 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

Sample Name Sample Date SDG Start Depth End Depth		SL-151-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-152-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-153-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-154-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-155-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-156-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-157-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.8 U	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U
Dicamba	ug/kg	1.2 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	0.46 J Z, *#
2,2-Dichlor-Propionic Acid	ug/kg	9.3 U	9.6 U	9.6 U	9.8 U	9.4 U	10 U	10 U
Dinitrobutyl Phenol	ug/kg	2.5 R L	2.6 U	2.6 U	2.6 U	2.5 U	2.7 U	2.7 U
MCPP	ug/kg	260 U	270 U	270 U	270 U	260 U	280 U	280 U
2,4,5-TP	ug/kg	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U
2,4,5-T	ug/kg	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U
MCPA	ug/kg	260 U	270 U	460 J *#	270 U	260 U	280 U	280 U
2,4-D	ug/kg	3.7 U	3.8 U	3.9 U	3.9 U	3.8 U	4.0 U	4.0 U
2,4 DB	ug/kg	5.5 U	1.8 U	1.8 U	1.9 U	2.0 U	4.7 U	2.1 U
Toxaphene	ug/kg	6.9 U	18 U	7.1 UJ S	7.3 U	6.9 U	7.4 U	7.4 U
Heptachlor Epoxide	ug/kg	0.17 U	0.45 U	0.18 UJ S	0.18 U	0.17 U	0.19 U	0.19 U
Endosulfan Sulfate	ug/kg	0.35 U	0.91 U	0.37 UJ S	0.37 U	0.36 U	0.38 U	0.38 U
Mirex	ug/kg	0.35 U	0.91 U	0.37 UJ S	0.37 U	0.36 U	0.38 U	0.38 U
Aldrin	ug/kg	0.17 U	0.45 U	0.18 UJ S	0.18 U	0.17 U	0.19 U	0.19 U
Alpha-BHC	ug/kg	0.17 U	0.45 U	0.18 UJ S	0.18 U	0.17 U	0.19 U	0.19 U
Beta-BHC	ug/kg	0.17 U	1.0 J *#	0.18 UJ S	0.15 J Z, *#	0.17 U	0.19 U	0.19 U
Delta-BHC	ug/kg	0.17 U	0.45 U	0.18 UJ S	0.18 U	0.063 J FD, Z	0.19 U	0.048 J Z, *#
Endosulfan II	ug/kg	0.35 U	0.91 U	0.099 J S, Z	0.37 U	0.15 J FD, Z	0.38 U	0.38 U
4,4'-DDT	ug/kg	0.35 U	0.91 U	0.37 UJ S	0.37 U	0.37 J FD	0.27 J Z, *#	0.39 U
Endrin Ketone	ug/kg	0.35 U	0.91 U	0.37 UJ S	0.14 J Z	0.36 UJ FD	0.14 J Z, *#	0.38 U
Chlordane	ug/kg	3.5 U	9.1 U	1.8 J S, Z, *#	3.1 J Z, *#	2.5 J Z	4.7 J *#	3.5 J Z
Gamma-BHC (Lindane)	ug/kg	0.17 U	0.45 U	0.18 UJ S	0.18 U	0.17 U	0.19 U	0.19 U
Dieldrin	ug/kg	0.35 U	0.91 U	0.37 UJ S	0.37 U	0.36 U	0.38 U	0.38 U
Endrin	ug/kg	0.35 U	0.91 U	0.37 UJ S	0.37 U	0.36 U	0.38 U	0.38 U
Methoxychlor	ug/kg	1.7 U	4.5 U	1.8 UJ S	1.8 U	1.7 U	1.9 U	1.9 U
4,4'-DDD	ug/kg	0.35 U	0.26 J Z, *#	0.37 UJ S	0.37 U	0.36 U	0.44 J *#	0.38 U
4,4'-DDE	ug/kg	0.35 U	0.91 U	0.093 J S, Z	0.37 U	0.29 J FD, Z, *#	0.40 J *#	0.53 J *#
Endrin Aldehyde	ug/kg	0.35 U	0.91 U	0.37 UJ S	0.37 U	0.23 J FD, Z, *#	0.38 U	0.38 U
Heptachlor	ug/kg	0.17 U	0.45 U	0.18 UJ S	0.18 U	0.17 U	0.19 U	0.19 U
Endosulfan I	ug/kg	0.17 U	0.45 U	0.18 UJ S	0.18 U	0.17 U	0.19 U	0.19 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-158-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-159-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-160-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-162-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-164-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-165-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-166-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Dicamba	ug/kg	1.3 U	1.3 U	1.2 U	1.3 U	1.3 U	1.3 U	1.3 U
2,2-Dichlor-Propionic Acid	ug/kg	9.7 U	10 U	9.3 U	10 U	9.9 U	9.7 U	10 U
Dinitrobutyl Phenol	ug/kg	2.6 U	2.7 U	2.5 U	2.7 U	2.6 U	2.6 U	2.7 U
MCPP	ug/kg	270 U	280 U	260 U	280 U	270 U	270 U	280 U
2,4,5-TP	ug/kg	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U
2,4,5-T	ug/kg	0.18 U	0.19 U	0.18 U	0.19 U	0.19 U	0.18 U	0.19 U
MCPA	ug/kg	270 U	280 U	330 J *#	370	230 J Q, Z	340	500
2,4-D	ug/kg	3.9 U	4.0 U	3.7 U	4.0 U	3.9 U	3.9 U	4.0 U
2,4 DB	ug/kg	3.6 U	1.9 U	1.8 U	1.9 U	2.6 U	1.8 U	1.9 U
Toxaphene	ug/kg	7.1 UJ C	7.4 UJ C	6.8 UJ C	7.4 UJ C	7.3 UJ S	7.1 U	7.3 UJ S, C
Heptachlor Epoxide	ug/kg	0.18 UJ C	0.19 UJ C	0.17 UJ C	0.19 UJ C	0.18 UJ S	0.053 J Z	0.18 UJ S, C
Endosulfan Sulfate	ug/kg	0.37 UJ C	0.38 UJ C	0.35 UJ C	0.38 UJ C	0.37 UJ S	0.37 U	0.38 UJ S, C
Mirex	ug/kg	0.37 UJ C	0.38 UJ C	0.35 UJ C	0.38 UJ C	0.37 UJ S	0.37 U	0.38 UJ S, C
Aldrin	ug/kg	0.18 UJ C	0.19 UJ C	0.17 UJ C	0.19 UJ C	0.18 UJ S	0.18 U	0.18 UJ S, C
Alpha-BHC	ug/kg	0.18 UJ C	0.19 UJ C	0.17 UJ C	0.19 UJ C	0.18 UJ S	0.18 U	0.18 UJ S, C
Beta-BHC	ug/kg	0.18 UJ C	0.19 UJ C	0.17 UJ C	0.14 J Z, C	0.12 J S, Q, Z	0.18 U	0.18 UJ S, C
Delta-BHC	ug/kg	0.058 J Z, C, *#	0.067 J Z, C, *#	0.17 UJ C	0.042 J Z, C, *#	0.18 UJ S	0.18 U	0.18 UJ S, C
Endosulfan II	ug/kg	0.37 UJ C	0.38 UJ C	0.35 UJ C	0.38 UJ C	0.10 J S, Z	0.37 U	0.38 UJ S, C
4,4'-DDT	ug/kg	0.35 J Z, C, *#	0.81 UJ C	0.35 UJ C	0.51 J C	0.82 UJ S	1.5 J L	0.46 UJ S, C
Endrin Ketone	ug/kg	0.084 J Z, C	0.38 UJ C	0.35 UJ C	0.38 UJ C	0.37 UJ S	0.37 U	0.38 UJ S, C
Chlordane	ug/kg	2.1 J Z, C	3.3 J Z, C	1.1 J Z, C, *#	4.7 J C	2.5 J S, Z	2.1 J Z	1.1 J S, Z, C, *#
Gamma-BHC (Lindane)	ug/kg	0.18 UJ C	0.19 UJ C	0.17 UJ C	0.19 UJ C	0.18 UJ S	0.18 U	0.18 UJ S, C
Dieldrin	ug/kg	0.37 UJ C	0.38 UJ C	0.35 UJ C	0.38 UJ C	0.37 UJ S	0.5	0.38 UJ S, C
Endrin	ug/kg	0.37 UJ C	0.38 UJ C	0.35 UJ C	0.38 UJ C	0.37 UJ S	0.37 U	0.38 UJ S, C
Methoxychlor	ug/kg	1.8 UJ C	1.9 UJ C	1.7 UJ C	1.9 UJ C	1.8 UJ S	1.8 U	1.8 UJ S, C
4,4'-DDD	ug/kg	0.37 UJ C	0.38 UJ C	0.35 UJ C	0.31 J Z, C, *#	0.37 UJ S	0.37 U	0.38 UJ S, C
4,4'-DDE	ug/kg	0.60 J C, *#	1.1 UJ C	0.16 J Z, C, *#	0.52 UJ C	0.56 UJ S	0.79	0.38 UJ S, C
Endrin Aldehyde	ug/kg	0.37 UJ C	0.38 UJ C	0.35 UJ C	0.38 UJ C	0.37 UJ S	0.37 U	0.13 J S, Z, C
Heptachlor	ug/kg	0.18 UJ C	0.19 UJ C	0.17 UJ C	0.19 UJ C	0.18 UJ S	0.18 U	0.18 UJ S, C
Endosulfan I	ug/kg	0.18 UJ C	0.19 UJ C	0.064 J Z, C	0.19 UJ C	0.18 UJ S	0.18 U	0.18 UJ S, C

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

Sample Name Sample Date SDG Start Depth End Depth		SL-170-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-171-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-172-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-173-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-174-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-175-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-176-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Dicamba	ug/kg	1.2 U	1.3 U	1.3 U	1.3 U	1.2 U	1.3 U	1.2 U
2,2-Dichlor-Propionic Acid	ug/kg	9.3 U	9.6 U	9.7 U	9.5 U	9.3 U	9.6 U	9.3 U
Dinitrobutyl Phenol	ug/kg	2.5 U	2.5 U	2.6 U	2.5 U	2.5 U	2.6 U	2.5 U
MCPP	ug/kg	260 U	270 U	270 U	500 U	260 U	270 U	260 U
2,4,5-TP	ug/kg	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
2,4,5-T	ug/kg	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
MCPA	ug/kg	160 J Z	270 U	220 J Z	260 U	540 U	270 U	260
2,4-D	ug/kg	3.7 U	3.8 U	3.9 U	3.8 U	3.7 U	3.8 U	3.7 U
2,4 DB	ug/kg	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Toxaphene	ug/kg	6.8 U	7.0 U	7.1 UJ S	6.9 U	6.9 U	7.1 U	6.9 U
Heptachlor Epoxide	ug/kg	1.8 U	0.18 U	0.18 UJ S	0.17 U	0.17 U	0.18 U	0.21 U
Endosulfan Sulfate	ug/kg	0.35 U	0.36 U	0.37 UJ S	0.36 U	0.35 U	0.36 U	0.35 U
Mirex	ug/kg	0.35 U	0.73 U	0.37 UJ S	0.79 U	0.35 U	0.36 U	0.35 U
Aldrin	ug/kg	0.17 U	0.18 U	0.18 UJ S	0.17 U	0.17 U	0.18 U	0.17 U
Alpha-BHC	ug/kg	0.17 U	0.18 U	0.18 UJ S	0.17 U	0.17 U	0.18 U	0.17 U
Beta-BHC	ug/kg	0.17 U	0.27 J S	0.18 UJ S	0.17 U	0.17 U	0.18 U	0.17 U
Delta-BHC	ug/kg	0.17 U	0.18 U	0.18 UJ S	0.067 J S, Z	0.17 U	0.18 U	0.17 U
Endosulfan II	ug/kg	0.35 U	0.36 U	0.37 UJ S	0.36 U	0.35 U	0.36 U	0.35 U
4,4'-DDT	ug/kg	2.6 U	0.95 U	0.50 UJ S	1.9 J S, L	0.35 U	0.59 U	1.7 J L
Endrin Ketone	ug/kg	0.35 U	0.36 U	0.37 UJ S	0.36 U	0.35 U	0.36 U	0.35 U
Chlordane	ug/kg	3.5 U	1.2 J S, Z	5.1 J S	2.3 J S, Z	3.5 U	3.6 U	3.5 U
Gamma-BHC (Lindane)	ug/kg	0.17 U	0.041 J S, Z	0.18 UJ S	0.17 U	0.17 U	0.18 U	0.17 U
Dieldrin	ug/kg	1.1 U	0.36 U	0.37 UJ S	0.36 U	0.35 U	0.36 U	0.88 U
Endrin	ug/kg	0.35 U	0.36 U	0.37 UJ S	0.36 U	0.35 U	0.36 U	0.35 U
Methoxychlor	ug/kg	1.7 U	1.8 U	1.8 UJ S	1.7 U	1.7 U	1.8 U	1.7 U
4,4'-DDD	ug/kg	0.35 U	0.36 U	0.37 UJ S	0.36 U	0.35 U	0.36 U	0.35 U
4,4'-DDE	ug/kg	1.3 U	0.36 U	0.37 UJ S	0.36 U	0.35 U	0.36 U	0.50 U
Endrin Aldehyde	ug/kg	0.35 U	0.36 U	0.37 UJ S	0.43 U	0.35 U	0.36 U	0.35 U
Heptachlor	ug/kg	0.17 U	0.18 U	0.18 UJ S	0.17 U	0.17 U	0.18 U	0.86 U
Endosulfan I	ug/kg	0.17 U	0.18 U	0.18 UJ S	0.17 U	0.17 U	0.18 U	0.17 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-179-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-180-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-181-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-182-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-183-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-184-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-185-SA5DN-SS-0.0-0.5 05/24/2011 DE163 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.9 U
Dicamba	ug/kg	1.3 U	1.2 U	1.3 U	1.3 U	1.2 U	1.3 U	1.3 U
2,2-Dichlor-Propionic Acid	ug/kg	9.4 U	9.4 U	9.5 U	9.5 U	9.2 U	9.6 U	9.9 U
Dinitrobutyl Phenol	ug/kg	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.6 U
MCPP	ug/kg	260 U	260 U	260 U	160 J Z	260 U	270 U	280 U
2,4,5-TP	ug/kg	0.18 U	0.18 U	0.18 U	0.18 U	0.17 U	0.18 U	0.19 U
2,4,5-T	ug/kg	0.18 U	0.18 U	0.18 U	0.18 U	0.17 U	0.18 U	0.19 U
MCPA	ug/kg	260 U	210 J Z	660	260 U	260 U	270 U	320 U
2,4-D	ug/kg	3.8 U	3.7 U	3.8 U	3.8 U	3.7 U	3.8 U	4.0 U
2,4 DB	ug/kg	1.8 U	1.8 U	1.2 J Z	1.8 U	1.7 U	1.8 U	1.9 U
Toxaphene	ug/kg	6.9 U	6.9 U	7.0 U	7.0 U	6.8 U	7.0 U	7.3 U
Heptachlor Epoxide	ug/kg	0.17 U	0.17 U	0.18 U	0.18 U	0.17 U	0.051 J Z	0.18 U
Endosulfan Sulfate	ug/kg	0.36 U	0.36 U	0.36 U	0.36 U	0.35 U	0.36 U	0.38 U
Mirex	ug/kg	0.36 U	0.36 U	0.36 U	0.36 U	2.2 J S	0.25 J Z	0.38 U
Aldrin	ug/kg	0.17 U	0.11 J S, Z	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Alpha-BHC	ug/kg	0.17 U	0.17 U	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Beta-BHC	ug/kg	0.17 U	0.17 U	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Delta-BHC	ug/kg	0.17 U	0.17 U	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Endosulfan II	ug/kg	0.36 U	0.36 U	0.36 U	0.36 U	0.35 U	0.36 U	0.38 U
4,4'-DDT	ug/kg	0.88 J L	0.36 U	2.4 J S, L	0.36 U	0.53 U	0.41 J L	0.38 U
Endrin Ketone	ug/kg	0.36 U	0.36 U	0.36 U	0.36 U	0.35 U	0.11 J Z	0.38 U
Chlordane	ug/kg	3.6 U	3.6 U	3.6 U	3.6 U	3.5 U	1.6 J Z	3.8 U
Gamma-BHC (Lindane)	ug/kg	0.17 U	0.17 U	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Dieldrin	ug/kg	0.36 U	11	0.36 U	0.36 U	0.35 U	0.36 U	0.38 U
Endrin	ug/kg	0.36 U	0.36 U	0.36 U	0.36 U	0.35 U	0.36 U	0.38 U
Methoxychlor	ug/kg	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
4,4'-DDD	ug/kg	0.36 U	0.36 U	0.36 U	0.36 U	0.35 U	0.36 U	0.38 U
4,4'-DDE	ug/kg	0.36 U	0.36 U	0.62 U	0.36 U	0.37 U	0.23 J Z	0.38 U
Endrin Aldehyde	ug/kg	0.36 U	0.36 U	0.36 U	0.36 U	0.72 U	0.36 U	0.38 U
Heptachlor	ug/kg	0.17 U	0.17 U	0.18 U	0.18 U	0.17 U	0.18 U	0.18 U
Endosulfan I	ug/kg	0.17 U	0.17 U	0.18 U	0.18 U	0.17 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

Sample Name Sample Date SDG Start Depth End Depth		SL-186-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-187-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-188-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-189-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-190-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-191-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-192-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.9 U	2.2 U	1.9 U	2.0 U	2.0 U	1.9 U	1.3 J Z
Dicamba	ug/kg	1.4 U	1.5 U	1.4 U	1.4 U	1.4 U	1.3 U	0.55 J Z
2,2-Dichlor-Propionic Acid	ug/kg	10 U	11 U	10 U	11 U	11 U	9.8 U	11 U
Dinitrobutyl Phenol	ug/kg	2.7 U	3.1 U	2.7 U	2.8 U	2.8 U	2.6 U	2.9 U
MCPP	ug/kg	290 U	320 U	290 U	290 U	300 U	270 U	310 U
2,4,5-TP	ug/kg	0.19 U	0.22 U	0.25	0.20 U	0.20 U	0.19 U	0.32
2,4,5-T	ug/kg	0.19 U	0.22 U	0.19 U	0.20 U	0.20 U	0.19 U	0.21 U
MCPA	ug/kg	760	320 U	830	290 U	300 U	910	310 U
2,4-D	ug/kg	4.1 U	4.6 U	4.1 U	4.2 U	4.3 U	3.9 U	7.9 U
2,4 DB	ug/kg	5.3 U	5.7 U	2.3 U	2.0 U	2.5 U	4.5 U	110
Toxaphene	ug/kg	7.5 U	8.4 U	7.6 U	7.7 U	7.8 U	7.2 U	8.1 U
Heptachlor Epoxide	ug/kg	0.19 U	0.44 U	0.19 U	0.19 U	0.20 U	0.18 U	0.20 U
Endosulfan Sulfate	ug/kg	0.39 U	0.71 U	0.39 U	0.40 U	0.40 U	0.37 U	0.42 U
Mirex	ug/kg	0.39 U	0.68 U	0.22 J Z	0.40 U	0.40 U	0.37 U	0.42 U
Aldrin	ug/kg	0.19 U	0.21 U	0.19 U	0.19 U	0.20 U	0.18 U	0.20 U
Alpha-BHC	ug/kg	0.19 U	0.21 U	0.19 U	0.19 U	0.20 U	0.18 U	0.20 U
Beta-BHC	ug/kg	0.19 U	0.21 U	0.19 U	0.19 U	0.20 U	0.18 U	0.20 U
Delta-BHC	ug/kg	0.19 U	0.27 J S	0.19 U	0.19 U	0.20 U	0.056 J Z	0.20 U
Endosulfan II	ug/kg	0.39 UJ L	1.5 UJ L	0.39 UJ L	0.40 UJ L	0.40 U	0.39 UJ L	0.42 UJ L
4,4'-DDT	ug/kg	1.5	4.1	0.6	1.4	0.60 U	1.6	0.53
Endrin Ketone	ug/kg	0.39 U	0.43 U	0.39 U	0.40 U	0.40 U	0.37 U	0.42 U
Chlordane	ug/kg	3.9 U	4.3 J S	1.9 J Z	1.5 J Z	2.4 J Z	3.7 U	3.4 J Z
Gamma-BHC (Lindane)	ug/kg	0.19 U	0.21 U	0.19 U	0.19 U	0.20 U	0.18 U	0.080 J Z
Dieldrin	ug/kg	0.39 U	2.0 J S	0.39 U	0.40 U	0.40 U	0.43	0.42 U
Endrin	ug/kg	0.39 U	0.43 U	0.39 U	0.40 U	0.40 U	0.37 U	0.42 U
Methoxychlor	ug/kg	1.9 U	2.2 U	1.9 U	1.9 U	2.0 U	1.8 U	2.0 U
4,4'-DDD	ug/kg	0.39 U	0.43 U	0.39 U	0.40 U	0.40 U	0.37 U	0.42 U
4,4'-DDE	ug/kg	0.88	1.2 U	0.64	1.4	0.89	0.33 J Z	0.73
Endrin Aldehyde	ug/kg	0.39 U	0.43 U	0.39 U	0.40 U	0.40 U	0.37 U	0.42 U
Heptachlor	ug/kg	0.19 U	0.21 U	0.19 U	0.19 U	0.20 U	0.18 U	0.20 U
Endosulfan I	ug/kg	0.19 U	0.21 U	0.19 U	0.19 U	0.20 U	0.18 U	0.20 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-193-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-194-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-195-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-196-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-197-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-198-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-199-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	1.9 U	2.1 U	2.1 U	2.0 U	2.0 U	1.9 U	2.4
Dicamba	ug/kg	1.3 U	1.5 U	1.5 U	1.4 U	1.4 U	1.3 U	1.3 U
2,2-Dichlor-Propionic Acid	ug/kg	9.8 U	11 U	11 U	10 U	10 U	9.9 U	9.9 U
Dinitrobutyl Phenol	ug/kg	2.6 U	3.0 U	3.0 U	2.8 U	2.8 U	2.6 U	2.6 U
MCPP	ug/kg	270 U	310 U	310 U	290 U	290 U	280 U	270 U
2,4,5-TP	ug/kg	0.19 U	0.21 U	0.21 U	0.20 U	0.20 U	0.19 U	0.17 J Z
2,4,5-T	ug/kg	0.19 U	0.21 U	0.21 U	0.20 U	0.20 U	0.19 U	0.19 U
MCPA	ug/kg	270 U	310 U	310 U	1300 U	290 U	100 J Z	270 U
2,4-D	ug/kg	1.8 J Z	2.3 J Z	4.5 U	1.9 J Z	4.2 U	4.0 U	4.0 U
2,4 DB	ug/kg	7.1 U	2.1 U	2.4 U	2.0 U	3.1 U	1.9 U	19 U
Toxaphene	ug/kg	7.2 U	8.3 U	8.2 U	7.6 U	7.7 U	7.3 U	7.3 U
Heptachlor Epoxide	ug/kg	0.14 J Z	0.21 U	0.21 U	0.069 J Z	0.19 U	0.18 U	4.3 U
Endosulfan Sulfate	ug/kg	0.37 U	0.43 U	0.42 U	0.39 U	0.39 U	0.37 U	0.37 U
Mirex	ug/kg	0.37 U	0.43 U	0.42 U	0.39 U	0.18 J Z	0.37 U	0.37 U
Aldrin	ug/kg	0.18 U	0.21 U	0.21 U	0.19 U	0.19 U	0.18 U	0.18 U
Alpha-BHC	ug/kg	0.18 U	0.21 U	0.21 U	0.19 U	0.19 U	0.18 U	0.18 U
Beta-BHC	ug/kg	0.18 U	0.21 U	0.21 U	0.8	0.19 U	0.18 U	0.18 U
Delta-BHC	ug/kg	0.060 J Z	0.21 U	0.21 U	1.2	0.059 J Z	0.18 U	0.18 U
Endosulfan II	ug/kg	0.45 UJ L	0.43 UJ L	0.97 UJ L	0.39 UJ L	0.15 J L, Z	0.37 UJ L	0.58 U
4,4'-DDT	ug/kg	2.2	0.6	3.5	0.84	0.72	1.9	4.7 J L
Endrin Ketone	ug/kg	0.37 U	0.43 U	0.42 U	0.39 U	0.39 U	0.37 U	0.37 U
Chlordane	ug/kg	3.7 U	3.8 J Z	5.6	3.9 U	2.3 J Z	3.7 U	9.3
Gamma-BHC (Lindane)	ug/kg	0.18 U	0.21 U	0.21 U	0.12 J Z	0.077 J Z	0.18 U	0.18 U
Dieldrin	ug/kg	0.6	0.43 U	1.2	0.39 U	0.39 U	1.1	0.37 U
Endrin	ug/kg	0.37 U	0.43 U	0.42 U	0.39 U	0.39 U	0.37 U	0.48 U
Methoxychlor	ug/kg	1.8 U	2.1 U	2.1 U	1.9 U	1.9 U	1.8 U	1.8 U
4,4'-DDD	ug/kg	0.37 U	0.43 U	0.42 U	0.39 U	0.39 U	0.37 U	0.37 U
4,4'-DDE	ug/kg	0.65	1	0.5	1	0.87	0.53 U	2.7 U
Endrin Aldehyde	ug/kg	0.37 U	0.43 U	0.42 U	0.32 J Z	0.39 U	0.37 U	0.79 U
Heptachlor	ug/kg	0.18 U	0.21 U	0.21 U	0.19 U	0.19 U	0.18 U	0.18 U
Endosulfan I	ug/kg	0.18 U	0.21 U	0.21 U	0.29	0.19 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

Sample Name Sample Date SDG Start Depth End Depth		SL-200-SA5DN-SS-0.0-0.5 05/25/2011 DE164 0 0.5	SL-201-SA5DN-SS-0.0-0.5 05/25/2011 DE164 0 0.5	SL-202-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-203-SA5DN-SS-0.0-0.5 05/24/2011 DE161 0 0.5	SL-204-SA5DN-SS-0.0-0.5 05/24/2011 DE161 0 0.5	SL-205-SA5DN-SS-0.0-0.5 05/25/2011 DE164 0 0.5	SL-206-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5
Chemical Name	Unit							
Dichlorprop	ug/kg	2.0 U	2.0 U	1.9 U	2.0 U	2.0 U	2.0 U	2.0 U
Dicamba	ug/kg	1.4 U	1.4 U	1.3 U	1.4 U	1.4 U	1.4 U	1.4 U
2,2-Dichlor-Propionic Acid	ug/kg	10 U	11 U	10 U	11 U	11 U	10 U	10 U
Dinitrobutyl Phenol	ug/kg	2.8 U	2.8 U	2.7 U	2.8 R L	2.8 R L	2.8 U	2.7 U
MCPP	ug/kg	290 U	290 U	280 U	290 U	290 U	290 U	280 U
2,4,5-TP	ug/kg	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.22 U
2,4,5-T	ug/kg	0.20 U	0.20 U	0.19 U	0.20 U	0.20 U	0.20 U	0.19 U
MCPA	ug/kg	290 U	110 J FD, Z	280 U	290 U	290 U	290 U	980 J S
2,4-D	ug/kg	4.1 U	4.2 U	4.0 U	4.2 U	4.2 U	4.2 U	4.1 U
2,4 DB	ug/kg	2.0 U	2.0 U	3.1 U	2.6 U	2.0 U	2.0 U	7.2 U
Toxaphene	ug/kg	7.6 U	7.8 U	7.4 U	7.7 U	7.7 U	7.7 U	7.5 U
Heptachlor Epoxide	ug/kg	0.19 U	0.20 U	0.19 U	0.33	0.19 U	0.19 U	0.19 U
Endosulfan Sulfate	ug/kg	0.39 U	0.40 U	0.38 U	0.40 U	0.40 U	0.40 U	0.39 U
Mirex	ug/kg	0.39 U	0.40 U	0.38 U	0.40 U	0.40 U	0.40 U	0.47 J S
Aldrin	ug/kg	0.19 U	0.20 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Alpha-BHC	ug/kg	0.19 U	0.20 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Beta-BHC	ug/kg	0.19 U	0.20 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Delta-BHC	ug/kg	0.19 U	0.14 J Z	0.19 U	0.48 U	0.19 U	0.24	0.19 U
Endosulfan II	ug/kg	0.39 U	0.40 UJ FD	0.38 U	0.56	0.40 U	0.40 U	0.39 U
4,4'-DDT	ug/kg	0.35 J Z	1.3	4.5	2.6	0.17 J Z	1.7	1.1 J S
Endrin Ketone	ug/kg	0.39 U	0.40 U	0.38 U	0.40 U	0.40 U	0.40 U	0.39 U
Chlordane	ug/kg	1.9 J Z	1.9 J Z	3.8 U	4.0 U	4.0 U	3.6 J Z	3.9 U
Gamma-BHC (Lindane)	ug/kg	0.19 U	0.20 U	0.19 U	0.15 J Z	0.19 U	0.19 U	0.19 U
Dieldrin	ug/kg	0.39 U	0.40 U	0.38 U	0.71	0.40 U	0.40 U	0.39 U
Endrin	ug/kg	0.39 U	0.40 U	0.38 U	0.40 U	0.40 U	0.40 U	0.39 U
Methoxychlor	ug/kg	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
4,4'-DDD	ug/kg	0.39 U	0.40 U	0.38 U	0.40 U	0.40 U	0.40 U	0.39 U
4,4'-DDE	ug/kg	0.98	1.1	0.38 U	0.94	0.31 J Z	0.63	0.58 J S
Endrin Aldehyde	ug/kg	0.39 U	0.40 UJ FD	2.1 U	0.40 U	0.40 U	0.40 U	0.39 U
Heptachlor	ug/kg	0.19 U	0.20 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Endosulfan I	ug/kg	0.19 U	0.20 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U

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

Sample Name		SL-207-SA5DN-SS-0.0-0.5
Sample Date		06/03/2011
SDG		DE173
Start Depth		0
End Depth		0.5
Chemical Name	Unit	
Dichlorprop	ug/kg	1.8 U
Dicamba	ug/kg	1.3 U
2,2-Dichlor-Propionic Acid	ug/kg	9.6 U
Dinitrobutyl Phenol	ug/kg	2.6 U
MCPP	ug/kg	270 U
2,4,5-TP	ug/kg	0.18 U
2,4,5-T	ug/kg	0.18 U
MCPA	ug/kg	220 J Z, *#
2,4-D	ug/kg	3.8 U
2,4 DB	ug/kg	3.7 U
Toxaphene	ug/kg	7.1 UJ C
Heptachlor Epoxide	ug/kg	1.8 UJ C
Endosulfan Sulfate	ug/kg	3.7 UJ C
Mirex	ug/kg	3.7 UJ C
Aldrin	ug/kg	0.18 UJ C
Alpha-BHC	ug/kg	0.18 UJ C
Beta-BHC	ug/kg	0.18 UJ C
Delta-BHC	ug/kg	0.18 UJ C
Endosulfan II	ug/kg	3.7 UJ C
4,4'-DDT	ug/kg	63
Endrin Ketone	ug/kg	3.7 UJ C
Chlordane	ug/kg	4.0 J C, *#
Gamma-BHC (Lindane)	ug/kg	0.18 UJ C
Dieldrin	ug/kg	18 UJ C
Endrin	ug/kg	8.2 UJ C
Methoxychlor	ug/kg	18 UJ C
4,4'-DDD	ug/kg	3.7 U
4,4'-DDE	ug/kg	4.9 UJ C
Endrin Aldehyde	ug/kg	21 J *#
Heptachlor	ug/kg	0.18 UJ C
Endosulfan I	ug/kg	1.8 UJ C

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-001-SA5DN-SB-5.5-6.5 05/17/2011 DE163 5.5 6.5	SL-001-SA5DN-SB-9.0-10.0 05/17/2011 DE153 9 10	SL-002-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-002-SA5DN-SB-4.0-5.0 05/16/2011 DE151 4 5	SL-002-SA5DN-SB-9.0-10.0 05/16/2011 DE151 9 10	SL-003-SA5DN-SB-0.5-1.5 05/16/2011 DE151 0.5 1.5	SL-003-SA5DN-SB-8.0-9.0 05/16/2011 DE151 8 9	SL-004-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-004-SA5DN-SB-3.5-4.5 05/16/2011 DE151 3.5 4.5	SL-004-SA5DN-SB-9.0-10.0 05/16/2011 DE151 9 10	SL-005-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	399 U	37.1 U	--	287 J Z	37.8 U	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	1.8 U	1.9 U	9.1 U	2.0 U	1.9 U	9.4 U
2,4-Dinitrotoluene	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Nitrobenzene	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Hexachlorobutadiene	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
4-Nitroaniline	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
4-Nitrophenol	ug/kg	570 U	580 U	550 U	530 U	570 U	570 U	590 U	550 U	550 U	600 U	560 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
4-Methylphenol	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
4-Chloroaniline	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Phenol	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	26 J Z	--	--	--	35 J Z	--	--	360 U	--	--	380 U
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	43 J Z	--	7.9 J Z	69 J Z	20 U	--	21 U	20 U	--	22 U	20 U	--
Di-N-Octyl Phthalate (8270C)	ug/kg	190 U	--	--	180 U	--	--	--	--	180 U	--	--	190 U
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	--	21 U	20 U	--	8.9 J Z	21 U	21 U	20 U	--	22 U	20 U	--
Hexachlorobenzene	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	2.0 U	1.8 U	9.1 U	2.0 U	1.9 U	9.4 U
2,4-Dichlorophenol	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	190 U	200 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	5.4 J Z	1.9 U	1.9 U	4.5 J Z	1.9 U	1.9 U	2.0 U	1.8 U	9.1 U	2.0 U	1.9 U	16
Dimethylphthalate (8270C)	ug/kg	190 U	--	--	180 U	--	--	--	--	180 U	--	--	190 U
Dimethylphthalate (8270C SIM)	ug/kg	--	21 U	20 U	--	20 U	21 U	21 U	20 U	--	22 U	20 U	--
Dibenzofuran	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 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	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	2.0 U	1.8 U	12	2.0 U	1.9 U	4.7 J Z
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	2.0 U	1.8 U	9.1 U	2.0 U	1.9 U	9.4 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	7.0 J L, Z	1.9 U	1.9 U	6.0 J L, Z	1.9 U	1.9 U	2.0 U	1.8 U	5.2 J L, Z	2.0 U	1.9 U	17 J L
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	6.9 J Z	1.9 U	1.9 U	4.6 J Z	1.9 U	1.9 U	2.0 U	1.8 U	9.1 U	0.86 J Z	1.9 U	22
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	2.0 U	1.8 U	6.4 J L, Z	2.0 U	1.9 U	8.4 J L, Z
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	2.0 U	1.8 U	9.1 U	2.0 U	1.9 U	9.4 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	4.8 J Z	1.9 U	1.9 U	4.4 J Z	1.9 U	1.9 U	2.0 U	1.8 U	9.1 U	2.0 U	0.61 J Z	11
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	2.0 U	1.8 U	8.7 J L, Z	2.0 U	1.9 U	7.4 J L, Z
2,4-Dinitrophenol	ug/kg	1100 U	1200 UJ L	1100 UJ L	1100 U	1100 UJ L	1100 UJ L	1200 UJ L	1100 UJ L	1200 UJ L	1200 UJ L	1100 UJ L	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	570 U	580 UJ L	550 UJ L	530 U	570 UJ L	570 UJ L	590 UJ L	550 UJ L	550 U	600 UJ L	560 UJ L	570 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	2.0 U	1.8 U	9.1 U	2.0 U	1.9 U	9.4 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	2.0 U	1.8 U	9.1 U	2.0 U	1.9 U	7.4 J Z
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Aniline	ug/kg	570 U	580 U	550 U	530 U	570 U	570 U	590 U	550 U	550 U	600 U	560 U	570 U
Benzoic Acid	ug/kg	570 U	580 U	550 U	530 U	570 U	570 U	590 U	550 U	550 U	600 U	560 U	570 U
Hexachloroethane	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	570 U	580 U	550 U	530 U	570 U	570 U	590 U	550 U	550 U	600 U	560 U	570 U
Isophorone	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	2.0 U	1.8 U	9.1 U	2.0 U	1.9 U	9.4 U
Diethylphthalate (8270C)	ug/kg	190 U	--	--	180 U	--	--	--	--	180 U	--	--	190 U
Diethylphthalate (8270C SIM)	ug/kg	--	21 U	20 U	--	20 U	21 U	21 U	20 U	--	22 U	20 U	--
Di-n-Butylphthalate (8270C)	ug/kg	190 U	--	--	180 U	--	--	--	--	180 U	--	--	190 U
Di-n-Butylphthalate (8270C SIM)	ug/kg	--	21 U	20 U	--	20 U	21 U	21 U	20 U	--	22 U	20 U	--
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	2.0 U	1.8 U	4.9 J Z	1.0 J Z	1.9 U	12
Butylbenzylphthalate (8270C)	ug/kg	190 U	--	--	180 U	--	--	--	--	180 U	--	--	190 U
Butylbenzylphthalate (8270C SIM)	ug/kg	--	21 U	20 U	--	20 U	21 U	21 U	20 U	--	22 U	20 U	--
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	2.0 U	1.8 U	9.1 U	2.0 U	1.9 U	9.4 U
Carbazole	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Pentachlorophenol	ug/kg	570 U	580 U	550 U	530 U	570 U	570 U	590 U	550 U	550 U	600 U	560 U	570 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
2-Nitroaniline	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
2-Nitrophenol	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	2.0 U	1.8 U	5.6 J Z	2.0 U	1.9 U	9.4 U
Naphthalene (8270C)	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-001-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-001-SA5DN-SB-5.5-6.5 05/17/2011 DE153 5.5 6.5	SL-001-SA5DN-SB-9.0-10.0 05/17/2011 DE153 9 10	SL-002-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-002-SA5DN-SB-4.0-5.0 05/16/2011 DE151 4 5	SL-002-SA5DN-SB-9.0-10.0 05/16/2011 DE151 9 10	SL-003-SA5DN-SB-0.5-1.5 05/16/2011 DE151 0.5 1.5	SL-003-SA5DN-SB-8.0-9.0 05/16/2011 DE151 8 9	SL-004-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-004-SA5DN-SB-3.5-4.5 05/16/2011 DE151 3.5 4.5	SL-004-SA5DN-SB-9.0-10.0 05/16/2011 DE151 9 10	SL-005-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5
Naphthalene (8270C SIM)	ug/kg	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	2.0 U	1.8 U	9.1 U	2.0 U F	1.9 U	9.4 U
2-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kg	9.5 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	2.0 U	1.8 U	7.3 J Z	2.0 U	0.81 J Z	9.4 U
2-Chloronaphthalene	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
3,3'-Dichlorobenzidine	ug/kg	380 U	390 U	370 U	350 U	380 U	380 U	390 U	370 U	360 U	400 U	370 U	380 U
Benzidine	ug/kg	3800 U	3900 U	3700 U	3500 U	3800 U	3800 U	3900 U	3700 U	3600 U	4000 U	3700 U	3800 U
2-Methylphenol	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
2-Chlorophenol	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
3-Nitroaniline	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U
Benzyl Alcohol	ug/kg	570 U	580 U	550 U	530 U	570 U	570 U	590 U	550 U	550 U	600 U	560 U	570 U
2,6-Dinitrotoluene	ug/kg	190 U	190 U	180 U	180 U	190 U	190 U	200 U	180 U	180 U	200 U	190 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-005-SA5DN-SB-4.0-5.0 05/17/2011 DE153 4 5	SL-005-SA5DN-SB-9.0-10.0 05/17/2011 DE153 9 10	SL-006-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-006-SA5DN-SB-4.0-5.0 08/11/2011 DE222 4 5	SL-006-SA5DN-SB-9.0-10.0 08/11/2011 DE222 9 10	SL-007-SA5DN-SS-0.0-0.5 08/22/2011 DE229 0 0.5	SL-007-SA5DN-SB-4.0-5.0 08/10/2011 DE221 4 5	SL-008-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-008-SA5DN-SB-4.0-5.0 05/31/2011 DE168 4 5	SL-008-SA5DN-SB-9.0-10.0 05/31/2011 DE168 9 10	SL-009-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-009-SA5DN-SB-4.0-5.0 08/09/2011 DE220 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	2.0 U	1.9 U	10 U	1.9 U	1.9 U	9.4 U	1.9 U	1.8 U	1.9 U	1.8 U	11 U	1.8 U
2,4-Dinitrotoluene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Nitrobenzene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
1,4-Dichlorobenzene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
1,2,4-Trichlorobenzene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
1,3-Dichlorobenzene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Hexachlorobutadiene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
1,2-Dichlorobenzene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
4-Nitroaniline	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
4-Nitrophenol	ug/kg	590 U	570 U	600 U	570 U	570 U	570 U	580 U	530 U	580 U	560 U	650 U	550 U
4-Bromophenyl Phenyl Ether	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
2,4-Dimethylphenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
4-Methylphenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
4-Chloroaniline	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
3,5-Dimethylphenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Phenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Bis(2-Chloroethyl) ether	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	21 J Z	--	400 U	--	380 U	--	--	35 J Z	--	--	61 J Z	180 UJ Q, L
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	20 U	--	20 U	8.9 J Z	--	21 U	--	21 U	20 U	--	50 J FD, Q
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	200 U	--	190 U	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	20 U	--	20 U	--	21 U	19 U	19 U	21 U	20 U	51 J Z	20 UJ FD
Hexachlorobenzene	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	2.0 U	1.9 U	10 U	1.9 U	1.9 U	9.4 U	1.9 U	1.8 U	1.9 U	1.8 U	14	1.8 UJ Q
2,4-Dichlorophenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
1,2-Diphenylhydrazine	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Pyrene (8270C)	ug/kg	--	--	170 J Z	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	2.0 U	1.9 U	--	1.9 U	1.9 U	9.4 U	1.9 U	2.7	1.9 U	1.8 U	140	1.8 U
Dimethylphthalate (8270C)	ug/kg	--	--	200 U	--	190 U	--	--	--	--	--	220 U	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	20 U	--	20 U	20 U	--	21 U	19 U	21 U	20 U	--	20 U
Dibenzofuran	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	96 J Z	--	41 J Z	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	2.0 U	1.9 U	--	1.9 U	1.9 U	--	1.9 U	2	1.9 U	1.8 U	40	1.8 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	99 J Z	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	2.0 U	1.9 U	--	1.9 U	1.9 U	9.4 U	1.9 U	1.2 J Q, Z	1.9 U	1.8 U	33	1.8 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	150 J Z	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	2.0 U	1.9 U	--	1.9 U	1.9 U	21	1.9 U	4.2 J L	1.9 U	1.8 U	93 J L	1.8 U
Fluoranthene (8270C)	ug/kg	--	--	150 J Z	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	2.0 U	1.9 U	--	1.9 U	1.9 U	9.4 U	1.9 U	2.7	1.9 UJ L	1.8 UJ L	140	1.8 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	67 J Z	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	2.0 U	1.9 U	--	1.9 U	1.9 U	9.4 U	1.9 U	4.3	1.9 U	1.8 U	34	1.8 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	2.0 U	1.9 U	10 U	1.9 U	1.9 U	9.4 U	1.9 U	1.8 U	1.9 U	1.8 U	11 U	1.8 U
Chrysene (8270C)	ug/kg	--	--	120 J Z	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	2.0 U	1.9 U	--	1.9 U	1.9 U	2.7 J Z	1.9 U	2.1	1.9 U	1.8 U	98	1.8 U
bis(2-Chloroisopropyl) ether	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	150 J Z	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	2.0 U	1.9 U	--	1.9 U	1.9 U	11	1.9 U	1.8	1.9 U	1.8 U	71	1.8 U
2,4-Dinitrophenol	ug/kg	1200 UJ L	1100 UJ L	1200 U	1100 U	1100 U	1100 U	1200 U	1100 U	1200 U	1100 U	1300 U	1100 R Q
4,6-Dinitro-2-Methylphenol	ug/kg	590 UJ L	570 UJ L	600 U	570 U	570 U	570 UJ L	580 U	530 U	580 U	560 U	650 U	550 UJ L
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	2.0 U	1.9 U	10 U	1.9 U	1.9 U	9.4 U	1.9 U	1.8 U	1.9 U	1.8 U	12	1.8 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	95 J Z	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	2.0 U	1.9 U	--	1.9 U	1.9 U	9.4 U	1.9 U	1.5 J Z	1.9 U	1.8 U	85	1.8 U
4-Chloro-3-Methylphenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Aniline	ug/kg	590 U	570 U	600 U	570 U	570 U	570 U	580 U	530 U	580 U	560 U	650 U	550 U
Benzoic Acid	ug/kg	590 U	570 U	600 U	570 U	570 U	570 U	580 U	530 U	580 U	560 U	650 U	550 R Q, L
Hexachloroethane	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
4-Chlorophenyl Phenylether	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Hexachlorocyclopentadiene	ug/kg	590 U	570 U	600 U	570 U	570 U	570 U	580 U	530 U	580 U	560 U	650 U	550 U
Isophorone	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	2.0 U	1.9 U	10 U	1.9 U	1.9 U	9.4 U	1.9 U	1.8 U	1.9 U	1.8 U	11 U	1.8 U
Diethylphthalate (8270C)	ug/kg	--	--	200 U	--	--	190 U	--	--	--	--	220 U	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	20 U	--	20 U	20 U	--	21 U	19 U	21 U	20 U	--	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	200 U	--	--	190 U	--	--	--	--	220 U	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	20 U	--	20 U	20 U	--	21 U	19 U	21 UJ L	20 UJ L	--	20 U
Phenanthrene (8270C)	ug/kg	--	--	42 J Z	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	2.0 U	1.9 U	--	1.9 U	1.9 U	9.4 U	1.9 U	1.1 J Z	1.9 U	1.8 U	62	1.8 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	200 U	--	--	190 U	--	--	--	--	220 U	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	20 U	--	20 U	20 U	--	21 U	19 U	21 U	20 U	--	20 U
N-Nitrosodiphenylamine	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	2.0 U	1.9 U	10 U	1.9 U	1.9 U	9.4 U	1.9 U	1.8 U	1.9 U	1.8 U	11 U	1.8 U
Carbazole	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Pentachlorophenol	ug/kg	590 U	570 U	600 U	570 U	570 U	570 U	580 U	530 U	580 U	560 U	650 U	550 U
2,4,6-Trichlorophenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
2-Nitroaniline	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
2-Nitrophenol	ug/kg	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	2.0 U	1.9 U	10 U	1.9 U	1.9 U	9.4 U	1.9 U	1.8 U	1.9 U	1.8 U	11 U	1.8 U
Naphthalene (8270C)	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-005-SA5DN-SB-4.0-5.0 05/17/2011 DE153 4 5	SL-005-SA5DN-SB-9.0-10.0 05/17/2011 DE153 9 10	SL-006-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-006-SA5DN-SB-4.0-5.0 08/11/2011 DE222 4 5	SL-006-SA5DN-SB-9.0-10.0 08/11/2011 DE222 9 10	SL-007-SA5DN-SS-0.0-0.5 08/22/2011 DE229 0 0.5	SL-007-SA5DN-SB-4.0-5.0 08/10/2011 DE221 4 5	SL-008-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-008-SA5DN-SB-4.0-5.0 05/31/2011 DE168 4 5	SL-008-SA5DN-SB-9.0-10.0 05/31/2011 DE168 9 10	SL-009-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-009-SA5DN-SB-4.0-5.0 08/09/2011 DE220 4 5
Naphthalene (8270C SIM)	ug/kq	2.0 U	1.9 U	10 U	1.9 U	1.9 U	9.4 U	1.9 U	0.95 J Z	1.9 U	1.8 U	11 U	1.8 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	2.0 U	1.9 U	10 U	1.9 U	1.9 U	9.4 U	1.9 U	0.95 J Z	1.9 U	1.8 U	11 U	1.8 U
2-Chloronaphthalene	ug/kq	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
3,3'-Dichlorobenzidine	ug/kq	390 U	380 U	400 U	380 U	380 U	380 U	390 U	360 U	390 U	370 U	440 U	370 U
Benzidine	ug/kq	3900 U	3800 U	4000 U	3800 U	3800 U	3800 U	3900 U	3600 U	3900 U	3700 U	4400 U	3700 U
2-Methylphenol	ug/kq	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
2-Chlorophenol	ug/kq	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
2,4,5-Trichlorophenol	ug/kq	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
3-Nitroaniline	ug/kq	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U
Benzyl Alcohol	ug/kq	590 U	570 U	600 U	570 U	570 U	570 U	580 U	530 U	580 U	560 U	650 U	550 U
2,6-Dinitrotoluene	ug/kq	200 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	220 U	180 U

Sample Name Sample Date SDG Start Depth End Depth		SL-009-SA5DN-SB-9.0-10.0 08/09/2011 DE220 9 10	SL-010-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-010-SA5DN-SB-4.0-5.0 05/31/2011 DE168 4 5	SL-010-SA5DN-SB-9.0-10.0 05/31/2011 DE168 9 10	SL-011-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-011-SA5DN-SB-4.0-5.0 08/09/2011 DE220 4 5	SL-012-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-012-SA5DN-SB-4.0-5.0 08/09/2011 DE220 4 5	SL-012-SA5DN-SB-9.0-10.0 08/09/2011 DE220 9 10	SL-013-SA5DN-SS-0.0-0.5 05/23/2011 DE220 0 0.5	SL-013-SA5DN-SB-4.0-5.0 05/31/2011 DE168 4 5	SL-013-SA5DN-SB-9.0-10.0 05/31/2011 DE168 9 10
Chemical Name		Unit											
N-Nitrosodimethylamine (1625C)		ug/kg	--	--	--	--	--	21.5 J Z	56	100	18.4 J Z	65.4	71.5
N-Nitrosodimethylamine (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	9.4 U	1.9 U	9.4 U	1.7 U	8.6 U	1.9 U	1.9 U
2,4-Dinitrotoluene		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
Nitrobenzene		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
1,4-Dichlorobenzene		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
1,2,4-Trichlorobenzene		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
1,3-Dichlorobenzene		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
Hexachlorobutadiene		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
1,2-Dichlorobenzene		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
4-Nitroaniline		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
4-Nitrophenol		ug/kg	580 U	510 U	570 U	570 U	560 U	560 U	560 U	520 U	580 U	570 U	570 U
4-Bromophenyl Phenyl Ether		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
2,4-Dimethylphenol		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
4-Methylphenol		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
4-Chloroaniline		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
3,5-Dimethylphenol		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
Phenol		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
Bis(2-Chloroethyl) ether		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
Bis(2-Chloroethoxy) methane		ug/kg	190 UJ L	170 U	190 U	190 U	190 UJ L	190 U	170 UJ L	190 UJ L	170 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)		ug/kg	--	340 U	--	--	90 J Z	--	37 J Z	--	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)		ug/kg	21 U	--	21 U	21 U	--	13 J Z	--	19 U	50 J Z	21 U	20 U
Di-N-Octyl Phthalate (8270C)		ug/kg	--	170 U	--	--	190 U	--	190 U	--	170 U	--	--
Di-N-Octyl Phthalate (8270C SIM)		ug/kg	21 U	--	21 U	21 U	--	31	--	11 J Z	21 U	--	20 U
Hexachlorobenzene		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
Anthracene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	2.7 J Z	1.9 U	270	1.7 U	1.9 U	8.6 U	1.9 U
2,4-Dichlorophenol		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
1,2-Diphenylhydrazine		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
Pyrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	19	1.9 U	1100	1.7 U	1.9 U	19	1.9 U
Dimethylphthalate (8270C)		ug/kg	--	170 U	--	--	190 U	--	190 U	--	--	170 U	--
Dimethylphthalate (8270C SIM)		ug/kg	21 U	--	21 U	21 U	--	20 U	--	19 U	21 U	--	20 U
Dibenzofuran		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)		ug/kg	--	--	--	--	--	85 J Z	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	9.4	1.9 U	--	1.7 U	1.9 U	12	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)		ug/kg	--	--	--	--	--	78 J Z	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	4.1 J Z	1.9 U	--	1.7 U	1.9 U	7.0 J Z	1.9 U
Benzo(b)fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	18 J L	1.9 U	340 J L	1.7 U	1.9 U	20 J L	1.9 U
Fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 UJ L	1.9 UJ L	22	1.9 U	1200	1.7 U	1.9 U	16	1.9 UJ L
Benzo(k)fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	3.8 J Z	1.9 U	150	1.7 U	1.9 U	8.4 J Z	1.9 U
Acenaphthylene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	9.4 U	1.9 U	9.4 U	1.7 U	1.9 U	8.6 U	1.9 U
Chrysene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	15	1.9 U	460	1.7 U	1.9 U	17	1.9 U
bis(2-Chloroisopropyl) ether		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U
Benzo(a)pyrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	9.8	1.9 U	240	1.7 U	1.9 U	12	1.9 U
2,4-Dinitrophenol		ug/kg	1200 U	1000 U	1100 U	1100 U	1100 U	1100 U	1100 U	1000 U	1200 U	1200 U	1100 U
4,6-Dinitro-2-Methylphenol		ug/kg	580 UJ L	510 U	570 U	570 U	560 U	560 UJ L	560 U	520 UJ L	580 UJ L	520 U	580 U
Dibenzo(a,h)anthracene (8270C)		ug/kg	--	--	--	--	--	29 J Z	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	9.4 U	1.9 U	--	1.7 U	1.9 U	3.7 J Z	1.9 U
Benzo(a)anthracene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	10	1.9 U	500	1.7 U	1.9 U	11	1.9 U
4-Chloro-3-Methylphenol		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U
N-Nitroso-Di-N-Propylamine		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U
Aniline		ug/kg	580 U	510 U	570 U	570 U	560 U	560 U	560 U	520 U	580 U	570 U	570 U
Benzoic Acid		ug/kg	580 UJ L	510 U	570 U	570 U	560 UJ L	560 U	560 UJ L	520 UJ L	580 UJ L	520 U	580 U
Hexachloroethane		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U
4-Chlorophenyl Phenylether		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U
Hexachlorocyclopentadiene		ug/kg	580 U	510 U	570 U	570 U	560 U	560 U	560 U	520 U	580 U	520 U	570 U
Isophorone		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U
Acenaphthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	9.4 U	1.9 U	26	1.7 U	1.9 U	8.6 U	1.9 U
Diethylphthalate (8270C)		ug/kg	--	170 U	--	--	190 U	--	190 U	--	--	170 U	--
Diethylphthalate (8270C SIM)		ug/kg	21 U	--	21 U	21 U	--	20 U	--	19 U	21 U	--	20 U
Di-n-Butylphthalate (8270C)		ug/kg	--	170 U	--	--	190 U	--	190 U	--	--	170 U	--
Di-n-Butylphthalate (8270C SIM)		ug/kg	21 U	--	21 UJ L	21 UJ L	--	20 U	--	19 U	21 U	--	20 UJ L
Phenanthrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	12	1.9 U	910	1.7 U	1.9 U	4.0 J Z	1.9 U
Butylbenzylphthalate (8270C)		ug/kg	--	170 U	--	--	190 U	--	190 U	--	--	78 J Z	--
Butylbenzylphthalate (8270C SIM)		ug/kg	21 U	--	21 U	21 U	--	20 U	--	19 U	21 U	--	20 U
N-Nitrosodiphenylamine		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U
Fluorene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	9.4 U	1.9 U	47	1.7 U	1.9 U	8.6 U	1.9 U
Carbazole		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	26 J Z	170 U	190 U	190 U	190 U
Pentachlorophenol		ug/kg	580 U	510 U	570 U	570 U	560 U	560 U	560 U	520 U	580 U	520 U	570 U
2,4,6-Trichlorophenol		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U
2-Nitroaniline		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U
2-Nitrophenol		ug/kg	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U
1-Methylnaphthalene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)		ug/kg	1.9 U	8.5 U	1.9 U	1.9 U	9.4 U	1.9 U	9.4 U	1.7 U	1.9 U	8.6 U	1.9 U
Naphthalene (8270C)		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-009-SA5DN-SB-9.0-10.0 08/09/2011 DE220 9 10	SL-010-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-010-SA5DN-SB-4.0-5.0 05/31/2011 DE168 4 5	SL-010-SA5DN-SB-9.0-10.0 05/31/2011 DE168 9 10	SL-011-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-011-SA5DN-SB-4.0-5.0 08/09/2011 DE220 4 5	SL-012-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-012-SA5DN-SB-4.0-5.0 08/09/2011 DE220 4 5	SL-012-SA5DN-SB-9.0-10.0 08/09/2011 DE220 9 10	SL-013-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-013-SA5DN-SB-4.0-5.0 05/31/2011 DE168 4 5	SL-013-SA5DN-SB-9.0-10.0 05/31/2011 DE168 9 10
Naphthalene (8270C SIM)	ug/kq	1.9 U	8.5 U	1.9 U	1.9 U	9.4 U	1.9 U	9.4 U	1.7 U	1.9 U	8.6 U	1.9 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	8.5 U	1.9 U	1.9 U	9.4 U	1.9 U	9.4 U	1.7 U	1.9 U	8.6 U	1.9 U	1.9 U
2-Chloronaphthalene	ug/kq	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U	190 U
3,3'-Dichlorobenzidine	ug/kq	390 U	340 U	380 U	380 U	370 U	370 U	370 U	350 U	390 U	350 U	390 U	380 U
Benzidine	ug/kq	3900 U	3400 U	3800 U	3800 U	3700 U	3700 U	3700 U	3500 U	3900 U	3500 U	3900 U	3800 U
2-Methylphenol	ug/kq	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U	190 U
2-Chlorophenol	ug/kq	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kq	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U	190 U
3-Nitroaniline	ug/kq	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U	190 U
Benzyl Alcohol	ug/kq	580 U	510 U	570 U	570 U	560 U	560 U	560 U	520 U	580 U	520 U	580 U	570 U
2,6-Dinitrotoluene	ug/kq	190 U	170 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U	170 U	190 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-014-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-014-SA5DN-SB-4.0-5.0 05/31/2011 DE169 4 5	SL-014-SA5DN-SB-9.0-10.0 05/31/2011 DE169 9 10	SL-015-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-015-SA5DN-SB-4.0-5.0 06/01/2011 DE170 4 5	SL-015-SA5DN-SB-12.0-13.0 06/01/2011 DE170 12 13	SL-016-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-016-SA5DN-SB-4.0-5.0 06/02/2011 DE172 4 5	SL-016-SA5DN-SB-12.0-13.0 06/02/2011 DE172 12 13	SL-017-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-017-SA5DN-SB-4.0-5.0 06/01/2011 DE170 4 5	
Chemical Name		Unit											
N-Nitrosodimethylamine (1625C)		ug/kg	43.8	21.4 J FD, Z	38.6 U	378 U	387 U	24.1 J Z	56.2	393 U	37.7 U B	--	--
N-Nitrosodimethylamine (8270C SIM)		ug/kg	9.2 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	9.3 U	39 U	1.9 U	9.3 U	1.9 U
2,4-Dinitrotoluene		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Nitrobenzene		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
1,4-Dichlorobenzene		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
1,2,4-Trichlorobenzene		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
1,3-Dichlorobenzene		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Hexachlorobutadiene		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
1,2-Dichlorobenzene		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
4-Nitroaniline		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
4-Nitrophenol		ug/kg	550 U	570 U	580 U	570 U	580 U	540 U	560 U	590 U	570 U	550 U	580 U
4-Bromophenyl Phenyl Ether		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
2,4-Dimethylphenol		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
4-Methylphenol		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
4-Chloroaniline		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
3,5-Dimethylphenol		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Phenol		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Bis(2-Chloroethyl) ether		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Bis(2-Chloroethoxy) methane		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)		ug/kg	29 J Z	--	--	380 U	--	--	370 U	390 U B	380 U B	37 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)		ug/kg	--	20 UJ FD	21 U	--	21 U	19 U	--	--	--	--	21 U
Di-N-Octyl Phthalate (8270C)		ug/kg	180 U	--	--	190 U	--	--	190 U	--	--	180 U	--
Di-N-Octyl Phthalate (8270C SIM)		ug/kg	--	20 U	21 U	--	21 U	19 U	--	420 U	20 U	--	21 U
Hexachlorobenzene		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Anthracene (8270C)		ug/kg	--	--	--	--	--	--	54 J Z	--	--	--	--
Anthracene (8270C SIM)		ug/kg	9.2 U	1.9 U	1.9 U	9.4 U	1.9 U	1.8 U	--	3400	18	2.2 J Z	1.9 U
2,4-Dichlorophenol		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
1,2-Diphenylhydrazine		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Pyrene (8270C)		ug/kg	--	--	--	--	--	--	640	--	--	170 J Z	--
Pyrene (8270C SIM)		ug/kg	20	1.9 U	1.9 U	10	1.9 U	0.78 J Z	--	15000	86	--	1.9 U
Dimethylphthalate (8270C)		ug/kg	180 U	--	--	190 U	--	--	190 U	--	--	180 U	--
Dimethylphthalate (8270C SIM)		ug/kg	--	20 U	21 U	--	21 U	19 U	--	420 U	20 U	--	21 U
Dibenzofuran		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Benzo(g,h,i)perylene (8270C)		ug/kg	--	--	--	--	--	--	110 J Z	--	--	41 J Z	--
Benzo(g,h,i)perylene (8270C SIM)		ug/kg	11	1.9 U	1.9 U	6.2 J Z	1.9 U	1.8 U	--	4900	13	--	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)		ug/kg	--	--	--	--	--	--	130 J Z	--	--	53 J Z	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)		ug/kg	7.8 J Z	1.9 U	1.9 U	5.0 J Z	1.9 U	1.8 U	--	5200	13	--	1.9 U
Benzo(b)fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	420	--	--	180	--
Benzo(b)fluoranthene (8270C SIM)		ug/kg	22 J L	1.9 U	1.9 U	25	1.9 U	1.8 U	--	12000	49	--	1.9 U
Fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	470	--	--	120 J Z	--
Fluoranthene (8270C SIM)		ug/kg	16	1.9 U	1.9 U	11	1.9 U	1.8 U	--	16000	92	--	1.9 U
Benzo(k)fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)		ug/kg	10	1.9 U	1.9 U	9.4 U	1.9 U	1.8 U	14	7300	20	18	1.9 U
Acenaphthylene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)		ug/kg	9.2 U	1.9 U	1.9 U	9.4 U	1.9 U	1.8 U	9.3 U	92	1.9 U	9.3 U	1.9 U
Chrysene (8270C)		ug/kg	--	--	--	--	--	--	380	--	--	100 J Z	--
Chrysene (8270C SIM)		ug/kg	16	1.9 U	1.9 U	9.6	1.9 U	0.48 J Z	--	12000	56	--	1.9 U
bis(2-Chloroisopropyl) ether		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Benzo(a)pyrene (8270C)		ug/kg	--	--	--	--	--	--	280	--	--	100 J Z	--
Benzo(a)pyrene (8270C SIM)		ug/kg	16	1.9 U	1.9 U	9.4	1.9 U	1.8 U	--	8500	37	--	1.9 U
2,4-Dinitrophenol		ug/kg	1100 U	1100 UJ Q	1200 U	1100 U	1200 U	1100 U	1100 U	1200 U	1100 U	1100 U	1200 U
4,6-Dinitro-2-Methylphenol		ug/kg	550 U	570 U	580 U	570 U	580 U	540 U	560 U	590 U	570 U	550 U	580 U
Dibenzo(a,h)anthracene (8270C)		ug/kg	--	--	--	--	--	--	32 J Z	--	--	22 J Z	--
Dibenzo(a,h)anthracene (8270C SIM)		ug/kg	9.2 U	1.9 U	1.9 U	9.4 U	1.9 U	1.8 U	--	1900	5.1	--	1.9 U
Benzo(a)anthracene (8270C)		ug/kg	--	--	--	--	--	--	380	--	--	130 J Z	--
Benzo(a)anthracene (8270C SIM)		ug/kg	13	1.9 U	1.9 U	7.0 J Z	1.9 U	1.8 U	--	10000	51	--	1.9 U
4-Chloro-3-Methylphenol		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
N-Nitroso-Di-N-Propylamine		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Aniline		ug/kg	550 U	570 U	580 U	570 U	580 U	540 U	560 U	590 U	570 U	550 U	580 U
Benzoic Acid		ug/kg	550 U	570 U	580 U	570 U	580 U	540 U	560 U	590 U	570 U	550 U	580 U
Hexachloroethane		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
4-Chlorophenyl Phenylether		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Hexachlorocyclopentadiene		ug/kg	550 U	570 U	580 U	570 U	580 U	540 U	560 U	590 U	570 U	550 U	580 U
Isophorone		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Acenaphthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)		ug/kg	9.2 U	1.9 U	1.9 U	9.4 U	1.9 U	1.8 U	9.3 U	450	5.4	9.3 U	1.9 U
Diethylphthalate (8270C)		ug/kg	180 U	--	--	190 U	--	--	190 U	--	--	180 U	--
Diethylphthalate (8270C SIM)		ug/kg	--	20 U	21 U	--	21 U	19 U	--	420 U	20 U	--	21 U
Di-n-Butylphthalate (8270C)		ug/kg	180 U	--	--	190 U	--	--	190 U	--	--	180 U	--
Di-n-Butylphthalate (8270C SIM)		ug/kg	--	20 U	21 U	--	21 U	19 U	--	420 U	20 U	--	21 U
Phenanthrene (8270C)		ug/kg	--	--	--	--	--	--	60 J Z	--	--	--	--
Phenanthrene (8270C SIM)		ug/kg	5.4 J Z	1.9 U	1.9 U	6.5 J Z	1.9 U	1.8 U	--	4200	47	5.9 J Z	1.9 U
Butylbenzylphthalate (8270C)		ug/kg	180 U	--	--	190 U	--	--	190 U	--	--	28 J Z	--
Butylbenzylphthalate (8270C SIM)		ug/kg	--	20 U	21 U	--	21 U	19 U	--	420 U	20 U	--	21 U
N-Nitrosodiphenylamine		ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Fluorene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)		ug/kg	9.2 U	1.9 U	1.9 U	9.4 U	1.9 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-014-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-014-SA5DN-SB-4.0-5.0 05/31/2011 DE169 4 5	SL-014-SA5DN-SB-9.0-10.0 05/31/2011 DE169 9 10	SL-015-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-015-SA5DN-SB-4.0-5.0 06/01/2011 DE170 4 5	SL-015-SA5DN-SB-12.0-13.0 06/01/2011 DE170 12 13	SL-016-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-016-SA5DN-SB-4.0-5.0 06/02/2011 DE172 4 5	SL-016-SA5DN-SB-12.0-13.0 06/02/2011 DE172 12 13	SL-017-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-017-SA5DN-SB-4.0-5.0 06/01/2011 DE170 4 5
Naphthalene (8270C SIM)	ug/kg	9.2 U	1.9 U	1.9 U	4.2 J Z	1.9 U	1.8 U	9.3 U	43	1.9 U	9.3 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kg	9.2 U	1.9 U	1.9 U	9.4 U	1.9 U	1.8 U	9.3 U	39 U	1.9 U	9.3 U	1.9 U
2-Chloronaphthalene	ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
3,3'-Dichlorobenzidine	ug/kg	370 U	380 U	380 U	380 U	390 U	360 U	370 U	390 U	380 U	370 U	380 U
Benzidine	ug/kg	3700 U	3800 U	3800 U	3800 U	3900 U	3600 U	3700 U	3900 U	3800 U	3700 U	3800 U
2-Methylphenol	ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
2-Chlorophenol	ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
2,4,5-Trichlorophenol	ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
3-Nitroaniline	ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U
Benzyl Alcohol	ug/kg	550 U	570 U	580 U	570 U	580 U	540 U	560 U	590 U	570 U	550 U	580 U
2,6-Dinitrotoluene	ug/kg	180 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	180 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-017-SA5DN-SB-7.0-8.0 06/01/2011 DE170 7 8	SL-018-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-018-SA5DN-SB-4.0-5.0 06/01/2011 DE170 4 5	SL-018-SA5DN-SB-7.5-8.5 06/01/2011 DE172 7.5 8.5	SL-019-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-019-SA5DN-SB-4.0-5.0 06/03/2011 DE173 4 5	SL-019-SA5DN-SB-9.0-10.0 06/03/2011 DE173 9 10	SL-020-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-020-SA5DN-SB-3.5-4.5 06/15/2011 DE181 3.5 4.5	SL-021-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-021-SA5DN-SB-4.0-5.0 06/02/2011 DE172 4 5	SL-021-SA5DN-SB-19.5-20.5 06/02/2011 DE172 19.5 20.5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	32.1 J Z	30.8 J Z	46.8	385 U	126	37.1 U B	35.2 UJ B, O	34.4 J Z	388 U	380 U	371 U
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	9.2 U	1.8 U	1.8 U	9.2 U	1.8 U	1.9 U	8.7 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Nitrobenzene	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Hexachlorobutadiene	ug/kg	190 U	180 U	180 U	180 U	190 UJ L	190 U	190 U	170 U	190 U	190 UJ L	190 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	180 U	190 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
4-Nitroaniline	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
4-Nitrophenol	ug/kg	570 U	550 U	550 U	550 U	580 U	580 U	560 U	520 U	560 U	580 U	570 U	560 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	180 U	180 U	180 U	190 UJ L	190 U	190 U	170 U	190 U	190 UJ L	190 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
4-Methylphenol	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
4-Chloroaniline	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Phenol	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	61 J L, Z	30 J Z	--	--	380 U	--	20 J Z	350 U	--	--	380 U B	370 U B
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	--	20 U	20 U	--	21 U	--	--	20 U	21 U	--	--
Di-N-Octyl Phthalate (8270C)	ug/kg	190	180 U	--	--	190 U	--	--	170 U	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	--	--	20 U	20 U	--	21 U	20 U	--	20 U	21 U	20 U	20 U
Hexachlorobenzene	ug/kg	190 U	180 U	180 U	180 U	190 UJ L	190 U	190 U	170 U	190 U	190 UJ L	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	9.2 U	1.8 U	1.8 U	9.6 U	1.9 U	1.8 U	2.7 J Z	1.9 U	0.42 J Z	1.4 J Z	2
2,4-Dichlorophenol	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	14	1.8 U	1.8 U	8.4 J Z	0.80 J Z	0.97 J Z	75	2.4	3.5	14	17
Dimethylphthalate (8270C)	ug/kg	--	180 U	--	--	190 U	--	--	170 U	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	--	20 U	20 U	--	21 U	20 U	--	20 U	21 U	20 U	20 U
Dibenzofuran	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	19 J Z	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	--	1.8 U	1.8 U	4.8 J Z	1.9 U	1.8 U	22	0.93 J Z	1.7 J Z	3.9	3.3
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	6.7 J Z	1.8 U	1.8 U	9.6 U	1.9 U	1.8 U	17	1.9 U	1.6 J Z	3.6	3.5
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	11 J L	1.8 U	1.8 U	12	1.5 J Z	1.8 U	70	1.7 J Z	4.9	12	11
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	13	1.8 U	1.8 U	11	1.0 J L, Z	1.8 UJ L	72	2.3	4.5	12	17
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	5.8 J Z	1.8 U	1.8 U	4.6 J Z	1.9 U	1.8 U	28	1.9 U	5.4	5.2	6
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	9.2 U	1.8 U	1.8 U	9.6 U	1.9 U	1.8 U	8.7 U	1.9 U	1.9 U	1.9 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	11	1.8 U	1.8 U	6.8 J Z	1.7 J Z	1.8	47	1.6 J Z	3.1	13	14
bis(2-Chloroisopropyl) ether	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	8.6 J Z	1.8 U	1.8 U	6.2 J Z	1.9 U	1.8 U	43	1.2 J Z	3.1	9	8.3
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1100 U	1100 U	1200 U	1200 U	1100 U	1000 UJ Q, L	1100 U	1200 U	1100 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	570 U	550 U	550 U	550 U	580 U	580 U	560 U	520 U	560 U	580 U	570 U	560 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	3.7 J Z	1.8 U	1.8 U	9.6 U	1.9 U	1.8 U	5.6 J Z	1.9 U	1.9 U	1.4 J Z	1.3 J Z
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	6.0 J Z	1.8 U	1.8 U	5.2 J Z	0.78 J Z	1.8 U	34	1.1 J Z	1.7 J Z	12	12
4-Chloro-3-Methylphenol	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Aniline	ug/kg	570 U	550 U	550 U	550 U	580 U	580 U	560 U	520 U	560 U	580 U	570 U	560 U
Benzoic Acid	ug/kg	570 U	550 U	550 U	550 U	580 U	580 U	560 U	520 U	560 U	580 U	570 U	560 U
Hexachloroethane	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	570 U	550 U	550 U	550 U	580 U	580 U	560 U	520 U	560 U	580 U	570 U	560 U
Isophorone	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	9.2 U	1.8 U	1.8 U	9.6 U	1.9 U	1.8 U	8.7 U	1.9 U	1.9 U	1.9 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	180 U	--	--	190 U	--	--	170 U	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	--	20 U	20 U	--	21 U	20 U	--	20 U	21 U	20 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	19 J Z	--	--	21 J Z	--	--	170 U	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	--	20 U	20 U	--	21 UJ L	20 UJ L	--	20 U	21 U	20 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	5.6 J Z	1.8 U	1.8 U	7.2 J Z	1.9 U	1.8 U	24	0.87 J Z	1.9	1.9	2.7
Butylbenzylphthalate (8270C)	ug/kg	--	180 U	--	--	190 U	--	--	170 U	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	--	20 U	20 U	--	21 U	20 U	--	20 U	21 U	20 U	20 U
N-Nitrosodiphenylamine	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	9.2 U	1.8 U	1.8 U	9.6 U	1.9 U	1.8 U	8.7 U	1.9 U	1.9 U	1.9 U	1.9 U
Carbazole	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Pentachlorophenol	ug/kg	570 U	550 U	550 U	550 U	580 U	580 U	560 U	520 U	560 U	580 U	570 U	560 U
2,4,6-Trichlorophenol	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
2-Nitroaniline	ug/kg	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
2-Nitrophenol	ug/kg	190 U	180 U	180 U	180 U	190 UJ L	190 U	190 U	170 U	190 U	190 UJ L	190 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	9.2 U	1.8 U	1.8 U	9.6 U	1.9 U	1.8 U	8.7 U	1.9 U	1.9 U	1.9 U	1.9 U
Naphthalene (8270C)	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-SA5DN-SB-7.0-8.0 06/01/2011 DE170 7 8	SL-018-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-018-SA5DN-SB-4.0-5.0 06/01/2011 DE170 4 5	SL-018-SA5DN-SB-7.5-8.5 06/01/2011 DE172 7.5 8.5	SL-019-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-019-SA5DN-SB-4.0-5.0 06/03/2011 DE173 4 5	SL-019-SA5DN-SB-9.0-10.0 06/03/2011 DE173 9 10	SL-020-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-020-SA5DN-SB-3.5-4.5 06/15/2011 DE181 3.5 4.5	SL-021-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-021-SA5DN-SB-4.0-5.0 06/02/2011 DE172 4 5	SL-021-SA5DN-SB-19.5-20.5 06/02/2011 DE172 19.5 20.5
Naphthalene (8270C SIM)	ug/kq	1.9 U	9.2 U	1.8 U	1.8 U	9.6 U	1.9 U	1.8 U	8.7 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	9.2 U	1.8 U	1.8 U	9.6 U	1.9 U	1.8 U	8.7 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Chloronaphthalene	ug/kq	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
3,3'-Dichlorobenzidine	ug/kq	380 U	360 U	370 U	370 U	380 U	380 U	370 U	350 U	370 U	390 U	380 U	370 U
Benzidine	ug/kq	3800 U	3600 U	3700 U	3700 U	3800 U	3800 U	3700 U	3500 U	3700 U	3900 U	3800 U	3700 U
2-Methylphenol	ug/kq	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
2-Chlorophenol	ug/kq	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kq	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
3-Nitroaniline	ug/kq	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U
Benzyl Alcohol	ug/kq	570 U	550 U	550 U	550 U	580 U	580 U	560 U	520 U	560 U	580 U	570 U	560 U
2,6-Dinitrotoluene	ug/kq	190 U	180 U	180 U	180 U	190 U	190 U	190 U	170 U	190 U	190 U	190 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-022-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-022-SA5DN-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-022-SA5DN-SB-15.0-16.0 06/06/2011 DE174 15 16	SL-023-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-023-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-023-SA5DN-SB-20.0-21.0 06/08/2011 DE159 20 21	SL-024-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-024-SA5DN-SB-4.0-5.0 06/07/2011 DE176 4 5	SL-024-SA5DN-SB-19.0-20.0 06/07/2011 DE175 19 20	SL-025-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-025-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5
Chemical Name	Unit											
N-Nitrosodimethylamine (1625C)	ug/kg	38.3 UJ O	116	36.1 U B	42.3 J S	34.3 J Z	44.2	38.5 U B	37.8 UJ FD	37.1 U	38.6 U B	44.9
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
Nitrobenzene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
Hexachlorobutadiene	ug/kg	190 UJ L	190 U	180 U	190 UJ L	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	190 UJ L	180 UJ L	190 U	190 UJ L	180 UJ L	190 U	190 UJ Q, L	180 UJ L	190 U	190 UJ L
4-Nitroaniline	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
4-Nitrophenol	ug/kg	570 U	560 U	540 U	570 U	570 U	550 U	580 U	570 U	550 U	580 U	560 U
4-Bromophenyl Phenyl Ether	ug/kg	190 UJ L	190 U	180 U	190 UJ L	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
4-Methylphenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
4-Chloroaniline	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Phenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	27 J FD, Z	--	--	--	380 U B	370 U B	390 U	--	--	40 J L, Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	20 U	19 U	20 U	--	--	--	20 U	20 U	--	20 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	190 U	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	20 U	19 U	20 U	20 U	20 U	--	20 U	20 U	21 U	20 U
Hexachlorobenzene	ug/kg	190 UJ L	190 U	180 U	190 UJ L	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	1.9 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 UJ FD	1.9 U	1.8 U	1.7 J Z	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	1.5 J Z	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	190 U	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	20 U	19 U	20 U	20 U	20 U	--	20 UJ Q	20 U	21 U	20 U
Dibenzofuran	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	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 UJ FD	1.9 U	1.8 U	1.0 J Z	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	2.2	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	1.8 U	0.88 J Z	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	1.1 J Z	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	2.0 J FD	1.9 U	1.8 U	4.8	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	2.9	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 UJ FD	1.9 U	1.8 U	2.1	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	1.7 J Z	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 UJ FD	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	3.4	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	9.6 U	1.9 UJ Q	1.8 U	1.9 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	0.96 J FD, Z	1.9 U	1.8 U	1.5 J Z	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	1.6 J Z	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 UJ FD	1.9 U	1.8 U	1.8 J Z	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	2.4	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1100 U	1100 U	1100 U	1100 U	1200 U	1100 R Q	1100 U	1200 UJ L	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	570 U	560 U	540 U	570 U	570 U	550 U	580 U	570 R Q	550 U	580 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	1.9 U	1.9 U	1.8 U	9.6 U	1.9 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	1.9 U	1.8 U	1.2 J Z	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	1.0 J Z	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Aniline	ug/kg	570 U	560 U	540 U	570 U	570 U	550 U	580 U	570 U	550 U	580 U	560 U
Benzoic Acid	ug/kg	570 U	560 U	540 U	570 U	570 U	550 U	580 U	570 U	550 U	580 U	560 U
Hexachloroethane	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	570 U	560 U	540 U	570 U	--	550 U	580 U	570 U	550 U	580 U	560 U
Isophorone	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 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	9.6 U	1.9 U	1.8 U	1.9 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	190 U	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	20 U	19 U	20 U	20 U	20 U	--	20 U	20 U	21 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	190 U	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	20 U	19 U	20 U	20 U	20 U	--	20 U	20 U	21 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 UJ FD	1.9 U	1.8 U	0.88 J Z	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	1.9 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	190 U	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	20 U	19 U	20 U	10 J Z	20 U	--	20 U	20 U	21 U	20 U
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	1.9 U	1.9 U
Carbazole	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Pentachlorophenol	ug/kg	570 U	560 U	540 U	570 U	570 U	550 U	580 U	570 U	550 U	580 U	560 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
2-Nitroaniline	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
2-Nitrophenol	ug/kg	190 UJ L	190 U	180 U	190 UJ L	190 UJ L	180 UJ L	190 U	190 UJ Q	180 U	190 U	190 UJ L
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	1.9 U	1.9 U
Naphthalene (8270C)	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-022-SA5DN-SS-0.0-0.5	SL-022-SA5DN-SB-4.0-5.0	SL-022-SA5DN-SB-15.0-16.0	SL-023-SA5DN-SS-0.0-0.5	SL-023-SA5DN-SB-4.0-5.0	SL-023-SA5DN-SB-20.0-21.0	SL-024-SA5DN-SS-0.0-0.5	SL-024-SA5DN-SB-4.0-5.0	SL-024-SA5DN-SB-19.0-20.0	SL-025-SA5DN-SS-0.0-0.5	SL-025-SA5DN-SB-4.0-5.0
		05/23/2011	06/06/2011	06/06/2011	05/23/2011	06/08/2011	06/08/2011	05/20/2011	06/07/2011	06/07/2011	05/20/2011	06/08/2011
		DE159	DE174	DE174	DE159	DE176	DE176	DE158	DE175	DE175	DE158	DE176
		0	4	15	0	4	20	0	4	19	0	4
		0.5	5	16	0.5	5	21	0.5	5	20	0.5	5
Naphthalene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	1.9 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	190 U	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	9.6 U	1.9 U	1.8 U	1.9 U	1.9 U
2-Chloronaphthalene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
3,3'-Dichlorobenzidine	ug/kg	380 U	380 U	360 U	380 U	380 U	370 U	390 U	380 U	370 U	390 U	380 U
Benzidine	ug/kg	3800 UJ Q	3800 U	3600 U	3800 U	3800 U	3700 U	3900 U	3800 UJ Q	3700 U	3900 U	3800 U
2-Methylphenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
2-Chlorophenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ Q	180 U	190 U	190 U
3-Nitroaniline	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Benzyl Alcohol	ug/kg	570 U	560 U	540 U	570 U	570 U	550 U	580 U	570 U	550 U	580 U	560 U
2,6-Dinitrotoluene	ug/kg	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-025-SA5DN-SB-23.0-24.0 06/08/2011 DE176 23 24	SL-026-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-026-SA5DN-SB-4.0-5.0 06/07/2011 DE175 4 5	SL-026-SA5DN-SB-17.0-18.0 06/07/2011 DE175 17 18	SL-027-SA5DN-SS-0.0-0.5 05/20/2011 DE173 0 0.5	SL-027-SA5DN-SB-4.0-5.0 06/03/2011 DE173 4 5	SL-027-SA5DN-SB-14.0-15.0 06/03/2011 DE173 14 15	SL-028-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-028-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-028-SA5DN-SB-11.5-12.5 06/08/2011 DE176 11.5 12.5	SL-029-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5
Chemical Name	Unit											
N-Nitrosodimethylamine (1625C)	ug/kg	49.8	38.4 U B	20.4 J Z	27.1 J Z	38.5 U B	38.3 U B	36.9 U B	38.5 U B	390 U	371 U	38.2 U B
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.8 U	1.9 U	2.0 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
2,4-Dinitrotoluene	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Nitrobenzene	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
1,4-Dichlorobenzene	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
1,2,4-Trichlorobenzene	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
1,3-Dichlorobenzene	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Hexachlorobutadiene	ug/kg	180 U	190 UJ L	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
1,2-Dichlorobenzene	ug/kg	180 UJ L	190 U	200 UJ L	180 UJ L	190 U	190 U	180 U	190 U	190 UJ L	180 UJ L	190 U
4-Nitroaniline	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
4-Nitrophenol	ug/kg	550 U	570 U	590 U	540 U	570 U	570 U	550 U	580 U	580 U	550 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	190 UJ L	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
2,4-Dimethylphenol	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
4-Methylphenol	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
4-Chloroaniline	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
3,5-Dimethylphenol	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Phenol	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	--	33 J L, Z	20 J Z	--	23 J L, Z	--	370 U B	37 J L, Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	20 U	58	21 U	20 U	--	--	20 U	--	21 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	20 U	21 U	21 U	20 U	21 U
Hexachlorobenzene	ug/kg	180 U	190 UJ L	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.8 U	1.9 U	2.0 U	1.8 U	0.58 J Z	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
2,4-Dichlorophenol	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
1,2-Diphenylhydrazine	ug/kg	180 U	190 U	200 U	180 U	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 U	2.4	2.0 U	1.8 U	10	1.9 U	1.8 U	2.3	1.9 U	1.4 J Z	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	21 U	21 U	20 U	21 U	21 U	20 U	21 U
Dibenzofuran	ug/kg	180 U	190 U	200 U	180 U	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	1.8 U	1.3 J Z	2.0 U	1.8 U	3.1	1.9 U	1.8 U	1.9	1.9 U	0.79 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	1.2 J Z	2.0 U	1.8 U	2.9	1.9 U	1.8 U	1.1 J Z	1.9 U	1.8 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.8 U	4.8	2.0 U	1.8 U	17	1.9 U	1.8 U	4.8	1.9 U	2.7	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.8 U	3	2.0 U	1.8 U	8.2	1.9 UJ L	1.8 UJ L	2.3	1.9 U	1.8 U	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.8 U	5.6	2.0 U	1.8 U	7.9	1.9 U	1.8 U	3.8	1.9 U	0.80 J Z	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.8 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.8 U	2.7	2.0 U	0.74 J Z	10	1.9 U	1.8 U	3	1.9 U	2.2	0.49 J Z
bis(2-Chloroisopropyl) ether	ug/kg	180 U	190 U	200 U	180 U	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	1.8 U	2.7	2.0 U	1.8 U	12	1.9 U	1.8 U	2.1	1.9 U	1.9	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1200 U	1100 U	1100 UJ L	1100 U	1100 U	1200 UJ L	1200 U	1100 U	1200 UJ L
4,6-Dinitro-2-Methylphenol	ug/kg	550 U	570 U	590 U	540 U	570 U	570 U	550 U	580 U	580 U	550 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.8 U	1.9 U	2.0 U	1.8 U	1.1 J Z	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	1.8 U	1.4 J Z	2.0 U	1.8 U	9.6	1.9 U	1.8 U	0.98 J Z	1.9 U	0.79 J Z	1.9 U
4-Chloro-3-Methylphenol	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Aniline	ug/kg	550 U	570 U	590 U	540 U	570 U	570 U	550 U	580 U	580 U	550 U	580 U
Benzoic Acid	ug/kg	550 U	570 U	590 U	540 U	570 U	570 U	550 U	580 U	580 U	550 U	580 U
Hexachloroethane	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
4-Chlorophenyl Phenylether	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Hexachlorocyclopentadiene	ug/kg	550 U	570 U	590 U	540 U	570 U	570 U	550 U	580 U	580 U	550 U	580 U
Isophorone	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.8 U	1.9 U	2.0 U	1.8 U	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	20 U	21 U	21 U	20 U	21 U	21 U	20 U	7.1 J Z	21 U	20 U	9.6 J Z
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	21 U	21 UJ L	20 UJ L	21 U	21 U	20 U	9.7 J Z
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.8 U	1.2 J Z	2.0 U	1.8 U	0.86 J Z	1.9 U	1.8 U	1.2 J Z	1.9 U	1.8 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	21 U	21 U	20 U	21 U	21 U	12 J Z	21 U
N-Nitrosodiphenylamine	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.8 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Carbazole	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Pentachlorophenol	ug/kg	550 U	570 U	590 U	540 U	570 U	570 U	550 U	580 U	580 U	550 U	580 U
2,4,6-Trichlorophenol	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
2-Nitroaniline	ug/kg	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
2-Nitrophenol	ug/kg	180 UJ L	190 UJ L	200 U	180 U	190 U	190 U	180 U	190 U	190 UJ L	180 UJ L	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.8 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
Naphthalene (8270C)	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-025-SA5DN-SB-23.0-24.0 06/08/2011 DE176 23 24	SL-026-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-026-SA5DN-SB-4.0-5.0 06/07/2011 DE175 4 5	SL-026-SA5DN-SB-17.0-18.0 06/07/2011 DE175 17 18	SL-027-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-027-SA5DN-SB-4.0-5.0 06/03/2011 DE173 4 5	SL-027-SA5DN-SB-14.0-15.0 06/03/2011 DE173 14 15	SL-028-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-028-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-028-SA5DN-SB-11.5-12.5 06/08/2011 DE176 11.5 12.5	SL-029-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5
Naphthalene (8270C SIM)	ug/kq	1.8 U	0.95 J Z	2.0 U	1.8 U	1.9 U	1.9 U	1.8 U	0.98 J Z	1.9 U	1.8 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.8 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U
2-Chloronaphthalene	ug/kq	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
3,3'-Dichlorobenzidine	ug/kq	370 U	380 U	390 U	360 U	380 U	380 U	370 U	380 U	380 U	370 U	390 U
Benzidine	ug/kq	3700 U	3800 U	3900 U	3600 U	3800 U	3800 U	3700 U	3800 U	3800 U	3700 U	3900 U
2-Methylphenol	ug/kq	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
2-Chlorophenol	ug/kq	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
2,4,5-Trichlorophenol	ug/kq	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
3-Nitroaniline	ug/kq	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U
Benzyl Alcohol	ug/kq	550 U	570 U	590 U	540 U	570 U	570 U	550 U	580 U	580 U	550 U	580 U
2,6-Dinitrotoluene	ug/kq	180 U	190 U	200 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-029-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-030-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-030-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-031-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-031-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-032-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-032-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-032-SA5DN-SB-10.0-11.0 06/14/2011 DE180 10 11	SL-033-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-033-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-033-SA5DN-SB-11.0-12.0 06/14/2011 DE180 11 12	SL-034-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	33.3 J Z	257 J Z	36.3 J Z	303 J Z	36.0 J Z	63.8	45.9	36.4 U	260 J Z	388 U	372 U	91.8
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.8 U
2,4-Dinitrotoluene	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
Nitrobenzene	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
Hexachlorobutadiene	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
1,2-Dichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
4-Nitroaniline	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
4-Nitrophenol	ug/kg	560 U	570 U	570 U	580 U	570 U	550 U	560 U	550 U	580 U	580 U	560 U	550 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
4-Methylphenol	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
4-Chloroaniline	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
Phenol	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	--	--	28 J Z	--	--	390 U	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	21 U	21 U	--	21 U	20 U	--	21 U	20 U	8.1 J Z
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	190 U	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	8.8 J Z	21 U	8.5 J Z	21 U	20 U	--	21 U	20 U	20 U
Hexachlorobenzene	ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	0.58 J Z	1.9 U	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U
2,4-Dichlorophenol	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	3.4	1.9 U	1.8 U	4.1 J Z	1.9 U	1.9 U	1.5 J Z
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	190 U	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	21 U	21 U	20 U	21 U	20 U	--	21 U	20 U	20 U
Dibenzofuran	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 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 U	1.9 U	1.9 U	1.3 J Z	1.9 U	1.8 U	9.7 U	1.2 J FD, Z	1.9 U	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	1.9 U	1.9 U	1.9 U	1.9 U	1.2 J Z	1.9 U	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.6	1.9 U	1.8 U	4.4 J Z	1.9 UJ FD	1.9 U	6.8
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	5.2	1.9 U	1.8 U	7.0 J Z	1.9 U	1.9 U	2.5
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	5.2	1.9 U	1.8 U	5.8 J Z	1.3 J FD, Z	1.9 U	1.6 J Z
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	0.40 J Z	1.9 U	1.9 U	1.9 U	3.2	1.9 U	1.8 U	5.0 J Z	1.1 J Z	1.9 U	1.3 J Z
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 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	1.9 U	1.9 U	1.9 U	1.9 U	2.5	1.9 U	1.8 U	9.7 U	0.99 J FD, Z	1.9 U	0.95 J Z
2,4-Dinitrophenol	ug/kg	1100 U	1100 UJ L	1100 U	1200 UJ L	1100 U	1100 UJ L	1100 U	1100 U	1200 UJ L	1100 U	1100 U	1100 UJ L
4,6-Dinitro-2-Methylphenol	ug/kg	560 U	570 U	570 U	580 U	570 U	550 U	560 U	550 U	580 U	580 U	560 U	550 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	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.6 J Z	1.9 U	1.8 U	9.7 U	1.9 U	1.9 U	0.82 J Z
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
Aniline	ug/kg	560 U	570 U	570 U	580 U	570 U	550 U	560 U	550 U	580 U	580 U	560 U	550 U
Benzoic Acid	ug/kg	560 U	570 U	570 U	580 U	570 U	550 U	560 U	550 U	580 U	580 U	560 U	550 U
Hexachloroethane	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
Hexachlorocyclopentadiene	ug/kg	560 U	570 U	570 U	580 U	570 U	550 U	560 U	550 U	580 U	580 U	560 U	550 U
Isophorone	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	190 U	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	21 U	21 U	20 U	21 U	20 U	--	21 U	20 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	190 U	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	21 U	21 U	20 U	21 U	20 U	--	9.6 J Z	20 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.8	1.9 U	1.8 U	9.7 U	1.9 U	1.9 U	1.2 J Z
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	260	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	12 J Z	21 U	21 U	21 U	--	21 U	20 U	36 J Z	8.3 J FD, Z	20 U	20 U
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	9.7 U	1.9 U	1.9 U	0.85 J Z
Carbazole	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
Pentachlorophenol	ug/kg	560 U	570 U	570 U	580 U	570 U	550 U	560 U	550 U	580 U	580 U	560 U	550 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
2-Nitroaniline	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
2-Nitrophenol	ug/kg	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	0.75 J Z	1.9 U	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U
Naphthalene (8270C)	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-029-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-030-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-030-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-031-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-031-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-032-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-032-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-032-SA5DN-SB-10.0-11.0 06/14/2011 DE180 10 11	SL-033-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-033-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-033-SA5DN-SB-11.0-12.0 06/14/2011 DE180 11 12	SL-034-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5
Naphthalene (8270C SIM)	ug/kq	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.4 J Z	1.9 U	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	0.84 J Z	1.9 U	1.8 U	9.7 U	1.9 U	1.9 U	1.8 U
2-Chloronaphthalene	ug/kq	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
3,3'-Dichlorobenzidine	ug/kq	380 U	380 U	380 U	390 U	380 U	370 U	380 U	360 U	390 U	390 U	370 U	360 U
Benzidine	ug/kq	3800 U	3800 U	3800 U	3900 U	3800 U	3700 U	3800 U	3600 U	3900 U	3900 U	3700 U	3600 U
2-Methylphenol	ug/kq	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
2-Chlorophenol	ug/kq	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
2,4,5-Trichlorophenol	ug/kq	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
3-Nitroaniline	ug/kq	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U
Benzyl Alcohol	ug/kq	560 U	570 U	570 U	580 U	570 U	550 U	560 U	550 U	580 U	580 U	560 U	550 U
2,6-Dinitrotoluene	ug/kq	190 U	190 U	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U

Sample Name Sample Date SDG Start Depth End Depth		SL-034-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-035-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-035-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-035-SA5DN-SB-9.5-10.5 06/14/2011 DE180 9.5 10.5	SL-036-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-036-SA5DN-SB-4.0-5.0 06/07/2011 DE175 4 5	SL-036-SA5DN-SB-9.0-10.0 06/07/2011 DE175 9 10	SL-037-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-037-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-037-SA5DN-SB-11.5-12.5 06/09/2011 DE177 11.5 12.5	SL-038-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-038-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	30.4 J Z	38.3 U	93.9	28.5 J Z	37.9 U B	29.3 J Z	23.9 J Z	38.1 U B	42.7 J Q	36.8 UJ F, S	38.6 U B	387 U
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	2.0 U	1.9 U	1.8 U	2.0 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	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Nitrobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Hexachlorobutadiene	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	200 UJ L	190 UJ L	190 U	200 U	190 U	190 U	190 U
4-Nitroaniline	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
4-Nitrophenol	ug/kg	580 U	580 U	580 U	550 U	570 U	590 U	570 U	580 U	610 U	560 U	580 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
4-Methylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
4-Chloroaniline	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Phenol	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	20 J Z	--	--	39 J L, Z	--	--	--	410 U B	--	--	390 U B
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	21 U	--	21 U	20 U	--	21 U	21 U	91 J Z	--	20 U	130	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	190 U	--	--	190 U	--	--	190 U	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	--	21 U	20 U	--	21 U	21 U	--	22 U	20 U	19 J Z	21 U
Hexachlorobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	9.5 U	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	9.6 U	2.0 U	1.8 U	0.85 J Z	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	29 J Z	--	--	--	--
Pyrene (8270C SIM)	ug/kg	0.97 J Z	9.5 U	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	--	2.0 U	1.8 U	18	0.91 J Z
Dimethylphthalate (8270C)	ug/kg	--	190 U	--	--	190 U	--	--	190 U	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	--	21 U	20 U	--	21 U	21 U	--	22 U	20 U	21 U	21 U
Dibenzofuran	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 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	1.9 U	9.5 U	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	9.6 U	2.0 U	1.8 U	4.9	0.90 J Z
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	9.5 U	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	9.6 U	2.0 U	1.8 U	4.3	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	23 J Z	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	4.2	9.5 U	2.0 U	1.9 U	8.3 J Z	2.0 U	1.9 U	--	2.0 U	1.8 U	25	1.4 J Z
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	24 J Z	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	5.0 J Z	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	--	2.0 U	1.8 U	19	0.97 J Z
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.3 J Z	5.0 J Z	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	7.1 J Z	2.0 U	1.8 U	11	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	9.5 U	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	9.6 U	2.0 U	1.8 U	1.9 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	26 J Z	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.1 J Z	3.5 J Z	2.0 U	1.9 U	3.3 J Z	2.0 U	1.9 U	--	2.0 U	1.8 U	16	1.3 J Z
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	22 J Z	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	2.8	9.5 U	2.0 U	1.9 U	4.1 J Z	2.0 U	1.9 U	--	2.0 U	1.8 U	17	0.81 J Z
2,4-Dinitrophenol	ug/kg	1200 U	1200 UJ L	1200 U	1100 U	1100 UJ L	1200 U	1100 U	1200 UJ L	1200 U	1100 U	1200 UJ L	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	580 U	580 U	550 U	570 U	590 U	570 U	580 U	610 U	560 U	580 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	9.5 U	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	9.6 U	2.0 U	1.8 U	1.7 J Z	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	9.5 U	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	5.2 J Z	2.0 U	1.8 U	12	1.1 J Z
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Aniline	ug/kg	580 U	580 U	580 U	550 U	570 U	590 U	570 U	580 U	610 U	560 U	580 U	580 U
Benzoic Acid	ug/kg	580 U	580 U	580 U	550 U	570 U	590 U	570 U	580 U	610 U	560 U	580 U	580 U
Hexachloroethane	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	580 U	580 U	580 U	550 U	570 U	590 U	570 U	580 U	610 U	560 U	580 U	580 U
Isophorone	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	9.5 U	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	9.6 U	2.0 U	1.8 U	1.9 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	190 U	--	--	190 U	--	--	190 U	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	--	21 U	20 U	--	21 U	21 U	--	22 U	20 U	21 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	190 U	--	--	--	--	--	190 U	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	--	21 U	20 U	71 J Z	21 U	21 U	--	22 U	20 U	8.1 J Z	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	9.5 U	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	9.6 U	2.0 U	1.8 U	5.4	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	190 U	--	--	190 U	--	--	190 U	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	--	21 U	20 U	--	21 U	21 U	--	22 U	20 U	21 U	8.8 J Z
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	9.5 U	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	9.6 U	2.0 U	1.8 U	1.9 U	1.9 U
Carbazole	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Pentachlorophenol	ug/kg	580 U	580 U	580 U	550 U	570 U	590 U	570 U	580 U	610 U	560 U	580 U	580 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
2-Nitroaniline	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
2-Nitrophenol	ug/kg	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	9.5 U	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	9.6 U	2.0 U	1.8 U	1.9 U	1.9 U
Naphthalene (8270C)	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-034-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-035-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-035-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-035-SA5DN-SB-9.5-10.5 06/14/2011 DE180 9.5 10.5	SL-036-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-036-SA5DN-SB-4.0-5.0 06/07/2011 DE175 4 5	SL-036-SA5DN-SB-9.0-10.0 06/07/2011 DE175 9 10	SL-037-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-037-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-037-SA5DN-SB-11.5-12.5 06/09/2011 DE177 11.5 12.5	SL-038-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-038-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5
Naphthalene (8270C SIM)	ug/kq	1.9 U	9.5 U	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	9.6 U	2.0 U	1.8 U	1.9 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	9.5 U	2.0 U	1.9 U	9.4 U	2.0 U	1.9 U	9.6 U	2.0 U	1.8 U	1.9 U	1.9 U
2-Chloronaphthalene	ug/kq	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
3,3'-Dichlorobenzidine	ug/kq	380 U	380 U	390 U	370 U	380 U	390 U	380 U	380 U	410 U	370 U	390 U	390 U
Benzidine	ug/kq	3800 U	3800 U	3900 U	3700 U	3800 U	3900 U	3800 U	3800 U	4100 U	3700 U	3900 U	3900 U
2-Methylphenol	ug/kq	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
2-Chlorophenol	ug/kq	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kq	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
3-Nitroaniline	ug/kq	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U
Benzyl Alcohol	ug/kq	580 U	580 U	580 U	550 U	570 U	590 U	570 U	580 U	610 U	560 U	580 U	580 U
2,6-Dinitrotoluene	ug/kq	190 U	190 U	190 U	180 U	190 U	200 U	190 U	190 U	200 U	190 U	190 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-038-SA5DN-SB-10.5-11.5 06/09/2011 DE177 10.5 11.5	SL-039-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-039-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-039-SA5DN-SB-11.5-12.5 06/09/2011 DE177 11.5 12.5	SL-040-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-040-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-040-SA5DN-SB-10.5-11.5 06/09/2011 DE177 10.5 11.5	SL-041-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-041-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5	SL-041-SA5DN-SB-9.0-10.0 06/10/2011 DE178 9 10	SL-042-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5
Chemical Name	Unit											
N-Nitrosodimethylamine (1625C)	ug/kg	369 U	39.1 U B	384 U	37.3 U	38.6 U B	388 U	355 U	61.1	39.5 U	372 U	411 J Z
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	15 U
2,4-Dinitrotoluene	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
Nitrobenzene	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
1,4-Dichlorobenzene	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
1,2,4-Trichlorobenzene	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
1,3-Dichlorobenzene	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
Hexachlorobutadiene	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
1,2-Dichlorobenzene	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
4-Nitroaniline	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
4-Nitrophenol	ug/kg	550 U	580 U	580 U	570 U	580 U	580 U	530 U	580 U	590 U	560 UJ S	920 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
2,4-Dimethylphenol	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
4-Methylphenol	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
4-Chloroaniline	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
3,5-Dimethylphenol	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	310 U
Phenol	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	370 U B	54 J L, Z	390 U B	380 U B	--	390 U B	360 U B	--	38 J Z	19 J S, Z	130 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	--	--	--	25	--	--	89 J Z	--	--	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	310 U
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	21 U	21 U	19 U	50 J Z	21 U	20 U	--
Hexachlorobenzene	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
Anthracene (8270C)	ug/kg	--	48 J Z	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.8 U	--	1.9 U	1.9 U	0.77 J Z	1.9 U	1.4 J Z	9.8 U	0.51 J Z	1.9 U	15 U
2,4-Dichlorophenol	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
1,2-Diphenylhydrazine	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U	310 U
Pyrene (8270C)	ug/kg	--	430	--	--	--	--	--	26 J Z	--	--	--
Pyrene (8270C SIM)	ug/kg	1.8 U	--	3.2	1.7 J Z	11	2.1	25	--	5.1	1.7 J Z	11 J Z
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	190 U	--	--	310 U
Dimethylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	21 U	21 U	19 U	--	21 U	20 U	--
Dibenzofuran	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	75 J Z	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.8 U	--	1.7 J Z	0.90 J Z	6.1	2.4	16	9.8 U	3	1.3 J Z	7.8 J Z
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	89 J Z	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.8 U	--	1.3 J Z	1.9 U	5.1	1.0 J Z	11	9.8 U	1.7 J Z	0.83 J Z	15 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	150 J Z	--	--	--	--	--	20 J Z	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.8 U	--	4.2	2.4	19	2.5	34	--	4.5	2	18
Fluoranthene (8270C)	ug/kg	--	390	--	--	--	--	--	21 J Z	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.8 U	--	3.7	2	14	2.3	31	--	6.3	1.6 J Z	16
Benzo(k)fluoranthene (8270C)	ug/kg	--	72 J Z	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.8 U	--	1.8 J Z	0.81 J Z	10	1.3 J Z	13	4.1 J Z	2.3	0.95 J Z	24
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	9.8 U	2.0 U	1.9 U	15 U
Chrysene (8270C)	ug/kg	--	200	--	--	--	--	--	24 J Z	--	--	33 J Z
Chrysene (8270C SIM)	ug/kg	1.8 U	--	3.6	2.2	14	1.9	31	--	4.1	1.8 J Z	--
bis(2-Chloroisopropyl) ether	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
Benzo(a)pyrene (8270C)	ug/kg	--	140 J Z	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.8 U	--	2.9	1.7 J Z	12	1.8 J Z	25	4.6 J Z	3.5	1.4 J Z	14 J Z
2,4-Dinitrophenol	ug/kg	1100 U	1200 UJ L	1200 U	1100 U	1200 UJ L	1200 U	1100 U	1200 UJ L	1200 U	1100 UJ S	1800 UJ L
4,6-Dinitro-2-Methylphenol	ug/kg	550 U	580 U	580 U	570 U	580 U	580 U	530 U	580 U	590 U	560 UJ S	920 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.8 U	2.4	1.9 U	1.9 U	1.9	1.9 U	4.5	9.8 U	0.91 J Z	1.9 U	15 U
Benzo(a)anthracene (8270C)	ug/kg	--	190	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.8 U	--	3	1.9	7.7	1.4 J Z	28	9.8 U	3.4	1.2 J Z	9.7 J Z
4-Chloro-3-Methylphenol	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
Aniline	ug/kg	550 U	580 U	580 U	570 U	580 U	580 U	530 U	580 U	590 U	560 UJ S	920 U
Benzoic Acid	ug/kg	550 U	580 U	580 U	570 U	580 U	580 U	530 U	580 U	590 U	560 UJ S	920 U
Hexachloroethane	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
4-Chlorophenyl Phenylether	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
Hexachlorocyclopentadiene	ug/kg	550 U	580 U	580 U	570 U	580 U	580 U	530 U	580 U	590 U	560 UJ S	920 U
Isophorone	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
Acenaphthene (8270C)	ug/kg	--	35 J Z	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.8 U	--	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	9.8 U	2.0 U	1.9 U	15 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	190 U	--	--	310 U
Diethylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	21 U	21 U	19 U	--	21 U	20 U	--
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	190 U	--	--	310 U
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	21 U	8.8 J Z	20 U	21 U	21 U	19 U	--	21 U	20 U	--
Phenanthrene (8270C)	ug/kg	--	290	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.8 U	--	1.1 J Z	1.9 U	3.9	1.9 U	6.7	9.8 U	2.3	0.89 J Z	15 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	190 U	--	--	310 U
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	21 U	21 U	19 U	--	21 U	20 U	--
N-Nitrosodiphenylamine	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
Fluorene (8270C)	ug/kg	--	21 J Z	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.8 U	--	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	9.8 U	2.0 U	1.9 U	15 U
Carbazole	ug/kg	180 U	27 J Z	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
Pentachlorophenol	ug/kg	550 U	580 U	580 U	570 U	580 U	580 U	530 U	580 U	590 U	560 UJ S	920 U
2,4,6-Trichlorophenol	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
2-Nitroaniline	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
2-Nitrophenol	ug/kg	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.8 U	1.9 U	1.9 U	1.9 U	0.82 J Z	1.9 U	1.8 U	9.8 U	2.0 U	1.9 U	15 U
Naphthalene (8270C)	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-038-SA5DN-SB-10.5-11.5 06/09/2011 DE177 10.5 11.5	SL-039-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-039-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-039-SA5DN-SB-11.5-12.5 06/09/2011 DE177 11.5 12.5	SL-040-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-040-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-040-SA5DN-SB-10.5-11.5 06/09/2011 DE177 10.5 11.5	SL-041-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-041-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5	SL-041-SA5DN-SB-9.0-10.0 06/10/2011 DE178 9 10	SL-042-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5
Naphthalene (8270C SIM)	ug/kq	1.8 U	1.9 U	1.9 U	1.9 U	1.5 J Z	1.9 U	1.8 U	9.8 U	2.0 U	1.9 U	15 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.8 U	1.9 U	1.9 U	1.9 U	0.91 J Z	1.9 U	1.8 U	9.8 U	2.0 U	1.9 U	15 U
2-Chloronaphthalene	ug/kq	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
3,3'-Dichlorobenzidine	ug/kq	370 U	390 U	390 U	380 U	390 U	390 U	360 U	390 U	390 U	380 UJ S	610 U
Benzidine	ug/kq	3700 U	3900 U	3900 U	3800 U	3900 U	3900 U	3600 U	3900 U	3900 U	3800 UJ S	6100 U
2-Methylphenol	ug/kq	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
2-Chlorophenol	ug/kq	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
2,4,5-Trichlorophenol	ug/kq	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
3-Nitroaniline	ug/kq	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U
Benzyl Alcohol	ug/kq	550 U	580 U	580 U	570 U	580 U	580 U	530 U	580 U	590 U	560 UJ S	920 U
2,6-Dinitrotoluene	ug/kq	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 UJ S	310 U

Sample Name Sample Date SDG Start Depth End Depth		SL-042-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-042-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-043-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-043-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-043-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-044-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-044-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-044-SA5DN-SB-12.0-13.0 06/14/2011 DE180 12 13	SL-045-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-045-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5	SL-045-SA5DN-SB-9.0-10.0 06/10/2011 DE178 9 10
Chemical Name	Unit											
N-Nitrosodimethylamine (1625C)	ug/kg	38.7 U	365 U	57.4 J FD, O	37.9 U	38.0 U	376 U B	391 U	377 U	221 J Z	80.4	38.1 U
N-Nitrosodimethylamine (8270C SIM)	ug/kg	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	9.6 U	2.0 U	1.9 U
2,4-Dinitrotoluene	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Nitrobenzene	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
1,4-Dichlorobenzene	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
1,2,4-Trichlorobenzene	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
1,3-Dichlorobenzene	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Hexachlorobutadiene	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
1,2-Dichlorobenzene	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
4-Nitroaniline	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
4-Nitrophenol	ug/kg	590 U	550 U	580 U	570 U	570 U	570 U	580 U	560 U	580 U	590 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
2,4-Dimethylphenol	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
4-Methylphenol	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
4-Chloroaniline	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
3,5-Dimethylphenol	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Phenol	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	22 J Z	--	21 J Z	--	43 J L, Z	--	--	27 J Z	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	21 U	--	9.9 J Z	--	21 U	--	21 U	20 U	--	21 U	21 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	190 U	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	20 U	9.6 J Z	21 U	8.7 J Z	8.6 J Z	21 U	16 J Z	--	21 U	21 U
Hexachlorobenzene	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	19 J Z	--	--	--
Anthracene (8270C SIM)	ug/kg	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	--	9.6 U	2.0 U	1.9 U
2,4-Dichlorophenol	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
1,2-Diphenylhydrazine	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Pyrene (8270C)	ug/kg	30 J Z	--	--	--	--	--	--	110 J Z	20 J Z	--	--
Pyrene (8270C SIM)	ug/kg	--	1.3 J Z	1.6 J FD, Z	1.9 U	1.9 U	0.77 J Z	2.0 U	--	--	2.0 U	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	190 U	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	20 U	21 U	21 U	21 U	20 U	21 U	20 U	--	21 U	21 U
Dibenzofuran	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	20 J Z	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.8 J Z	0.92 J Z	1.2 J FD, Z	1.9 U	1.9 U	1.9 U	2.0 U	2	--	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	1.4 J Z	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.6 J Z	9.6 U	2.0 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	26 J Z	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	--	2.5	3.1 J FD	0.93 J Z	1.9 U	1.3 J Z	2.0 U	21	7.5 J Z	2.0 U	1.9 U
Fluoranthene (8270C)	ug/kg	27 J Z	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	--	1.7 J Z	2.3 J FD	0.89 J Z	1.9 U	0.78 J Z	2.0 U	5.4	11	2.0 U	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	2.3	1.1 J Z	1.1 J FD, Z	1.9 U	1.9 U	0.78 J Z	2.0 U	6.7	7.3 J Z	2.0 U	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	9.6 U	2.0 U	1.9 U
Chrysene (8270C)	ug/kg	34 J Z	--	--	--	--	--	--	68 J Z	23 J Z	--	--
Chrysene (8270C SIM)	ug/kg	--	2	1.8 J FD, Z	0.79 J Z	1.9 U	0.68 J Z	2.0 U	--	--	2.0 U	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	22 J Z	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	--	1.7 J Z	1.9 J FD	1.9 U	1.9 U	1.9 U	2.0 U	14	5.2 J Z	2.0 U	1.9 U
2,4-Dinitrophenol	ug/kg	1200 UJ O, L	1100 UJ L	1200 UJ L	1100 UJ L	1100 UJ L	1100 UJ L	1200 U	1100 U	1200 UJ L	1200 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	590 U	550 U	580 U	570 U	570 U	570 U	580 U	560 U	580 U	590 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.2 J Z	9.6 U	2.0 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	29 J Z	--	--	--	--	--	--	62 J Z	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	--	1.7 J Z	1.3 J FD, Z	1.9 U	1.9 U	1.9 U	2.0 U	--	9.6 U	2.0 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Aniline	ug/kg	590 U	550 U	580 U	570 U	570 U	570 U	580 U	560 U	580 U	590 U	580 U
Benzoic Acid	ug/kg	590 U	550 U	580 U	570 U	570 U	570 U	580 U	560 U	580 U	590 U	580 U
Hexachloroethane	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
4-Chlorophenyl Phenylether	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Hexachlorocyclopentadiene	ug/kg	590 U	550 U	580 U	570 U	570 U	570 U	580 U	560 U	580 U	590 U	580 U
Isophorone	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	9.6 U	2.0 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	190 U	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	20 U	21 U	21 U	21 U	20 U	21 U	20 U	--	21 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	190 U	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	20 U	7.0 J Z	21 U	21 U	20 U	21 U	20 U	--	21 U	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	69 J Z	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.4 J Z	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	--	9.6 U	2.0 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	22 J Z	190 U	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	20 U	21 U	21 U	21 U	20 U	21 U	--	--	21 U	21 U
N-Nitrosodiphenylamine	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	9.6 U	2.0 U	1.9 U
Carbazole	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	25 J Z	190 U	200 U	190 U
Pentachlorophenol	ug/kg	590 U	550 U	580 U	570 U	570 U	570 U	580 U	560 U	580 U	590 U	580 U
2,4,6-Trichlorophenol	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
2-Nitroaniline	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
2-Nitrophenol	ug/kg	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	9.6 U	2.0 U	1.9 U
Naphthalene (8270C)	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-042-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-042-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-043-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-043-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-043-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-044-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-044-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-044-SA5DN-SB-12.0-13.0 06/14/2011 DE180 12 13	SL-045-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-045-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5	SL-045-SA5DN-SB-9.0-10.0 06/10/2011 DE178 9 10
Naphthalene (8270C SIM)	ug/kq	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	9.6 U	2.0 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	9.6 U	2.0 U	1.9 U
2-Chloronaphthalene	ug/kq	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
3,3'-Dichlorobenzidine	ug/kq	390 U	370 U	380 U	380 U	380 U	380 U	390 U	370 U	390 U	390 U	380 U
Benzidine	ug/kq	3900 U	3700 U	3800 UJ Q	3800 U	3800 U	3800 U	3900 U	3700 U	3900 U	3900 U	3800 U
2-Methylphenol	ug/kq	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
2-Chlorophenol	ug/kq	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
2,4,5-Trichlorophenol	ug/kq	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
3-Nitroaniline	ug/kq	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
Benzyl Alcohol	ug/kq	590 U	550 U	580 U	570 U	570 U	570 U	580 U	560 U	580 U	590 U	580 U
2,6-Dinitrotoluene	ug/kq	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-046-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-046-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-046-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-047-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-047-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-047-SA5DN-SB-10.0-11.0 06/13/2011 DE179 10 11	SL-048-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-048-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5	SL-048-SA5DN-SB-11.5-12.5 06/10/2011 DE178 11.5 12.5	SL-049-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-049-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5
Chemical Name		Unit										
N-Nitrosodimethylamine (1625C)		ug/kg	379 U	38.2 U	92	276 J Z	374 UJ H	35.4 U	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)		ug/kg	48 U	1.9 U	1.9 U	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	2.0 U
2,4-Dinitrotoluene		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Nitrobenzene		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
1,4-Dichlorobenzene		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
1,2,4-Trichlorobenzene		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
1,3-Dichlorobenzene		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Hexachlorobutadiene		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
1,2-Dichlorobenzene		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
4-Nitroaniline		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
4-Nitrophenol		ug/kg	570 U	580 U	570 U	540 U	560 U	530 U	560 U	580 U	540 U	590 U
4-Bromophenyl Phenyl Ether		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
2,4-Dimethylphenol		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
4-Methylphenol		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
4-Chloroaniline		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
3,5-Dimethylphenol		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Phenol		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Bis(2-Chloroethyl) ether		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Bis(2-Chloroethoxy) methane		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)		ug/kg	380 U	--	--	23 J Z	--	--	--	--	74 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)		ug/kg	--	8.2 J Z	21 U	--	20 U	19 U	7.7 J Z	21 U	--	21 U
Di-N-Octyl Phthalate (8270C)		ug/kg	190 U	--	--	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)		ug/kg	--	14 J Z	21 U	20 U	20 U	19 U	8.7 J Z	21 U	20 U	21 U
Hexachlorobenzene		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Anthracene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)		ug/kg	48 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	2.0 U
2,4-Dichlorophenol		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
1,2-Diphenylhydrazine		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Pyrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	64 J Z	--
Pyrene (8270C SIM)		ug/kg	180	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U	2.1
Dimethylphthalate (8270C)		ug/kg	190 U	--	--	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)		ug/kg	--	21 U	21 U	20 U	20 U	19 U	20 U	21 U	20 U	21 U
Dibenzofuran		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Benzo(g,h,i)perylene (8270C)		ug/kg	--	--	--	--	--	--	--	--	55 J Z	--
Benzo(g,h,i)perylene (8270C SIM)		ug/kg	67	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U	2.4
Indeno(1,2,3-Cd)Pyrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)		ug/kg	35 J Z	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U	0.83 J Z
Benzo(b)fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	55 J Z	--
Benzo(b)fluoranthene (8270C SIM)		ug/kg	330	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	--	2.5
Fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	68 J Z	--
Fluoranthene (8270C SIM)		ug/kg	48 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	--	2.8
Benzo(k)fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	21 J Z	--
Benzo(k)fluoranthene (8270C SIM)		ug/kg	48 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	--	2.0 U
Acenaphthylene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)		ug/kg	48 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U	2.0 U
Chrysene (8270C)		ug/kg	--	--	--	--	--	--	--	--	64 J Z	--
Chrysene (8270C SIM)		ug/kg	48 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	0.43 J Z	1.9 U	1.9 U	1.8 J Z
bis(2-Chloroisopropyl) ether		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Benzo(a)pyrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	33 J Z	--
Benzo(a)pyrene (8270C SIM)		ug/kg	87	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	--	1.3 J Z
2,4-Dinitrophenol		ug/kg	1100 UJ L	1200 UJ L	1100 UJ L	1100 UJ L	1100 UJ L	1100 UJ L	1100 UJ L	1200 U	1100 U	1200 U
4,6-Dinitro-2-Methylphenol		ug/kg	570 U	580 U	570 U	540 U	560 U	530 U	560 U	580 U	540 U	590 U
Dibenzo(a,h)anthracene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)		ug/kg	38 J Z	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U	2.0 U
Benzo(a)anthracene (8270C)		ug/kg	--	--	--	--	--	--	--	--	37 J Z	--
Benzo(a)anthracene (8270C SIM)		ug/kg	320	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	--	1.0 J Z
4-Chloro-3-Methylphenol		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
N-Nitroso-Di-N-Propylamine		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Aniline		ug/kg	570 U	580 U	570 U	540 U	560 U	530 U	560 U	580 U	540 U	590 U
Benzoic Acid		ug/kg	570 U	580 U	570 U	540 U	560 U	530 U	560 U	580 U	540 U	590 U
Hexachloroethane		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
4-Chlorophenyl Phenylether		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Hexachlorocyclopentadiene		ug/kg	570 U	580 U	570 U	540 U	560 U	530 U	560 U	580 U	540 U	590 U
Isophorone		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Acenaphthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)		ug/kg	48 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U	2.0 U
Diethylphthalate (8270C)		ug/kg	190 U	--	--	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)		ug/kg	--	21 U	21 U	20 U	20 U	19 U	20 U	21 U	20 U	21 U
Di-n-Butylphthalate (8270C)		ug/kg	190 U	--	--	--	--	--	--	--	680	--
Di-n-Butylphthalate (8270C SIM)		ug/kg	--	21 U	21 U	20 U	20 U	19 U	20 U	21 U	20 U	12 J Z
Phenanthrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	31 J Z	--
Phenanthrene (8270C SIM)		ug/kg	48 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	--	1.4 J Z
Butylbenzylphthalate (8270C)		ug/kg	190 U	--	--	--	--	--	--	--	110 J Z	--
Butylbenzylphthalate (8270C SIM)		ug/kg	--	21 U	21 U	20 U	20 U	19 U	20 U	21 U	--	21 U
N-Nitrosodiphenylamine		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Fluorene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)		ug/kg	48 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U	2.0 U
Carbazole		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
Pentachlorophenol		ug/kg	570 U	580 U	570 U	540 U	560 U	530 U	560 U	580 U	540 U	590 U
2,4,6-Trichlorophenol		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
2-Nitroaniline		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
2-Nitrophenol		ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	180 U	200 U
1-Methylnaphthalene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)		ug/kg	48 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.8 U	2.0 U
Naphthalene (8270C)		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-046-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-046-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-046-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-047-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-047-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-047-SA5DN-SB-10.0-11.0 06/13/2011 DE179 10 11	SL-048-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-048-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5	SL-048-SA5DN-SB-11.5-12.5 06/10/2011 DE178 11.5 12.5	SL-049-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-049-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5
Naphthalene (8270C SIM)	ug/kg	48 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	0.80 J Z
2-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kg	48 U	1.9 U	1.9 U	1.8 U	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	2.0 U
2-Chloronaphthalene	ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	200 U
3,3'-Dichlorobenzidine	ug/kg	380 U	380 U	380 U	360 U	370 U	350 U	370 U	390 U	370 U	360 U	390 U
Benzidine	ug/kg	3800 U	3800 U	3800 U	3600 U	3700 U	3500 U	3700 U	3900 U	3700 U	3600 U	3900 U
2-Methylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	200 U
2-Chlorophenol	ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	200 U
2,4,5-Trichlorophenol	ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	200 U
3-Nitroaniline	ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	200 U
Benzyl Alcohol	ug/kg	570 U	580 U	570 U	540 U	560 U	530 U	560 U	580 U	560 U	540 U	590 U
2,6-Dinitrotoluene	ug/kg	190 U	190 U	190 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	200 U

Sample Name Sample Date SDG Start Depth End Depth	SL-049-SA5DN-SB-15.5-16.5 06/10/2011 DE178 15.5 16.5	SL-050-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-050-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-050-SA5DN-SB-11.2-12.5 06/09/2011 DE177 11.2 12.5	SL-051-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-051-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-051-SA5DN-SB-14.0-15.0 06/08/2011 DE176 14 15	SL-052-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-052-SA5DN-SB-4.0-5.0 06/03/2011 DE173 4 5	SL-052-SA5DN-SB-9.0-10.0 06/03/2011 DE173 9 10	SL-053-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5
Chemical Name	Unit										
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	36.3 U B	29.0 J Z	30.4 J Z	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	9.1 U	1.9 U	1.8 U	9.1 U	1.9 U	9.6 U	1.8 U	1.9 U	9.2 U
2,4-Dinitrotoluene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Nitrobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Hexachlorobutadiene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 UJ L	180 U	190 U	190 UJ L
1,2-Dichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 UJ L	190 UJ L	180 U	190 U	190 U
4-Nitroaniline	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
4-Nitrophenol	ug/kg	570 U	550 U	570 U	560 U	540 U	560 U	570 U	580 U	550 U	560 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 UJ L	180 U	190 UJ L
2,4-Dimethylphenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 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	190 U	180 U	190 U	190 U
4-Chloroaniline	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Phenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	35 J Z	26 J L, Z	--	370 U B	60 J L, Z	370 U B	--	390 U	--	370 U
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	8.6 J Z	--	20 U	--	--	--	21 U	--	20 U	21 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	180 U	--	--	180 U	--	--	190 U	--	190 U
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	--	20 U	20 U	--	20 U	21 U	--	20 U	21 U
Hexachlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 UJ L	180 U	190 UJ L
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	9.2	1.9 U	1.8 U	4.5 J Z	1.9 U	1.9 U	9.6 U	1.8 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	2.9	66	1.9 U	1.8 U	44	1.9 U	1.9 U	6.1 J Z	1.8 U	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	180 U	--	--	180 U	--	--	190 U	--	190 U
Dimethylphthalate (8270C SIM)	ug/kg	21 U	--	20 U	20 U	--	20 U	21 U	--	20 U	21 U
Dibenzofuran	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	2.5	18	1.9 U	1.8 U	8.2 J Z	1.9 U	1.9 U	9.6 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	1.1 J Z	15	1.9 U	1.8 U	6.3 J Z	1.9 U	1.9 U	9.6 U	1.8 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	3.1	65	1.9 U	1.8 U	57	1.9 U	1.9 U	13	1.8 U	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	3.8	89	1.9 U	1.8 U	82	1.9 U	1.9 U	10	1.8 UJ L	1.9 UJ L
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	2.3	30	1.9 U	1.8 U	18	1.9 U	1.9 U	9.6 U	1.8 U	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	9.1 U	1.9 U	1.8 U	9.1 U	1.9 U	1.9 U	9.6 U	1.8 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	2.9	48	1.9 U	1.8 U	43	1.9 U	1.9 U	6.8 J Z	1.8 U	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	2.2	42	1.9 U	1.8 U	13	1.9 U	1.9 U	9.6 U	1.8 U	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 UJ L	1100 U	1100 U	1100 UJ L	1100 U	1100 U	1200 U	1100 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	570 U	550 U	570 U	560 U	540 U	560 U	570 U	580 U	550 U	560 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	6.7 J Z	1.9 U	1.8 U	4.2 J Z	1.9 U	1.9 U	9.6 U	1.8 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.7 J Z	36	1.9 U	1.8 U	7.9 J Z	1.9 U	1.9 U	9.6 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	190 U	180 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Aniline	ug/kg	570 U	550 U	570 U	560 U	540 U	560 U	570 U	580 U	550 U	560 U
Benzoic Acid	ug/kg	570 U	550 U	570 U	560 U	540 U	560 U	570 U	580 U	550 U	560 U
Hexachloroethane	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	570 U	550 U	570 U	560 U	540 U	560 U	570 U	580 U	550 U	560 U
Isophorone	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	9.1 U	1.9 U	1.8 U	9.1 U	1.9 U	1.9 U	9.6 U	1.8 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	180 U	--	--	180 U	--	--	190 U	--	190 U
Diethylphthalate (8270C SIM)	ug/kg	21 U	--	20 U	20 U	--	20 U	21 U	--	20 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	180 U	--	--	180 U	--	--	190 U	--	190 U
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	--	20 U	20 U	--	20 U	21 U	--	20 UJ L	21 UJ L
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	2	48	1.9 U	1.8 U	45	1.9 U	1.9 U	4.8 J Z	1.8 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	180 U	--	--	180 U	--	--	190 U	--	190 U
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	--	20 U	20 U	--	20 U	21 U	--	20 U	21 U
N-Nitrosodiphenylamine	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	9.1 U	1.9 U	1.8 U	9.1 U	1.9 U	1.9 U	9.6 U	1.8 U	1.9 U
Carbazole	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
Pentachlorophenol	ug/kg	570 U	550 U	570 U	560 U	540 U	560 U	570 U	580 U	550 U	560 U
2,4,6-Trichlorophenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
2-Nitroaniline	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U
2-Nitrophenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 UJ L	190 UJ L	180 U	190 U	190 UJ L
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	9.1 U	1.9 U	1.8 U	9.1 U	1.9 U	1.9 U	9.6 U	1.8 U	1.9 U
Naphthalene (8270C)	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-049-SA5DN-SB-15.5-16.5	SL-050-SA5DN-SS-0.0-0.5	SL-050-SA5DN-SB-4.0-5.0	SL-050-SA5DN-SB-11.2-12.5	SL-051-SA5DN-SS-0.0-0.5	SL-051-SA5DN-SB-4.0-5.0	SL-051-SA5DN-SB-14.0-15.0	SL-052-SA5DN-SS-0.0-0.5	SL-052-SA5DN-SB-4.0-5.0	SL-052-SA5DN-SB-9.0-10.0	SL-053-SA5DN-SS-0.0-0.5
		06/10/2011	05/20/2011	06/09/2011	06/09/2011	05/20/2011	06/08/2011	06/08/2011	05/23/2011	06/03/2011	06/03/2011	05/23/2011
		DE178	DE158	DE177	DE177	DE158	DE176	DE176	DE159	DE173	DE173	DE159
		15.5	0	4	11.2	0	4	14	0	4	9	0
		16.5	0.5	5	12.5	0.5	5	15	0.5	5	10	0.5
Naphthalene (8270C SIM)	ug/kq	1.9 U	9.1 U	1.9 U	1.8 U	4.6 J Z	1.9 U	1.9 U	9.6 U	1.8 U	1.9 U	9.2 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	9.1 U	1.9 U	1.8 U	9.1 U	1.9 U	1.9 U	9.6 U	1.8 U	1.9 U	9.2 U
2-Chloronaphthalene	ug/kq	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U
3,3'-Dichlorobenzidine	ug/kq	380 U	370 U	380 U	370 U	360 U	370 U	380 U	390 U	370 U	380 U	370 U
Benzidine	ug/kq	3800 U	3700 U	3800 U	3700 U	3600 U	3700 U	3800 U	3900 U	3700 U	3800 U	3700 U
2-Methylphenol	ug/kq	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U
2-Chlorophenol	ug/kq	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kq	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U
3-Nitroaniline	ug/kq	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U
Benzyl Alcohol	ug/kq	570 U	550 U	570 U	560 U	540 U	560 U	570 U	580 U	550 U	570 U	560 U
2,6-Dinitrotoluene	ug/kq	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-053-SA5DN-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-053-SA5DN-SB-11.5-12.5 06/06/2011 DE179 11.5 12.5	SL-054-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-054-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-054-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-055-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-055-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-055-SA5DN-SB-9.0-10.0 06/15/2011 DE181 9 10	SL-056-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-056-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-056-SA5DN-SB-9.0-10.0 06/15/2011 DE181 9 10
Chemical Name	Unit											
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.8 U	9.3 U	2.0 U	2.0 U	9.4 U	1.9 U	1.8 U	9.4 U	2.0 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
Nitrobenzene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
Hexachlorobutadiene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
1,2-Dichlorobenzene	ug/kg	190 UJ L	180 UJ L	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
4-Nitroaniline	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
4-Nitrophenol	ug/kg	580 U	550 U	560 U	600 U	590 U	570 U	590 U	560 U	560 U	590 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
4-Methylphenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
4-Chloroaniline	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
Phenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	22 J Z	19 J Z	38 J Z	--	--	31 J Z	--	--	37 J Z	24 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	--	--	22 U	21 U	--	21 U	7.5 J Z	--	21 U	20 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	190 U	--	--	190 U	--	--	190 U	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	20 U	--	22 U	21 U	--	21 U	20 U	--	21 U	20 U
Hexachlorobenzene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	1.8 U	9.3 U	2.0 U	2.0 U	9.4 U	1.9 U	1.8 U	9.4 U	2.0 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
Pyrene (8270C)	ug/kg	--	--	25 J Z	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	1.8 U	--	2.0 U	2.0 U	23	1.9 U	1.8 U	4.4 J Z	2.0 U	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	190 U	--	--	190 U	--	--	190 U	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	20 U	--	22 U	21 U	--	21 U	20 U	--	21 U	20 U
Dibenzofuran	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 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	1.8 U	7.1 J Z	2.0 U	2.0 U	19	3.8	1.8 U	5.4 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	1.9 U	1.8 U	3.9 J Z	2.0 U	2.0 U	15	3.6	1.8 U	9.4 U	2.0 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	23 J Z	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.8 U	--	2.0 U	2.0 U	42	1.9 U	1.8 U	7.0 J Z	2.0 U	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	22 J Z	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	1.8 U	--	2.0 U	2.0 U	32	1.9 U	1.8 U	5.2 J Z	2.0 U	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.8 U	9.3 U	2.0 U	2.0 U	20	1.9 U	1.8 U	9.4 U	2.0 U	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	1.8 U	9.3 U	2.0 U	2.0 U	9.4 U	1.9 U	1.8 U	9.4 U	2.0 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	23 J Z	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	1.8 U	--	2.0 U	2.0 U	38	1.9 U	1.8 U	5.9 J Z	2.0 U	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 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	1.8 U	4.6 J Z	2.0 U	2.0 U	29	1.9 U	1.8 U	4.6 J Z	2.0 U	1.9 U
2,4-Dinitrophenol	ug/kg	1200 U	1100 U	1100 UJ L	1200 UJ L	1200 UJ L	1100 UJ L	1200 U	1100 U	1100 UJ L	1200 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	550 U	560 U	600 U	590 U	570 U	590 U	560 U	560 U	590 U	570 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	1.8 U	9.3 U	2.0 U	2.0 U	6.0 J Z	5.4	1.8 U	9.4 U	2.0 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	27 J Z	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	1.8 U	--	2.0 U	2.0 U	32	1.9 U	1.8 U	9.4 U	2.0 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
Aniline	ug/kg	580 U	550 U	560 U	600 U	590 U	570 U	590 U	560 U	560 U	590 U	570 U
Benzoic Acid	ug/kg	580 U	550 U	560 U	600 U	590 U	570 U	590 U	560 U	560 U	590 U	570 U
Hexachloroethane	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
Hexachlorocyclopentadiene	ug/kg	580 U	550 U	560 U	600 U	590 U	570 U	590 U	560 U	560 U	590 U	570 U
Isophorone	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.8 U	9.3 U	2.0 U	2.0 U	9.4 U	1.9 U	1.8 U	9.4 U	2.0 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	190 U	--	--	190 U	--	--	190 U	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	20 U	--	22 U	21 U	--	21 U	20 U	--	21 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	54 J Z	--	--	19 J Z	--	--	190 U	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	20 U	--	22 U	21 U	--	21 U	20 U	--	21 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	1.8 U	9.3 U	2.0 U	2.0 U	9.4 U	1.9 U	1.8 U	9.4 U	2.0 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	190 U	--	--	190 U	--	--	740	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	20 U	--	22 U	21 U	--	21 U	20 U	--	21 U	20 U
N-Nitrosodiphenylamine	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	1.8 U	9.3 U	2.0 U	2.0 U	9.4 U	1.9 U	1.8 U	9.4 U	2.0 U	1.9 U
Carbazole	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
Pentachlorophenol	ug/kg	580 U	550 U	560 U	600 U	590 U	570 U	590 U	560 U	560 U	590 U	570 U
2,4,6-Trichlorophenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
2-Nitroaniline	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
2-Nitrophenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	1.8 U	9.3 U	2.0 U	2.0 U	9.4 U	1.9 U	1.8 U	9.4 U	2.0 U	1.9 U
Naphthalene (8270C)	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-053-SA5DN-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-053-SA5DN-SB-11.5-12.5 06/06/2011 DE174 11.5 12.5	SL-054-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-054-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-054-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-055-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-055-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-055-SA5DN-SB-9.0-10.0 06/15/2011 DE181 9 10	SL-056-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-056-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-056-SA5DN-SB-9.0-10.0 06/15/2011 DE181 9 10
Naphthalene (8270C SIM)	ug/kq	1.9 U	1.8 U	9.3 U	2.0 U	2.0 U	9.4 U	1.9 U	1.8 U	9.4 U	2.0 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	1.8 U	9.3 U	2.0 U	2.0 U	9.4 U	1.9 U	1.8 U	9.4 U	2.0 U	1.9 U
2-Chloronaphthalene	ug/kq	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
3,3'-Dichlorobenzidine	ug/kq	390 U	370 U	370 U	400 U	400 U	380 U	390 U	370 U	370 U	400 U	380 U
Benzidine	ug/kq	3900 U	3700 U	3700 U	4000 U	4000 U	3800 U	3900 U	3700 U	3700 U	4000 U	3800 U
2-Methylphenol	ug/kq	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
2-Chlorophenol	ug/kq	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
2,4,5-Trichlorophenol	ug/kq	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
3-Nitroaniline	ug/kq	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U
Benzyl Alcohol	ug/kq	580 U	550 U	560 U	600 U	590 U	570 U	590 U	560 U	560 U	590 U	570 U
2,6-Dinitrotoluene	ug/kq	190 U	180 U	190 U	200 U	200 U	190 U	200 U	190 U	190 U	200 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-057-SA5DN-SS-0.0-0.5 05/24/2011 DE163 0 0.5	SL-057-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-057-SA5DN-SB-9.0-10.0 06/16/2011 DE182 9 10	SL-058-SA5DN-SS-0.0-0.5 05/18/2011 DE182 0 0.5	SL-058-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-058-SA5DN-SB-9.0-10.0 06/16/2011 DE182 9 10	SL-059-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-059-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-059-SA5DN-SB-9.0-10.0 06/16/2011 DE182 9 10	SL-060-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-060-SA5DN-SB-4.0-5.0 08/05/2011 DE218 4 5	SL-060-SA5DN-SB-7.0-8.0 08/05/2011 DE218 7 8
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	9.6 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	9.0 U	1.7 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Nitrobenzene	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Hexachlorobutadiene	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
4-Nitroaniline	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
4-Nitrophenol	ug/kg	580 U	580 U	570 U	580 U	590 U	580 U	560 U	580 U	590 U	540 U	520 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
4-Methylphenol	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
4-Chloroaniline	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Phenol	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	380 U	--	--	--	--	--	28 J Z	--	--	360 U	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	21 U	20 U	95	21 U	21 U	--	21 U	21 U	57 J Z	19 U	10 J Z
Di-N-Octyl Phthalate (8270C)	ug/kg	190 U	--	--	--	--	--	--	--	--	180 U	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	--	21 U	20 U	21 U	21 U	21 U	20 U	21 U	21 U	--	19 U	21 U
Hexachlorobenzene	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	9.6 U	1.9 U	1.9 U	2	2.0 U	1.9 U	0.48 J Z	1.9 U	2.0 U	2.0 J Z	1.7 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	11	1.9 U	1.9 U	21	2.0 U	1.9 U	1.8 J Z	1.9 U	2.0 U	20	1.7 U	2.8
Dimethylphthalate (8270C)	ug/kg	190 U	--	--	--	--	--	--	--	--	180 U	--	--
Dimethylphthalate (8270C SIM)	ug/kg	--	21 U	20 U	21 U	21 U	21 U	20 U	21 U	21 U	--	19 U	21 U
Dibenzofuran	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	4.7 J Z	1.9 U	1.9 U	7	2.0 U	1.9 U	1.8 J Z	1.9 U	2.0 U	13	1.7 U	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	9.6 U	1.9 U	1.9 U	6.4	2.0 U	1.9 U	1.1 J Z	1.9 U	2.0 U	8.1 J Z	1.7 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	14 J FD, L	1.9 U	1.9 U	16	2.0 U	1.9 U	3.2	1.9 U	2.0 U	45 J L	1.7 U	2.5
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	12 J FD	1.9 U	1.9 U	30	2.0 U	1.9 U	2.6	1.9 U	2.0 U	21	1.7 U	3.3
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	9.2 J FD, L, Z	1.9 U	1.9 U	9	2.0 U	1.9 U	2.3	1.9 U	2.0 U	27 J L	1.7 U	0.94 J Z
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	9.6 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	9.0 U	1.7 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	22 J Z	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	8.9 J FD, Z	1.9 U	1.9 U	--	2.0 U	1.9 U	3.4	1.9 U	2.0 U	21	1.7 U	2
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	9.2 J FD, L, Z	1.9 U	1.9 U	11	2.0 U	1.9 U	2	1.9 U	2.0 U	31 J L	1.7 U	1.4 J Z
2,4-Dinitrophenol	ug/kg	1200 U	1200 U	1100 U	1200 UJ L	1200 U	1200 U	1100 UJ L	1200 U	1200 U	1100 U	1000 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	580 U	570 U	580 U	590 U	580 U	560 U	580 U	590 U	540 U	520 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	9.6 U	1.9 U	1.9 U	1.9	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	3.7 J Z	1.7 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	8.2 J FD, Z	1.9 U	1.9 U	10	2.0 U	1.9 U	1.9	1.9 U	2.0 U	14	1.7 U	1.1 J Z
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Aniline	ug/kg	580 U	580 U	570 U	580 U	590 U	580 U	560 U	580 U	590 U	540 U	520 U	580 U
Benzoic Acid	ug/kg	580 U	580 U	570 U	580 U	590 U	580 U	560 U	580 U	590 U	540 U	520 U	580 U
Hexachloroethane	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Hexachlorocyclopentadiene	ug/kg	580 U	580 U	570 U	580 U	590 U	580 U	560 U	580 U	590 U	540 U	520 U	580 U
Isophorone	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	9.6 U	1.9 U	1.9 U	0.98 J Z	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	9.0 U	1.7 U	1.9 U
Diethylphthalate (8270C)	ug/kg	190 U	--	--	--	--	--	--	--	--	180 U	--	--
Diethylphthalate (8270C SIM)	ug/kg	--	21 U	20 U	21 U	21 U	21 U	20 U	21 U	21 U	--	19 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	190 U	--	--	--	--	--	--	--	--	180 U	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	--	21 U	20 U	8.8 J Z	21 U	21 U	20 U	21 U	21 U	--	19 U	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	4.4 J FD, Z	1.9 U	1.9 U	14	2.0 U	1.9 U	1.0 J Z	1.9 U	2.0 U	9.3	1.7 U	1.8 J Z
Butylbenzylphthalate (8270C)	ug/kg	190 U	--	--	--	--	--	--	--	--	180 U	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	--	21 U	20 U	16 J Z	21 U	21 U	20 U	21 U	21 U	--	19 U	21 U
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	9.6 U	1.9 U	1.9 U	1.0 J Z	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	9.0 U	1.7 U	1.9 U
Carbazole	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Pentachlorophenol	ug/kg	580 U	580 U	570 U	580 U	590 U	580 U	560 U	580 U	590 U	540 U	520 U	580 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
2-Nitroaniline	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
2-Nitrophenol	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	9.6 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	9.0 U	1.7 U	1.9 U
Naphthalene (8270C)	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-057-SA5DN-SS-0.0-0.5 05/24/2011 DE163 0 0.5	SL-057-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-057-SA5DN-SB-9.0-10.0 06/16/2011 DE182 9 10	SL-058-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-058-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-058-SA5DN-SB-9.0-10.0 06/16/2011 DE182 9 10	SL-059-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-059-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-059-SA5DN-SB-9.0-10.0 06/16/2011 DE182 9 10	SL-060-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-060-SA5DN-SB-4.0-5.0 08/05/2011 DE218 4 5	SL-060-SA5DN-SB-7.0-8.0 08/05/2011 DE218 7 8
Naphthalene (8270C SIM)	ug/kg	9.6 U	1.9 U	1.9 U	1.3 J Z	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	9.0 U	1.7 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kg	9.6 U	1.9 U	1.9 U	0.87 J Z	2.0 U	1.9 U	1.9 U	1.9 U	2.0 U	9.0 U	1.7 U	1.9 U
2-Chloronaphthalene	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
3,3'-Dichlorobenzidine	ug/kg	380 U	380 U	380 U	380 U	390 U	390 U	370 U	380 U	390 U	360 U	350 U	390 U
Benzidine	ug/kg	3800 R Q	3800 U	3800 U	3800 U	3900 U	3900 U	3700 U	3800 U	3900 U	3600 U	3500 U	3900 U
2-Methylphenol	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
2-Chlorophenol	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
2,4,5-Trichlorophenol	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
3-Nitroaniline	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U
Benzyl Alcohol	ug/kg	580 U	580 U	570 U	580 U	590 U	580 U	560 U	580 U	590 U	540 U	520 U	580 U
2,6-Dinitrotoluene	ug/kg	190 U	190 U	190 U	190 U	200 U	190 U	190 U	190 U	200 U	180 U	170 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-061-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-061-SA5DN-SB-9.0-10.0 06/16/2011 DE182 9 10	SL-062-SA5DN-SB-4.0-5.0 06/16/2011 DE158 4 5	SL-064-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-064-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-065-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-065-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-065-SA5DN-SB-7.0-8.0 05/20/2011 DE158 7 8	SL-066-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-066-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-066-SA5DN-SB-9.0-10.0 05/19/2011 DE156 9 10	SL-067-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	119	38.3 U B	102	37.8 U B	503	36.7 U	26.4 J Z	211 J Z	36.7 U
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	9.5 U	1.9 U	9.3 U	1.9 U	1.8 U	9.1 U	2.0 U	2.0 U	1.8 U
2,4-Dinitrotoluene	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Nitrobenzene	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Hexachlorobutadiene	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
1,2-Dichlorobenzene	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
4-Nitroaniline	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
4-Nitrophenol	ug/kg	580 U	580 U	590 U	570 U	570 U	560 U	570 U	550 U	540 U	570 U	590 U	550 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
4-Methylphenol	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
4-Chloroaniline	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Phenol	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	23 J Z	53 J Z	27 J L, Z	45 J Z	30 J L, Z	20 J L, Z	22 J Z	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	21 U	21 U	--	--	--	--	--	--	--	20 U	21 U	20
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	190 U	--	190 U	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	--	21 U	--	21 U	20 U	42 J Z	20 U	21 U	9.4 J Z
Hexachlorobenzene	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	36 J Z	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	3.8 J Z	1.9 U	--	1.9 U	1.8 U	1.9 J Z	1.9 U	2.0 U	17
2,4-Dichlorophenol	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Pyrene (8270C)	ug/kg	--	--	--	79 J Z	--	280	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	--	1.9 U	--	1.9 U	1.8 U	16	1.9 U	2.0 U	260
Dimethylphthalate (8270C)	ug/kg	--	--	--	190 U	--	190 U	--	--	180 U	--	--	42 J Z
Dimethylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	--	21 U	--	21 U	20 U	--	20 U	21 U	--
Dibenzofuran	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	37 J Z	--	92 J Z	--	--	--	--	--	57 J Z
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	1.2 J Z	1.8 J Z	--	1.9 U	--	1.9 U	1.8 U	7.7 J Z	1.9 U	2.0 U	--
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	22 J Z	--	71 J Z	--	--	--	--	--	55 J Z
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	--	1.9 U	--	1.9 U	1.8 U	6.9 J Z	1.9 U	2.0 U	--
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	44 J Z	--	140 J Z	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.1 J Z	1.3 J Z	--	1.9 U	--	1.9 U	1.8 U	13	1.9 U	2.0 U	160
Fluoranthene (8270C)	ug/kg	--	--	--	79 J Z	--	300	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	--	1.9 U	--	1.9 U	1.8 U	20	1.9 U	2.0 U	260
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	25 J Z	--	67 J Z	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9	2.3	--	1.9 U	--	1.9 U	1.8 U	12	1.9 U	2.0 U	62
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	9.5 U	1.9 U	9.3 U	1.9 U	1.8 U	9.1 U	1.9 U	2.0 U	0.81 J Z
Chrysene (8270C)	ug/kg	--	--	--	43 J Z	--	160 J Z	--	--	--	--	--	120 J Z
Chrysene (8270C SIM)	ug/kg	0.65 J Z	2	1.8 J Z	--	1.9 U	--	1.9 U	1.8 U	15	1.9 U	2.0 U	--
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	34 J Z	--	120 J Z	--	--	--	--	--	110 J Z
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	1.3 J Z	1.9 J Z	--	1.9 U	--	1.9 U	1.8 U	12	1.9 U	2.0 U	--
2,4-Dinitrophenol	ug/kg	1200 U	1200 U	1200 U	1100 UJ L	1100 UJ L	1100 UJ L	1100 UJ L	1100 UJ L	1100 U	1100 UJ L	1200 UJ L	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	580 U	590 U	570 U	570 U	560 U	570 U	550 U	540 U	570 UJ L	590 UJ L	550 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	3.9 J Z	1.9 U	12	1.9 U	1.8 U	9.0 J Z	1.9 U	2.0 U	10
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	37 J Z	--	130 J Z	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	--	1.9 U	--	1.9 U	1.8 U	11	1.9 U	2.0 U	99
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Aniline	ug/kg	580 U	580 U	590 U	570 U	570 U	560 U	570 U	550 U	540 U	570 U	590 U	550 U
Benzoic Acid	ug/kg	580 U	580 U	590 U	570 U	570 U	560 U	570 U	550 U	540 U	570 U	590 U	550 U
Hexachloroethane	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Hexachlorocyclopentadiene	ug/kg	580 U	580 U	590 U	570 U	570 U	560 U	570 U	550 U	540 U	570 U	590 U	550 U
Isophorone	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	21 J Z	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	9.5 U	1.9 U	--	1.9 U	1.8 U	9.1 U	1.9 U	2.0 U	12
Diethylphthalate (8270C)	ug/kg	--	--	--	190 U	--	190 U	--	--	180 U	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	--	21 U	--	21 U	20 U	--	20 U	21 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	190 U	--	190 U	--	--	180 U	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	--	21 U	--	21 U	20 U	--	20 U	21 U	6.7 J Z
Phenanthrene (8270C)	ug/kg	--	--	--	47 J Z	--	180 J Z	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	1.1 J Z	2.0 U	--	1.9 U	--	1.9 U	1.8 U	9.4	1.9 U	2.0 U	110
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	19 J Z	--	190 U	--	--	180 U	--	--	19 J Z
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	--	21 U	--	21 U	20 U	--	20 U	21 U	--
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	9.5 U	1.9 U	5.6 J Z	1.9 U	1.8 U	9.1 U	1.9 U	2.0 U	5.7
Carbazole	ug/kg	190 U	190 U	200 U	190 U	190 U	29 J Z	190 U	180 U	180 U	190 U	200 U	180 U
Pentachlorophenol	ug/kg	580 U	580 U	590 U	570 U	570 U	560 U	570 U	550 U	540 U	570 U	590 U	550 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
2-Nitroaniline	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
2-Nitrophenol	ug/kg	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	9.5 U	1.9 U	9.3 U	1.9 U	1.8 U	9.1 U	1.9 U	2.0 U	1.3 J Z
Naphthalene (8270C)	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-061-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-061-SA5DN-SB-9.0-10.0 06/16/2011 DE182 9 10	SL-062-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-064-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-064-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-065-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-065-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-065-SA5DN-SB-7.0-8.0 05/20/2011 DE158 7 8	SL-066-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-066-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-066-SA5DN-SB-9.0-10.0 05/19/2011 DE156 9 10	SL-067-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5
Naphthalene (8270C SIM)	ug/kq	1.9 U	1.9 U	2.0 U	9.5 U	1.9 U	9.3 U	1.9 U	1.8 U	9.1 U	1.9 U	2.0 U	1.7 J Z
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	1.9 U	2.0 U	9.5 U	1.9 U	9.3 U	1.9 U	1.8 U	9.1 U	1.9 U	2.0 U	1.3 J Z
2-Chloronaphthalene	ug/kq	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
3,3'-Dichlorobenzidine	ug/kq	390 U	390 U	400 U	380 U	380 U	370 U	380 U	360 U	360 U	380 U	390 U	370 U
Benzidine	ug/kq	3900 U	3900 U	4000 U	3800 U	3800 U	3700 U	3800 U	3600 U	3600 U	3800 U	3900 U	3700 U
2-Methylphenol	ug/kq	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
2-Chlorophenol	ug/kq	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
2,4,5-Trichlorophenol	ug/kq	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
3-Nitroaniline	ug/kq	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U
Benzyl Alcohol	ug/kq	580 U	580 U	590 U	570 U	570 U	560 U	570 U	550 U	540 U	570 U	590 U	550 U
2,6-Dinitrotoluene	ug/kq	190 U	190 U	200 U	190 U	190 U	190 U	190 U	180 U	180 U	190 U	200 U	180 U

Sample Name Sample Date SDG Start Depth End Depth		SL-067-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-067-SA5DN-SB-9.0-10.0 05/19/2011 DE156 9 10	SL-068-SA5DN-SB-4.0-5.0 05/17/2011 DE153 4 5	SL-068-SA5DN-SB-9.0-10.0 05/17/2011 DE153 9 10	SL-069-SA5DN-SB-4.0-5.0 05/18/2011 DE155 4 5	SL-069-SA5DN-SB-9.0-10.0 05/18/2011 DE155 9 10	SL-070-SA5DN-SB-4.0-5.0 05/18/2011 DE155 4 5	SL-070-SA5DN-SB-9.0-10.0 05/18/2011 DE155 9 10	SL-071-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-071-SA5DN-SB-4.0-5.0 08/10/2011 DE221 4 5	SL-071-SA5DN-SB-9.0-10.0 08/10/2011 DE221 9 10
Chemical Name		Unit										
N-Nitrosodimethylamine (1625C)		ug/kg	37.9 U	38.9 U	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)		ug/kg	1.9 U	1.9 U	9.3 U	1.9 U	1.9 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U
2,4-Dinitrotoluene		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Nitrobenzene		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
1,4-Dichlorobenzene		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
1,2,4-Trichlorobenzene		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
1,3-Dichlorobenzene		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Hexachlorobutadiene		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
1,2-Dichlorobenzene		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
4-Nitroaniline		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
4-Nitrophenol		ug/kg	560 U	580 U	560 U	570 U	570 U	570 U	570 U	550 U	580 U	570 U
4-Bromophenyl Phenyl Ether		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
2,4-Dimethylphenol		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
4-Methylphenol		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
4-Chloroaniline		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
3,5-Dimethylphenol		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Phenol		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Bis(2-Chloroethyl) ether		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Bis(2-Chloroethoxy) methane		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)		ug/kg	--	--	19 J Z	20 J Z	84 J Z	44 J Z	81 J Z	120 J Z	43 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)		ug/kg	20 U	21 U	--	--	--	--	--	--	21 U	21 U
Di-N-Octyl Phthalate (8270C)		ug/kg	--	--	190 U	--	--	--	--	180 U	--	--
Di-N-Octyl Phthalate (8270C SIM)		ug/kg	20 U	21 U	--	20 U	21 U	21 U	21 U	--	21 U	21 U
Hexachlorobenzene		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Anthracene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)		ug/kg	1.9 U	1.9 U	9.3 U	1.9 U	1.9 U	1.9 U	1.9 U	9.2 U	1.6 J Z	1.9 U
2,4-Dichlorophenol		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
1,2-Diphenylhydrazine		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Pyrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)		ug/kg	1.9 U	1.9 U	9.3 U	1.9 U	4.2	1.9	1.9	1.2 J Z	9.2 U	1.2 J Z
Dimethylphthalate (8270C)		ug/kg	--	--	190 U	--	--	--	--	180 U	--	--
Dimethylphthalate (8270C SIM)		ug/kg	20 U	21 U	--	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	190 U	190 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	1.9 U	9.3 U	1.9 U	1.3 J Z	0.99 J Z	0.86 J Z	1.9 U	8.7 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	1.9 U	9.3 U	1.9 U	1.9 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U
Benzo(b)fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)		ug/kg	1.9 U	1.9 U	4.2 J Z	1.9 U	8.5	1.9	2.1	1.2 J Z	5.1 J Z	1.9 U
Fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)		ug/kg	1.9 U	1.9 U	9.3 U	1.9 U	1.7 J Z	0.77 J Z	0.80 J Z	1.9 U	9.2 U	1.6 J Z
Benzo(k)fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)		ug/kg	1.9 U	1.9 U	9.3 U	1.9 U	0.96 J L, Z	2.4 J L	2.2 J L	1.2 J L, Z	9.2 U	1.9 U
Acenaphthylene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)		ug/kg	1.9 U	1.9 U	9.3 U	1.9 U	1.9 U	1.9 U	1.9 U	9.2 U	0.55 J Z	1.9 U
Chrysene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)		ug/kg	1.9 U	1.9 U	4.7 J Z	1.9 U	6.6	3	2.9	1.9	2.7 J Z	1.3 J Z
bis(2-Chloroisopropyl) ether		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Benzo(a)pyrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)		ug/kg	1.9 U	1.9 U	9.3 U	1.9 U	5.2 J L	2.2 J L	2.2 J L	1.2 J L, Z	9.2 U	1.9 U
2,4-Dinitrophenol		ug/kg	1100 UJ L	1200 UJ L	1100 UJ L	1100 UJ L	1100 UJ L	1100 UJ L	1100 UJ L	1100 UJ L	1200 U	1100 U
4,6-Dinitro-2-Methylphenol		ug/kg	560 UJ L	580 UJ L	560 UJ L	570 UJ L	570 UJ L	560 UJ L	570 UJ L	550 U	580 U	570 U
Dibenzo(a,h)anthracene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)		ug/kg	1.9 U	1.9 U	9.3 U	1.9 U	1.9 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U
Benzo(a)anthracene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)		ug/kg	1.9 U	1.9 U	9.3 U	1.9 U	1.4 J Z	1.9 U	1.9 U	9.2 U	0.90 J Z	1.9 U
4-Chloro-3-Methylphenol		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
N-Nitroso-Di-N-Propylamine		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Aniline		ug/kg	560 U	580 U	560 U	570 U	570 U	560 U	570 U	550 U	580 U	570 U
Benzoic Acid		ug/kg	560 U	580 U	560 U	570 U	570 U	560 U	570 U	550 U	580 U	570 U
Hexachloroethane		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
4-Chlorophenyl Phenylether		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Hexachlorocyclopentadiene		ug/kg	560 U	580 U	560 U	570 U	570 U	560 U	570 U	550 U	580 U	570 U
Isophorone		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Acenaphthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)		ug/kg	1.9 U	1.9 U	9.3 U	1.9 U	1.9 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U
Diethylphthalate (8270C)		ug/kg	--	--	190 U	--	--	--	--	180 U	--	--
Diethylphthalate (8270C SIM)		ug/kg	20 U	21 U	--	20 U	21 U	21 U	21 U	--	21 U	21 U
Di-n-Butylphthalate (8270C)		ug/kg	--	--	190 U	--	--	--	--	180 U	--	--
Di-n-Butylphthalate (8270C SIM)		ug/kg	20 U	21 U	--	20 U	21 U	21 U	21 U	--	21 U	21 U
Phenanthrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)		ug/kg	1.9 U	1.9 U	9.3 U	1.9 U	7.6	3.6	2.5	1.4 J Z	9.2 U	1.5 J Z
Butylbenzylphthalate (8270C)		ug/kg	--	--	190 U	--	--	--	--	180 U	--	--
Butylbenzylphthalate (8270C SIM)		ug/kg	20 U	21 U	--	20 U	21 U	21 U	21 U	--	21 U	21 U
N-Nitrosodiphenylamine		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Fluorene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)		ug/kg	1.9 U	1.9 U	9.3 U	1.9 U	1.9 U	1.9 U	1.9 U	9.2 U	1.1 J Z	1.9 U
Carbazole		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Pentachlorophenol		ug/kg	560 U	580 U	560 U	570 U	570 U	560 U	570 U	550 U	580 U	570 U
2,4,6-Trichlorophenol		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
2-Nitroaniline		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
2-Nitrophenol		ug/kg	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
1-Methylnaphthalene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)		ug/kg	1.9 U	1.9 U	9.3 U	1.9 U	1.9 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U
Naphthalene (8270C)		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-067-SA5DN-SB-4.0-5.0	SL-067-SA5DN-SB-9.0-10.0	SL-068-SA5DN-SB-4.0-5.0	SL-068-SA5DN-SB-9.0-10.0	SL-069-SA5DN-SB-4.0-5.0	SL-069-SA5DN-SB-9.0-10.0	SL-070-SA5DN-SB-4.0-5.0	SL-070-SA5DN-SB-9.0-10.0	SL-071-SA5DN-SS-0.0-0.5	SL-071-SA5DN-SB-4.0-5.0	SL-071-SA5DN-SB-9.0-10.0
		05/19/2011	05/19/2011	05/17/2011	05/17/2011	05/18/2011	05/18/2011	05/18/2011	05/18/2011	05/27/2011	08/10/2011	08/10/2011
		DE156	DE156	DE153	DE153	DE155	DE155	DE155	DE155	DE167	DE221	DE221
		4	9	4	9	4	9	4	9	0	4	9
		5	10	5	10	5	10	5	10	0.5	5	10
Naphthalene (8270C SIM)	ug/kq	1.9 U	1.9 U	9.3 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	1.9 U	9.3 U	1.9 U	0.80 J Z	1.9 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U
2-Chloronaphthalene	ug/kq	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
3,3'-Dichlorobenzidine	ug/kq	370 U	390 U	370 U	380 U	380 U	370 U	380 U	380 U	360 U	390 U	380 U
Benzidine	ug/kq	3700 U	3900 U	3700 U	3800 U	3800 U	3700 U	3800 U	3800 U	3600 U	3900 U	3800 U
2-Methylphenol	ug/kq	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
2-Chlorophenol	ug/kq	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kq	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
3-Nitroaniline	ug/kq	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U
Benzyl Alcohol	ug/kq	560 U	580 U	560 U	570 U	570 U	560 U	570 U	570 U	550 U	580 U	570 U
2,6-Dinitrotoluene	ug/kq	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-072-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-072-SA5DN-SB-4.0-5.0 08/10/2011 DE221 4 5	SL-073-SA5DN-SB-4.0-5.0 05/17/2011 DE153 4 5	SL-073-SA5DN-SB-9.0-10.0 05/17/2011 DE153 9 10	SL-074-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-074-SA5DN-SB-4.0-5.0 05/18/2011 DE155 4 5	SL-074-SA5DN-SB-9.0-10.0 05/18/2011 DE155 9 10	SL-075-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-075-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5	SL-075-SA5DN-SB-9.0-10.0 05/23/2011 DE159 9 10	SL-076-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-076-SA5DN-SB-4.0-5.0 05/18/2011 DE155 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.8 U	2.0 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U	10 U	1.9 U	9.4 U	9.0 U	1.8 U Q
2,4-Dinitrotoluene	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Nitrobenzene	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
1,4-Dichlorobenzene	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
1,2,4-Trichlorobenzene	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
1,3-Dichlorobenzene	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Hexachlorobutadiene	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U L	190 U L	180 U	180 U
1,2-Dichlorobenzene	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
4-Nitroaniline	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
4-Nitrophenol	ug/kg	560 U	590 U	560 U	560 U	550 U	560 U	580 U	610 U	570 U	570 U	550 U	550 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U L	190 U L	180 U	180 U
2,4-Dimethylphenol	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
4-Methylphenol	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
4-Chloroaniline	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
3,5-Dimethylphenol	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Phenol	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	29 J Z	--	26 J Z	27 J Z	360 U	--	36 J Z	410 U	--	24 J Z	360 U	21 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	21 U	--	--	99 U	7.3 J Z	--	110 U	21 U	--	98 U	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	180 U	--	--	200 U	--	190 U	180 U	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	9.3 J FD, E, Z	21 U	8.8 J Z	8.8 J Z	99 U	20 U	21 U	110 U	21 U	--	98 U	20 U
Hexachlorobenzene	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U L	190 U L	180 U	180 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	4.5 J E	2.0 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U	10 U	1.9 U	9.4 U	9.0 U	1.8 U Q
2,4-Dichlorophenol	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
1,2-Diphenylhydrazine	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	20 J Z	--
Pyrene (8270C SIM)	ug/kg	54 J E	2.0 U	1.9	2.5	41	1.9 U	1.9 U	10 U	1.9 U	9.4 U	--	1.8 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	180 U	--	--	200 U	--	190 U	180 U	--
Dimethylphthalate (8270C SIM)	ug/kg	14 J Q, E, Z	21 U	20 U	20 U	99 U	20 U	21 U	110 U	21 U	--	98 U	20 U Q
Dibenzofuran	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	8.2 J FD, Q	2.0 U	0.99 J Z	1.1 J Z	8.9 J Z	1.9 U	1.9 U	10 U	1.9 U	9.4 U	9.0 U	1.8 U Q
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	7.5	2.0 U	1.9 U	1.9 U	9.1 J Z	1.9 U	1.9 U	10 U	1.9 U	9.4 U	9.0 U	1.8 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	38	2.0 U	3.6	4.5	74	1.9 U	1.9 U	10 U	1.9 U	4.2 J Z	13	1.8 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	66 J Q, E	2.0 U	0.81 J Z	1.9 U	39	1.9 U	1.9 U	10 U	1.9 U	5.0 J Z	14	1.8 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	18	2.0 U	1.9 U	1.9 U	27	1.9 U	1.9 U	10 U	1.9 U	9.4 U	3.7 J Z	1.8 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	0.59 J FD, E, Z	2.0 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U	10 U	1.9 U	9.4 U	9.0 U	1.8 U Q
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	30	2.0 U	3.9	4.3	34	1.9 U	1.9 U	2.2 J Z	1.9 U	3.4 J Z	7.2 J Z	0.39 J FD, Q, Z
bis(2-Chloroisopropyl) ether	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	23	2.0 U	1.9 U	1.9 U	34	1.9 U	1.9 U	10 U	1.9 U	9.4 U	5.9 J Z	1.8 U Q
2,4-Dinitrophenol	ug/kg	1100 U	1200 U	1100 U L	1100 U L	1100 U	1100 U L	1200 U L	1200 U	1100 U	1100 U	1100 U	1100 R Q, L
4,6-Dinitro-2-Methylphenol	ug/kg	560 U	590 U	560 U L	560 U L	550 U	560 U L	580 U L	610 U	570 U	570 U	550 U	550 U L
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	2.5 J FD, Q, E	2.0 U	1.9 U	1.9 U	3.7 J Z	1.9 U	1.9 U	10 U	1.9 U	9.4 U	9.0 U	1.8 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	19	2.0 U	0.92 J Z	0.94 J Z	32	1.9 U	1.9 U	10 U	1.9 U	9.4 U	5.6 J Z	1.8 U Q
4-Chloro-3-Methylphenol	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Aniline	ug/kg	560 U	590 U	560 U	560 U	550 U	560 U	580 U	610 U	570 U	570 U	550 U	550 U
Benzoic Acid	ug/kg	560 U	590 U	560 U	560 U	550 U	560 U	580 U	610 U	570 U	570 U	550 U	550 U
Hexachloroethane	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
4-Chlorophenyl Phenylether	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Hexachlorocyclopentadiene	ug/kg	560 U	590 U	560 U	560 U	550 U	560 U	580 U	610 U	570 U	570 U	550 U	550 U
Isophorone	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	3.5 J Q, E	2.0 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U	10 U	1.9 U	9.4 U	9.0 U	1.8 U Q
Diethylphthalate (8270C)	ug/kg	--	--	--	--	180 U	--	--	200 U	--	190 U	180 U	--
Diethylphthalate (8270C SIM)	ug/kg	20 U Q	21 U	20 U	20 U	99 U	20 U	21 U	110 U	21 U	--	98 U	20 U Q
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	180 U	--	--	200 U	--	190 U	180 U	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U Q	21 U	20 U	20 U	99 U	20 U	21 U	110 U	21 U	--	98 U	20 U Q
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	33 J FD, E	2.0 U	2.6	3.5	5.6 J Z	1.9 U	1.9 U	10 U	1.9 U	8.6 J Z	5.6 J Z	1.8 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	180 U	--	--	200 U	--	190 U	180 U	--
Butylbenzylphthalate (8270C SIM)	ug/kg	7.3 J Q, Z	21 U	20 U	20 U	99 U	20 U	21 U	110 U	21 U	--	98 U	20 U Q
N-Nitrosodiphenylamine	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	2.3 J FD, E	2.0 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U	10 U	1.9 U	9.4 U	9.0 U	1.8 U Q
Carbazole	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Pentachlorophenol	ug/kg	560 U	590 U	560 U	560 U	550 U	560 U	580 U	610 U	570 U	570 U	550 U	550 U
2,4,6-Trichlorophenol	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
2-Nitroaniline	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
2-Nitrophenol	ug/kg	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U L	190 U L	180 U	180 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	0.80 J FD, Q, E, Z	2.0 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U	10 U	1.9 U	9.4 U	9.0 U	1.8 U Q
Naphthalene (8270C)	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-072-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-072-SA5DN-SB-4.0-5.0 08/10/2011 DE221 4 5	SL-073-SA5DN-SB-4.0-5.0 05/17/2011 DE153 4 5	SL-073-SA5DN-SB-9.0-10.0 05/17/2011 DE153 9 10	SL-074-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-074-SA5DN-SB-4.0-5.0 05/18/2011 DE155 4 5	SL-074-SA5DN-SB-9.0-10.0 05/18/2011 DE155 9 10	SL-075-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-075-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5	SL-075-SA5DN-SB-9.0-10.0 05/23/2011 DE159 9 10	SL-076-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-076-SA5DN-SB-4.0-5.0 05/18/2011 DE155 4 5
Naphthalene (8270C SIM)	ug/kq	1.5 J FD, Q, E, Z	2.0 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U	10 U	1.9 U	7.6 J Z	9.0 U	1.8 UJ Q
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	0.84 J FD, E, Z	2.0 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U	10 U	1.9 U	9.4 U	9.0 U	1.8 UJ Q
2-Chloronaphthalene	ug/kq	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
3,3'-Dichlorobenzidine	ug/kq	370 U	400 U	380 U	380 U	360 U	370 U	380 U	410 U	380 U	380 U	360 U	360 U
Benzidine	ug/kq	3700 R Q	4000 U	3800 U	3800 U	3600 U	3700 U	3800 U	4100 U	3800 U	3800 U	3600 U	3600 U
2-Methylphenol	ug/kq	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
2-Chlorophenol	ug/kq	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
2,4,5-Trichlorophenol	ug/kq	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
3-Nitroaniline	ug/kq	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U
Benzyl Alcohol	ug/kq	560 U	590 U	560 U	560 U	550 U	560 U	580 U	610 U	570 U	570 U	550 U	550 U
2,6-Dinitrotoluene	ug/kq	190 U	200 U	190 U	190 U	180 U	190 U	190 U	200 U	190 U	190 U	180 U	180 U

Sample Name Sample Date SDG Start Depth End Depth		SL-076-SA5DN-SB-9.0-10.0 05/18/2011 DE155 9 10	SL-077-SA5DN-SB-4.0-5.0 06/27/2011 DE189 4 5	SL-077-SA5DN-SB-9.0-10.0 06/27/2011 DE189 9 10	SL-078-SA5DN-SB-4.0-5.0 06/27/2011 DE189 4 5	SL-078-SA5DN-SB-9.0-10.0 06/27/2011 DE189 9 10	SL-079-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-079-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-079-SA5DN-SB-9.0-10.0 05/19/2011 DE156 9 10	SL-080-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-080-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-080-SA5DN-SB-8.0-9.0 05/19/2011 DE156 8 9	SL-081-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5
Chemical Name		Unit											
N-Nitrosodimethylamine (1625C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)		ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	9.1 U	1.8 U	2.0 U	9.2 U	1.8 U	1.8 U	1.8 U
2,4-Dinitrotoluene		ug/kg	190 U	46 J Z	48 J Z	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Nitrobenzene		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
1,4-Dichlorobenzene		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
1,2,4-Trichlorobenzene		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
1,3-Dichlorobenzene		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Hexachlorobutadiene		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
1,2-Dichlorobenzene		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
4-Nitroaniline		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
4-Nitrophenol		ug/kg	570 U	590 U	600 U	580 U	540 U	560 U	600 U	550 U	550 U	550 U	540 U
4-Bromophenyl Phenyl Ether		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
2,4-Dimethylphenol		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
4-Methylphenol		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
4-Chloroaniline		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
3,5-Dimethylphenol		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Phenol		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Bis(2-Chloroethyl) ether		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Bis(2-Chloroethoxy) methane		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)		ug/kg	24 J Z	--	21 J Z	--	--	--	20 J Z	360 U	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)		ug/kg	--	14 J Z	--	8.9 J Z	7.0 J Z	20 U	--	--	6.8 J Z	20 U	13 J Z
Di-N-Octyl Phthalate (8270C)		ug/kg	--	--	--	--	180 U	--	--	180 U	--	--	--
Di-N-Octyl Phthalate (8270C SIM)		ug/kg	21 U	7.9 J Z	21 U	21 U	--	20 U	22 U	--	20 U B	20 U	19
Hexachlorobenzene		ug/kg	190 U	200 U	200 U	190 U	190 U	190 U	200 U	180 U	180 U	180 U	180 U
Anthracene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)		ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	9.1 U	1.8 U	2.0 U	9.2 U	1.8 U	1.8 U	0.62 J Z
2,4-Dichlorophenol		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
1,2-Diphenylhydrazine		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Pyrene (8270C)		ug/kg	--	--	--	--	28 J Z	--	--	--	--	--	--
Pyrene (8270C SIM)		ug/kg	1.1 J Z	1.9 U	1.3 J Z	1.9 U	--	1.8 U	2.0 U	7.5 J Z	1.8 U	1.8 U	1.8 U
Dimethylphthalate (8270C)		ug/kg	--	--	--	--	180 U	--	--	180 U	--	--	--
Dimethylphthalate (8270C SIM)		ug/kg	21 U	21 U	21 U	21 U	--	20 U	22 U	--	20 U	20 U	19 U
Dibenzofuran		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Benzo(g,h,i)perylene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)		ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	9.1 U	1.8 U	2.0 U	9.2 U	1.8 U	1.8 U	3.3
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	2.0 U	1.9 U	9.1 U	1.8 U	2.0 U	9.2 U	1.8 U	1.8 U	3.3
Benzo(b)fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)		ug/kg	1.3 J Z	1.9 U	0.96 J Z	1.9 U	17	1.8 U	2.0 U	16	1.8 U	1.8 U	1.1 J Z
Fluoranthene (8270C)		ug/kg	--	--	--	--	29 J Z	--	--	--	--	--	--
Fluoranthene (8270C SIM)		ug/kg	1.4 J Z	1.9 U	1.3 J Z	1.9 U	--	1.8 U	2.0 U	8.9 J Z	1.8 U	1.8 U	1.8 U
Benzo(k)fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)		ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	5.0 J Z	1.8 U	2.0 U	9.2 U	1.8 U	1.8 U	1.8 U
Acenaphthylene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)		ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	9.1 U	1.8 U	2.0 U	9.2 U	1.8 U	1.8 U	1.8 U
Chrysene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)		ug/kg	0.86 J Z	1.9 U	0.60 J Z	1.9 U	9.2	1.8 U	2.0 U	6.9 J Z	1.8 U	1.8 U	0.41 J Z
bis(2-Chloroisopropyl) ether		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Benzo(a)pyrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)		ug/kg	0.89 J L, Z	1.9 U	2.0 U	1.9 U	7.8 J Z	1.8 U	2.0 U	5.2 J Z	1.8 U	1.8 U	0.85 J Z
2,4-Dinitrophenol		ug/kg	1100 UJ L	1200 UJ L	1200 UJ L	1200 UJ L	1100 U	1100 UJ L	1200 UJ L	1100 U	1100 UJ L	1100 UJ L	1100 U
4,6-Dinitro-2-Methylphenol		ug/kg	570 UJ L	590 UJ L	600 UJ L	580 UJ L	540 U	560 UJ L	600 UJ L	550 U	550 UJ L	550 UJ L	540 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	9.1 U	1.8 U	2.0 U	9.2 U	1.8 U	1.8 U	3.6
Benzo(a)anthracene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)		ug/kg	0.93 J Z	1.9 U	2.0 U	1.9 U	6.6 J Z	1.8 U	2.0 U	9.2 U	1.8 U	1.8 U	1.8 U
4-Chloro-3-Methylphenol		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
N-Nitroso-Di-N-Propylamine		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Aniline		ug/kg	570 U	590 U	600 U	580 U	540 U	560 U	600 U	550 U	550 U	550 U	540 U
Benzoic Acid		ug/kg	570 U	590 U	600 U	580 U	540 U	560 U	600 U	550 U	550 U	550 U	540 U
Hexachloroethane		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
4-Chlorophenyl Phenylether		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Hexachlorocyclopentadiene		ug/kg	570 U	590 U	600 U	580 U	540 U	560 U	600 U	550 U	550 U	550 U	540 U
Isophorone		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Acenaphthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)		ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	9.1 U	1.8 U	2.0 U	9.2 U	1.8 U	1.8 U	1.8 U
Diethylphthalate (8270C)		ug/kg	--	--	--	--	180 U	--	--	180 U	--	--	--
Diethylphthalate (8270C SIM)		ug/kg	21 U	21 U	21 U	21 U	--	20 U	22 U	--	20 U	20 U	19 U
Di-n-Butylphthalate (8270C)		ug/kg	--	--	--	--	180 U	--	--	180 U	--	--	--
Di-n-Butylphthalate (8270C SIM)		ug/kg	21 U	21 U	21 U	21 U	--	20 U	22 U	--	20 U	20 U	19 U
Phenanthrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)		ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	8.3 J Z	1.8 U	2.0 U	4.3 J Z	1.8 U	1.8 U	1.8 U
Butylbenzylphthalate (8270C)		ug/kg	--	--	--	--	180 U	--	--	180 U	--	--	--
Butylbenzylphthalate (8270C SIM)		ug/kg	21 U	21 U	21 U	21 U	--	20 U	22 U	--	20 U	20 U	19 U
N-Nitrosodiphenylamine		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Fluorene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)		ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	9.1 U	1.8 U	2.0 U	9.2 U	1.8 U	1.8 U	1.8 U
Carbazole		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Pentachlorophenol		ug/kg	570 U	590 U	600 U	580 U	540 U	560 U	600 U	550 U	550 U	550 U	540 U
2,4,6-Trichlorophenol		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
2-Nitroaniline		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
2-Nitrophenol		ug/kg	190 U	200 U	200 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
1-Methylnaphthalene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)		ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	9.1 U	1.8 U	2.0 U	9.2 U	1.8 U	1.8 U	1.8 U
Naphthalene (8270C)		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-076-SA5DN-SB-9.0-10.0 05/18/2011 DE155 9 10	SL-077-SA5DN-SB-4.0-5.0 06/27/2011 DE189 4 5	SL-077-SA5DN-SB-9.0-10.0 06/27/2011 DE189 9 10	SL-078-SA5DN-SB-4.0-5.0 06/27/2011 DE189 4 5	SL-078-SA5DN-SB-9.0-10.0 06/27/2011 DE189 9 10	SL-079-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-079-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-079-SA5DN-SB-9.0-10.0 05/19/2011 DE156 9 10	SL-080-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-080-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-080-SA5DN-SB-8.0-9.0 05/19/2011 DE156 8 9	SL-081-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5
Naphthalene (8270C SIM)	ug/kq	1.9 U	1.9 U	2.0 U	1.9 U	0.78 J Z	9.1 U	1.8 U	2.0 U	9.2 U	1.8 U	1.8 U	1.8 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U	9.1 U	1.8 U	2.0 U	9.2 U	1.8 U	1.8 U	1.8 U
2-Chloronaphthalene	ug/kq	190 U	200 U	200 U	190 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
3,3'-Dichlorobenzidine	ug/kq	380 U	400 U	400 U	390 U	380 U	360 U	370 U	400 U	360 U	370 U	360 U	360 U
Benzidine	ug/kq	3800 U	4000 U	4000 U	3900 U	3800 U	3600 U	3700 U	4000 U	3600 U	3700 U	3600 U	3600 U
2-Methylphenol	ug/kq	190 U	200 U	200 U	190 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
2-Chlorophenol	ug/kq	190 U	200 U	200 U	190 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
2,4,5-Trichlorophenol	ug/kq	190 U	200 U	200 U	190 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
3-Nitroaniline	ug/kq	190 U	200 U	200 U	190 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U
Benzyl Alcohol	ug/kq	570 U	590 U	600 U	580 U	580 U	540 U	560 U	600 U	550 U	550 U	550 U	540 U
2,6-Dinitrotoluene	ug/kq	190 U	200 U	200 U	190 U	190 U	180 U	190 U	200 U	180 U	180 U	180 U	180 U

Sample Name Sample Date SDG Start Depth End Depth		SL-081-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5	SL-081-SA5DN-SB-9.0-10.0 05/23/2011 DE159 9 10	SL-082-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-082-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-083-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-083-SA5DN-SB-4.0-5.0 08/08/2011 DE189 4 5	SL-084-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-084-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5	SL-085-SA5DN-SB-2.5-3.5 06/27/2011 DE189 2.5 3.5	SL-086-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-086-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-087-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	386 U	37.9 U B	57.1
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.8 U	1.8 U	9.1 U	1.8 U	9.1 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	9.3 U
2,4-Dinitrotoluene	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Nitrobenzene	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
1,4-Dichlorobenzene	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
1,2,4-Trichlorobenzene	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
1,3-Dichlorobenzene	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Hexachlorobutadiene	ug/kg	180 UJ L	180 UJ L	180 U	180 U	180 U	190 U	190 U	180 UJ L	190 U	190 U	190 U	180 U
1,2-Dichlorobenzene	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
4-Nitroaniline	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
4-Nitrophenol	ug/kg	550 U	540 U	550 U	540 U	550 U	570 U	560 U	550 U	580 U	580 U	570 U	550 U
4-Bromophenyl Phenyl Ether	ug/kg	180 UJ L	180 UJ L	180 U	180 U	180 U	190 U	190 U	180 UJ L	190 U	190 U	190 U	180 U
2,4-Dimethylphenol	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
4-Methylphenol	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
4-Chloroaniline	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
3,5-Dimethylphenol	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Phenol	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	180 U	180 U	180 U	180 U	190 UJ L	190 U	180 U	190 U	190 U	190 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	370 U	--	370 U	--	--	--	--	27 J Z	22 J L, Z	38 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	20 U	20 U	--	19 U	--	7.6 J Z	14 J Z	20 U	12 J Z	--	--	--
Di-n-Octyl Phthalate (8270C)	ug/kg	--	--	180 U	--	180 U	--	--	--	--	--	--	180 U
Di-n-Octyl Phthalate (8270C SIM)	ug/kg	20 U	20 U	--	19 U	--	21 U	20 U	20 U	13 J Z	21 U	21 U	--
Hexachlorobenzene	ug/kg	180 UJ L	180 UJ L	180 U	180 U	180 U	190 U	190 U	180 UJ L	190 U	190 U	190 U	180 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.8 U	1.8 U	9.1 U	1.8 U	9.1 U	1.9 U	12	1.8 U	1.9 U	0.59 J Z	1.9 U	14
2,4-Dichlorophenol	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
1,2-Diphenylhydrazine	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.8 U	1.8 U	10	1.8 U	19	1.9 U	210	1.8 U	1.9 U	2.5	1.9 U	120
Dimethylphthalate (8270C)	ug/kg	--	--	180 U	--	180 U	--	--	--	--	--	--	180 U
Dimethylphthalate (8270C SIM)	ug/kg	20 U	20 U	--	19 U	--	21 U	20 U	20 U	21 U	21 U	21 U	--
Dibenzofuran	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	22 J Z
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.8 U	1.8 U	9.1 U	1.8 U	9.1 U	1.9 U	16	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	1.8 U	1.8 U	9.1 U	1.8 U	9.1 U	1.9 U	19	1.8 U	1.9 U	1.9 U	1.9 U	17
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.8 U	1.1 J Z	20	1.8 U	34	1.9 U	200	1.8 U	1.9 U	1.8 J Z	1.9 U	92
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.8 U	1.8 U	12	1.8 U	25	1.9 U	250	1.8 U	1.9 U	5	1.9 U	210
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.8 U	1.8 U	9.1 U	1.8 U	9.1 U	1.9 U	69	1.8 U	1.9 U	3.4	1.9 U	28
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.8 U	1.8 U	9.1 U	1.8 U	9.1 U	1.9 U	0.49 J Z	1.8 U	1.9 U	1.9 U	1.9 U	2.2 J Z
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.8 U	0.55 J Z	7.0 J Z	1.8 U	10	1.9 U	110	1.8 U	1.9 U	2	1.9 U	68
bis(2-Chloroisopropyl) ether	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.8 U	1.8 U	6.7 J Z	1.8 U	9.6	1.9 U	93	1.8 U	1.9 U	1.1 J Z	1.9 U	53
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1100 U	1100 UJ L	1100 U	1100 U	1100 U	1100 U	1200 UJ L	1200 UJ L	1100 UJ L	1100 UJ L
4,6-Dinitro-2-Methylphenol	ug/kg	550 U	540 U	550 U	540 UJ L	550 U	570 UJ L	560 U	550 U	580 UJ L	580 U	570 U	550 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.8 U	1.8 U	9.1 U	1.8 U	9.1 U	1.9 U	6.8	1.8 U	1.9 U	1.9 U	1.9 U	5.8 J Z
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.8 U	1.8 U	5.1 J Z	1.8 U	6.1 J Z	1.9 U	120	1.8 U	1.9 U	0.93 J Z	1.9 U	67
4-Chloro-3-Methylphenol	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Aniline	ug/kg	550 U	540 U	550 U	540 U	550 U	570 U	560 U	550 U	580 U	580 U	570 U	550 U
Benzoic Acid	ug/kg	550 U	540 U	550 U	540 U	550 U	570 UJ L	560 U	550 U	580 U	580 U	570 U	550 U
Hexachloroethane	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
4-Chlorophenyl Phenylether	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Hexachlorocyclopentadiene	ug/kg	550 U	540 U	550 U	540 U	550 U	570 U	560 U	550 U	580 U	580 U	570 U	550 U
Isophorone	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.8 U	1.8 U	9.1 U	1.8 U	9.1 U	1.9 U	2.2	1.8 U	1.9 U	1.9 U	1.9 U	9.3 U
Diethylphthalate (8270C)	ug/kg	--	--	180 U	--	180 U	--	--	--	--	--	--	180 U
Diethylphthalate (8270C SIM)	ug/kg	20 U	20 U	--	19 U	--	21 U	20 U	20 U	21 U	21 U	21 U	--
Di-n-Butylphthalate (8270C)	ug/kg	--	--	180 U	--	180 U	--	--	--	--	--	--	180 U
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	20 U	--	19 U	--	21 U	20 U	20 U	21 U	21 U	21 U	--
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.8 U	1.8 U	5.1 J Z	1.8 U	15	1.9 U	48	1.8 U	1.9 U	2.5	1.9 U	49
Butylbenzylphthalate (8270C)	ug/kg	--	--	180 U	--	180 U	--	--	--	--	--	--	180 U
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	20 U	--	19 U	--	21 U	20 U	20 U	21 U	21 U	21 U	--
N-Nitrosodiphenylamine	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.8 U	1.8 U	9.1 U	1.8 U	9.1 U	1.9 U	1.1 J Z	1.8 U	1.9 U	1.9 U	1.9 U	9.3 U
Carbazole	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Pentachlorophenol	ug/kg	550 U	540 U	550 U	540 U	550 U	570 U	560 U	550 U	580 U	580 U	570 U	550 U
2,4,6-Trichlorophenol	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
2-Nitroaniline	ug/kg	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
2-Nitrophenol	ug/kg	180 UJ L	180 UJ L	180 U	180 U	180 U	190 U	190 U	180 UJ L	190 U	190 U	190 U	180 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.8 U	1.8 U	9.1 U	1.8 U	9.1 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	9.3 U
Naphthalene (8270C)	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-081-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5	SL-081-SA5DN-SB-9.0-10.0 05/23/2011 DE159 9 10	SL-082-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-082-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-083-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-083-SA5DN-SB-4.0-5.0 08/08/2011 DE219 4 5	SL-084-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-084-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5	SL-085-SA5DN-SB-2.5-3.5 06/27/2011 DE189 2.5 3.5	SL-086-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-086-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-087-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5
Naphthalene (8270C SIM)	ug/kq	1.8 U	1.8 U	9.1 U	1.8 U	9.1 U	1.9 U	1.1 J Z	1.8 U	1.9 U	1.9 U	1.9 U	9.3 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.8 U	1.8 U	9.1 U	1.8 U	9.1 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	9.3 U
2-Chloronaphthalene	ug/kq	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
3,3'-Dichlorobenzidine	ug/kq	370 U	360 U	370 U	360 U	370 U	380 U	380 U	370 U	390 U	380 U	380 U	370 U
Benzidine	ug/kq	3700 U	3600 U	3700 U	3600 U	3700 U	3800 U	3800 U	3700 U	3900 U	3800 U	3800 U	3700 U
2-Methylphenol	ug/kq	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
2-Chlorophenol	ug/kq	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
2,4,5-Trichlorophenol	ug/kq	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
3-Nitroaniline	ug/kq	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U
Benzyl Alcohol	ug/kq	550 U	540 U	550 U	540 U	550 U	570 U	560 U	550 U	580 U	580 U	570 U	550 U
2,6-Dinitrotoluene	ug/kq	180 U	180 U	180 U	180 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	180 U

Sample Name Sample Date SDG Start Depth End Depth		SL-088-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-088-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-089-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-089-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5	SL-090-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-091-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-091-SA5DN-SB-4.0-5.0 06/24/2011 DE188 4 5	SL-092-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-092-SA5DN-SB-4.0-5.0 06/24/2011 DE188 4 5	SL-092-SA5DN-SB-7.0-8.0 06/24/2011 DE188 7 8	SL-093-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-093-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	49.9	36.7 U	33.9 J Z	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.8 U	2.0 U	1.9 U	1.8 U	10 U	9.0 U	2.0 U	9.3 U	1.9 U	1.9 U	9.0 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Nitrobenzene	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
1,4-Dichlorobenzene	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
1,2,4-Trichlorobenzene	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
1,3-Dichlorobenzene	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Hexachlorobutadiene	ug/kg	190 U	200 U	190 U	180 UJ L	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
1,2-Dichlorobenzene	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
4-Nitroaniline	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
4-Nitrophenol	ug/kg	560 U	590 U	570 U	550 U	610 U	540 U	590 U	550 U	570 U	580 U	550 U	590 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	200 U	190 U	180 UJ L	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
2,4-Dimethylphenol	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
4-Methylphenol	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
4-Chloroaniline	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
3,5-Dimethylphenol	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Phenol	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	28 J Z	22 J L, Z	21 J Z	--	28 J Z	43 J Z	--	40 J Z	--	--	33 J Z	20 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	--	--	20 U	--	--	9.5 J Z	--	21 U	8.8 J Z	--	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	200 U	180 U	--	180 U	--	--	180 U	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	--	--	21 U	--	21 U	21 U	--	21 U
Hexachlorobenzene	ug/kg	190 U	200 U	190 U	180 UJ L	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.8 U	2.0 U	1.7 J Z	1.8 U	10 U	3.5 J Z	2.0 U	12	1.9 U	1.9 U	9.0 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
1,2-Diphenylhydrazine	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	130 J Z	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.3 J Z	2.0 U	13 J FD	1.8 U	5.6 J Z	--	1.0 J Z	92	1.9 U	1.9	7.0 J Z	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	200 U	180 U	--	180 U	--	--	180 U	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	--	--	21 U	--	21 U	21 U	--	21 U
Dibenzofuran	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.8 U	2.0 U	1.6 J FD, Z	1.8 U	4.9 J Z	13	2.0 U	26	1.9 U	0.84 J Z	9.0 U	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.8 U	2.0 U	1.5 J FD, Z	1.8 U	10 U	11	2.0 U	24	1.9 U	1.9 U	9.0 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	68 J Z	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.0 J Z	2.0 U	12 J FD	1.8 U	7.4 J Z	--	1.2 J Z	68	1.9 U	2.3	4.9 J Z	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	25 J Z	--	--	120 J Z	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	2	2.0 U	--	1.8 U	7.5 J Z	--	2.0 U	110	1.9 U	1.6 J Z	7.8 J Z	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	27 J Z	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	2.2	2.0 U	1.9 UJ FD	1.8 U	10 U	--	2.0 U	29	1.9 U	1.0 J Z	9.0 U	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.8 U	2.0 U	1.9 UJ FD	1.8 U	10 U	9.0 U	2.0 U	9.3 U	1.9 U	1.9 U	9.0 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	78 J Z	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.5 J Z	2.0 U	10 J FD	1.8 U	5.7 J Z	--	1.2 J Z	70	1.9 U	1.2 J Z	5.6 J Z	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	58 J Z	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.8 U	2.0 U	3.8 J FD	1.8 U	4.5 J Z	--	2.0 U	46	1.9 U	1.3 J Z	9.0 U	1.9 U
2,4-Dinitrophenol	ug/kg	1100 UJ L	1200 UJ L	1100 UJ L	1100 U	1200 UJ L	1100 UJ L	1200 U	1100 UJ L	1100 U	1200 U	1100 UJ L	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	560 U	590 U	570 U	550 U	610 U	540 U	590 U	550 U	570 U	580 U	550 U	590 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.8 U	2.0 U	1.9 U	1.8 U	10 U	3.8 J Z	2.0 U	8.0 J Z	1.9 U	1.9 U	9.0 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	56 J Z	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.8 U	2.0 U	2.8 J FD	1.8 U	10 U	--	2.0 U	46	1.9 U	1.2 J Z	9.0 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Aniline	ug/kg	560 U	590 U	570 U	550 U	610 U	540 U	590 U	550 U	570 U	580 U	550 U	590 U
Benzoic Acid	ug/kg	560 U	590 U	570 U	550 U	610 U	540 U	590 U	550 U	570 U	580 U	550 U	590 U
Hexachloroethane	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
4-Chlorophenyl Phenylether	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Hexachlorocyclopentadiene	ug/kg	560 U	590 U	570 U	550 U	610 U	540 U	590 U	550 U	570 U	580 U	550 U	590 U
Isophorone	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.8 U	2.0 U	1.9 U	1.8 U	10 U	9.0 U	2.0 U	7.5 J Z	1.9 U	1.9 U	9.0 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	200 U	180 U	--	180 U	--	--	180 U	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	--	--	21 U	--	21 U	21 U	--	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	200 U	180 U	--	180 U	--	--	180 U	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	--	--	21 U	--	21 U	21 U	--	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	76 J Z	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.1 J Z	2.0 U	13 J FD	1.8 U	10 U	--	2.0 U	64	1.9 U	1.9 U	4.8 J Z	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	200 U	24 J Z	--	180 U	--	--	180 U	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	21 U	21 U	20 U	--	--	21 U	--	21 U	21 U	--	21 U
N-Nitrosodiphenylamine	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.8 U	2.0 U	1.9 U	1.8 U	10 U	9.0 U	2.0 U	6.0 J Z	1.9 U	1.9 U	9.0 U	1.9 U
Carbazole	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Pentachlorophenol	ug/kg	560 U	590 U	570 U	550 U	610 U	540 U	590 U	550 U	570 U	580 U	550 U	590 U
2,4,6-Trichlorophenol	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
2-Nitroaniline	ug/kg	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
2-Nitrophenol	ug/kg	190 U	200 U	190 U	180 UJ L	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.8 U	2.0 U	1.9 U	1.8 U	10 U	9.0 U	2.0 U	9.3 U	1.9 U	1.9 U	9.0 U	1.9 U
Naphthalene (8270C)	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-088-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-088-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-089-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-089-SA5DN-SB-4.0-5.0 05/23/2011 DE159 4 5	SL-090-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-091-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-091-SA5DN-SB-4.0-5.0 06/24/2011 DE188 4 5	SL-092-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-092-SA5DN-SB-4.0-5.0 06/24/2011 DE188 4 5	SL-092-SA5DN-SB-7.0-8.0 06/24/2011 DE188 7 8	SL-093-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-093-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5
Naphthalene (8270C SIM)	ug/kq	1.8 U	2.0 U	1.9 U	1.8 U	10 U	9.0 U	2.0 U	9.3 U	1.9 U	1.9 U	9.0 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.8 U	2.0 U	1.9 U	1.8 U	10 U	9.0 U	2.0 U	9.3 U	1.9 U	1.9 U	9.0 U	1.9 U
2-Chloronaphthalene	ug/kq	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
3,3'-Dichlorobenzidine	ug/kq	370 U	390 U	380 U	370 U	410 U	360 U	390 U	370 U	380 U	390 U	360 U	390 U
Benzidine	ug/kq	3700 U	3900 U	3800 UJ Q	3700 U	4100 U	3600 U	3900 U	3700 U	3800 U	3900 U	3600 U	3900 U
2-Methylphenol	ug/kq	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
2-Chlorophenol	ug/kq	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
2,4,5-Trichlorophenol	ug/kq	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
3-Nitroaniline	ug/kq	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U
Benzyl Alcohol	ug/kq	560 U	590 U	570 U	550 U	610 U	540 U	590 U	550 U	570 U	580 U	550 U	590 U
2,6-Dinitrotoluene	ug/kq	190 U	200 U	190 U	180 U	200 U	180 U	200 U	180 U	190 U	190 U	180 U	200 U

Sample Name Sample Date SDG Start Depth End Depth		SL-093-SA5DN-SB-9.0-10.0 06/20/2011 DE184 9 10	SL-094-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-094-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-094-SA5DN-SB-9.0-10.0 06/22/2011 DE186 9 10	SL-095-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-095-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-095-SA5DN-SB-9.0-10.0 06/22/2011 DE186 9 10	SL-097-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-097-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-097-SA5DN-SB-8.5-9.5 06/21/2011 DE185 8.5 9.5	SL-098-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-098-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	371 U	20.9 J Z	37.2 U	375 U	389 U
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Nitrobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Hexachlorobutadiene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
4-Nitroaniline	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
4-Nitrophenol	ug/kg	560 U	550 U	580 U	570 U	530 U	560 U	560 U	550 U	580 U	560 U	560 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
4-Methylphenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
4-Chloroaniline	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Phenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	28 J L, Z	21 J Z	--	18 J L, Z	19 J Z	--	33 J L, Z	22 J Z	21 J Z	31 J L, Z	49 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	20 U	--	--	21 U	--	--	20 U	--	--	--	--	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 U	20 U	21 U	21 U	19 U	20 U	20 U	20 U	21 U	20 U	20 U	21 U
Hexachlorobenzene	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	8.8	1.9 U	1.9 U	2.1	1.9 U	1.9 U	1.4 J Z	1.9 U	1.9 U	74	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	55	1.9 U	1.9 U	23	1.9 U	1.9 U	12	1.9 U	1.9 U	880	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	20 U	21 U	21 U	19 U	20 U	20 U	20 U	21 U	20 U	20 U	21 U
Dibenzofuran	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	130 J L, Z	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	7.2	1.9 U	1.9 U	5.1	1.9 U	1.9 U	2.4	1.9 U	1.9 U	--	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	120 J L, Z	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	7.3	1.9 U	1.9 U	4.2	1.9 U	1.9 U	2.5	1.9 U	1.9 U	--	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	42	1.9 U	1.9 U	31	1.9 U	1.9 U	12	1.9 U	1.9 U	770	0.79 J Z
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	70	1.9 U	1.9 U	23	1.9 U	1.9 U	12	1.9 U	1.9 U	1100	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	20	1.9 U	1.9 U	13	1.9 U	1.9 U	9.2	1.9 U	1.9 U	330	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	0.46 J Z	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	0.82 J Z	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	34	1.9 U	1.9 U	29	1.9 U	0.75 J Z	12	1.9 U	1.9 U	540	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	26	1.9 U	1.9 U	13	1.9 U	1.9 U	7.4	1.9 U	1.9 U	480	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1200 U	1100 U	1100 U	1100 U	1100 U	1100 U	1200 U	1100 U	1100 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	560 U	550 U	580 U	570 U	530 U	560 U	560 U	550 U	580 U	560 U	560 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	43 J L, Z	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	2.8	1.9 U	1.9 U	2.1	1.9 U	1.9 U	1.4 J Z	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	29	1.9 U	1.9 U	9.9	1.9 U	1.9 U	5.3	1.9 U	1.9 U	590	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Aniline	ug/kg	560 U	550 U	580 U	570 U	530 U	560 U	560 U	550 U	580 U	560 U	560 U	580 U
Benzoic Acid	ug/kg	560 U	550 U	580 U	570 U	530 U	560 U	560 U	550 U	580 U	560 U	560 U	580 U
Hexachloroethane	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	560 U	550 U	580 U	570 U	530 U	560 U	560 U	550 U	580 U	560 U	560 U	580 U
Isophorone	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	4.2	1.9 U	1.9 U	0.87 J Z	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	15	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	20 U	21 U	21 U	19 U	20 U	20 U	20 U	21 U	20 U	20 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	20 U	21 U	21 U	19 U	22	20 U	20 U	21 U	20 U	20 U	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	37	1.9 U	1.9 U	10	1.9 U	1.9 U	5.2	1.9 U	1.9 U	320	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	20 U	21 U	21 U	19 U	20 U	20 U	20 U	21 U	20 U	20 U	21 U
N-Nitrosodiphenylamine	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	3.1	1.9 U	1.9 U	1.1 J Z	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	9.8	1.9 U
Carbazole	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	35 J L, Z	190 U
Pentachlorophenol	ug/kg	560 U	550 U	580 U	570 U	530 U	560 U	560 U	550 U	580 U	560 U	560 U	580 U
2,4,6-Trichlorophenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
2-Nitroaniline	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
2-Nitrophenol	ug/kg	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	0.89 J Z	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	0.99 J Z	1.9 U
Naphthalene (8270C)	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-093-SA5DN-SB-9.0-10.0 06/20/2011 DE184 9 10	SL-094-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-094-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-094-SA5DN-SB-9.0-10.0 06/22/2011 DE186 9 10	SL-095-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-095-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-095-SA5DN-SB-9.0-10.0 06/22/2011 DE186 9 10	SL-097-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-097-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-097-SA5DN-SB-8.5-9.5 06/21/2011 DE185 8.5 9.5	SL-098-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-098-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5
Naphthalene (8270C SIM)	ug/kq	1.9 U	1.3 J Z	1.9 U	1.9 U	1.0 J Z	1.9 U	1.9 U	0.75 J Z	1.9 U	1.9 U	1.2 J Z	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	0.90 J Z	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	0.96 J Z	1.9 U
2-Chloronaphthalene	ug/kq	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
3,3'-Dichlorobenzidine	ug/kq	380 U	370 U	390 U	380 U	350 U	380 U	370 U	370 U	390 U	370 U	370 U	390 U
Benzidine	ug/kq	3800 U	3700 U	3900 U	3800 U	3500 U	3800 U	3700 U	3700 U	3900 U	3700 U	3700 U	3900 U
2-Methylphenol	ug/kq	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
2-Chlorophenol	ug/kq	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kq	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
3-Nitroaniline	ug/kq	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Benzyl Alcohol	ug/kq	560 U	550 U	580 U	570 U	530 U	560 U	560 U	550 U	580 U	560 U	560 U	580 U
2,6-Dinitrotoluene	ug/kq	190 U	180 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-098-SA5DN-SB-7.0-8.0 06/21/2011 DE185 7 8	SL-099-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-099-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-100-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-100-SA5DN-SB-3.0-4.0 06/23/2011 DE187 3 4	SL-101-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-101-SA5DN-SB-2.5-3.5 06/23/2011 DE187 2.5 3.5	SL-102-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-102-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-103-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-103-SA5DN-SB-4.0-5.0 06/24/2011 DE188 4 5	SL-103-SA5DN-SB-7.0-8.0 06/24/2011 DE188 7 8
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	39.1	355 U	37.2 U	352 U	37.8 U	--	--	365 U	35.5 U	365 U	365 U	39.2 U
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.8 U	1.7 U	1.8 U	1.8 U	9.0 U	1.8 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Nitrobenzene	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Hexachlorobutadiene	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
4-Nitroaniline	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
4-Nitrophenol	ug/kg	580 U	530 U	560 U	530 U	560 U	530 U	520 U	550 U	530 U	540 U	540 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
4-Methylphenol	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
4-Chloroaniline	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Phenol	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	23 J Z	--	19 J Z	150 J L, Z	--	--	--	--	--	41 J L, Z	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	87	--	--	12 J Z	48	6.5 J Z	280	6.4 J Z	--	20 U	7.3 J Z
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	19 U	20 U	19 U	20 U	19 U	19 U	7.8 J Z	19 U	97 U	20 U	21 U
Hexachlorobenzene	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	3.5	1.9 U	1.8 U	1.3 J Z	2.9	1.7 U	11	0.45 J Z	4.2 J Z	1.8 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	36 J L, Z	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	54	1.9 U	--	3.5	41	1.7 U	140	1.8 U	36	1.8 U	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	19 U	20 U	19 U	20 U	19 U	19 U	20 U	19 U	97 U	20 U	21 U
Dibenzofuran	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	12	1.9 U	1.8 U	2.4	8.5	1.7 U	20	1.8 U	11	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	1.9 U	13	1.9 U	1.8 U	2	5.5	1.7 U	22	1.8 U	10	1.8 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	25 J Z	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	82	1.9 U	--	4	42	1.7 U	120	1.8 U	42	0.76 J Z	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	34 J L, Z	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	45	1.9 U	--	3.2	28	1.7 U	190	1.8 U	42	1.8 U	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	35	1.9 U	1.8 U	2.3	19	1.7 U	50	1.8 U	18	1.8 U	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	0.49 J Z	1.9 U	1.8 U	0.50 J Z	0.73 J Z	1.7 U	0.42 J Z	1.8 U	9.0 U	1.8 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	19 J L, Z	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	51	1.9 U	--	3.2	56	1.7 U	76	0.53 J Z	33	0.91 J Z	0.47 J Z
bis(2-Chloroisopropyl) ether	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	43	1.9 U	1.8 U	2.8	18	1.7 U	70	1.8 U	25	1.8 U	1.9 U
2,4-Dinitrophenol	ug/kg	1200 U	1100 U	1100 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1100 U	1100 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	530 U	560 U	530 U	560 U	530 U	520 U	550 U	530 U	540 U	540 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	4.6	1.9 U	1.8 U	1.4 J Z	3.3	1.7 U	7.7	1.8 U	3.7 J Z	1.8 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	21 J L, Z	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	35	1.9 U	--	2.5	12	1.7 U	87	1.8 U	24	1.8 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Aniline	ug/kg	580 U	530 U	560 U	530 U	560 U	530 U	520 U	550 U	530 U	540 U	540 U	580 U
Benzoic Acid	ug/kg	580 U	530 U	560 U	530 U	560 U	530 U	520 U	550 U	530 U	540 U	540 U	580 U
Hexachloroethane	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Hexachlorocyclopentadiene	ug/kg	580 U	530 U	560 U	530 U	560 U	530 U	520 U	550 U	530 U	540 U	540 U	580 U
Isophorone	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.7 U	1.9 U	1.8 U	1.9 U	1.3 J Z	1.7 U	2.5	1.8 U	9.0 U	1.8 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	19 U	20 U	19 U	20 U	19 U	19 U	20 U	19 U	97 U	20 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	19 U	20 U	19 U	20 U	7.9 J Z	19 U	20 U	19 U	97 U	20 U	21 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	9.3	1.9 U	1.8 U	1.7 J Z	17	1.7 U	52	1.8 U	13	1.8 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	19 U	20 U	19 U	20 U	13 J Z	19 U	20 U	19 U	97 U	20 U	21 U
N-Nitrosodiphenylamine	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	0.75 J Z	1.9 U	1.8 U	1.0 J Z	1.6 J Z	1.7 U	1.5 J Z	1.8 U	9.0 U	1.8 U	1.9 U
Carbazole	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Pentachlorophenol	ug/kg	580 U	530 U	560 U	530 U	560 U	530 U	520 U	550 U	530 U	540 U	540 U	580 U
2,4,6-Trichlorophenol	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
2-Nitroaniline	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
2-Nitrophenol	ug/kg	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	1.7 U	1.9 U	1.8 U	1.9 U	1.2 J Z	1.7 U	1.8 U	1.8 U	9.0 U	1.8 U	1.9 U
Naphthalene (8270C)	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-098-SA5DN-SB-7.0-8.0 06/21/2011 DE185 7 8	SL-099-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-099-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-100-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-100-SA5DN-SB-3.0-4.0 06/23/2011 DE187 3 4	SL-101-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-101-SA5DN-SB-2.5-3.5 06/23/2011 DE187 2.5 3.5	SL-102-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-102-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-103-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-103-SA5DN-SB-4.0-5.0 06/24/2011 DE188 4 5	SL-103-SA5DN-SB-7.0-8.0 06/24/2011 DE188 7 8
Naphthalene (8270C SIM)	ug/kq	1.9 U	0.80 J Z	1.9 U	1.8 U	1.9 U	1.9	1.7 U	0.88 J Z	1.8 U	4.4 J Z	1.8 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	1.7 U	1.9 U	1.8 U	1.9 U	1.4 J Z	1.7 U	1.8 U	1.8 U	9.0 U	1.8 U	1.9 U
2-Chloronaphthalene	ug/kq	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
3,3'-Dichlorobenzidine	ug/kq	390 U	350 U	380 U	350 U	380 U	350 U	350 U	370 U	350 U	360 U	360 U	390 U
Benzidine	ug/kq	3900 U	3500 U	3800 U	3500 U	3800 U	3500 U	3500 U	3700 U	3500 U	3600 U	3600 U	3900 U
2-Methylphenol	ug/kq	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
2-Chlorophenol	ug/kq	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
2,4,5-Trichlorophenol	ug/kq	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
3-Nitroaniline	ug/kq	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U
Benzyl Alcohol	ug/kq	580 U	530 U	560 U	530 U	560 U	530 U	520 U	550 U	530 U	540 U	540 U	580 U
2,6-Dinitrotoluene	ug/kq	190 U	180 U	190 U	180 U	190 U	180 U	170 U	180 U	180 U	180 U	180 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-104-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0	SL-104-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-105-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-105-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-106-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-106-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-106-SA5DN-SB-9.0-10.0 06/23/2011 DE187 4 10	SL-107-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-107-SA5DN-SB-3.5-4.5 06/23/2011 DE187 3.5 4.5	SL-108-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-109-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-109-SA5DN-SB-3.5-4.5 06/23/2011 DE187 3.5 4.5	
Chemical Name		Unit												
N-Nitrosodimethylamine (1625C)		ug/ka	356 U	37.4 U	355 U	36.8 U	355 U	42	373 U	346 U	36.1 U	--	362 U	35.0 U
N-Nitrosodimethylamine (8270C SIM)		ug/ka	8.8 U	1.9 U	8.8 U	1.8 U	8.9 U	1.9 U	1.9 U	1.7 U	1.8 U	8.8 U	1.8 U	1.7 U
2,4-Dinitrotoluene		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U
Nitrobenzene		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U
1,4-Dichlorobenzene		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U
1,2,4-Trichlorobenzene		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U
1,3-Dichlorobenzene		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U
Hexachlorobutadiene		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U
1,2-Dichlorobenzene		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U
4-Nitroaniline		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	180 U	170 U
4-Nitrophenol		ug/ka	530 U	560 U	530 U	540 U	530 U	550 U	520 U	540 U	530 U	540 U	520 U	
4-Bromophenyl Phenyl Ether		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U	
2,4-Dimethylphenol		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U	
4-Methylphenol		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U	
4-Chloroaniline		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U	
3,5-Dimethylphenol		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U	
Phenol		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U	
Bis(2-Chloroethyl) ether		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U	
Bis(2-Chloroethoxy) methane		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U	
Bis(2-Ethylhexyl) phthalate (8270C)		ug/ka	24 J L, Z	--	34 J L, Z	--	68 J L, Z	--	35 J L, Z	--	--	--	--	
Bis(2-Ethylhexyl) phthalate (8270C SIM)		ug/ka	--	7.6 J Z	--	8.9 J Z	--	7.0 J Z	7.5 J Z	20 U	73 J Z	19 U	6.7 J Z	
Di-N-Octyl Phthalate (8270C)		ug/ka	180 U	--	180 U	--	180 U	--	--	--	180 U	--	--	
Di-N-Octyl Phthalate (8270C SIM)		ug/ka	95 U	20 U	--	20 U	--	20 U	8.3 J Z	19 U	20 U	--	19 U	
Hexachlorobenzene		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U	
Anthracene (8270C)		ug/ka	--	--	--	--	--	--	--	--	--	--	--	
Anthracene (8270C SIM)		ug/ka	2.5 J Z	1.9 U	60	0.76 J Z	8.9 U	1.9 U	1.9 U	1.7 U	1.8 U	8.8 U	1.8 U	1.7 U
2,4-Dichlorophenol		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U
1,2-Diphenylhydrazine		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U	
Pyrene (8270C)		ug/ka	64 J L, Z	--	--	--	--	--	--	--	--	--	--	
Pyrene (8270C SIM)		ug/ka	--	1.9 U	280	19	13	1.9 U	1.9 U	1.0 J Z	1.8 U	5.0 J FD, Z	0.92 J Z	1.7 U
Dimethylphthalate (8270C)		ug/ka	180 U	--	180 U	--	180 U	--	--	--	--	180 U	--	--
Dimethylphthalate (8270C SIM)		ug/ka	95 U	20 U	--	20 U	--	20 U	20 U	19 U	20 U	--	19 U	19 U
Dibenzofuran		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	180 U	170 U
Benzo(a,h,i)perylene (8270C)		ug/ka	32 J L, Z	--	--	--	--	--	--	--	--	--	--	--
Benzo(a,h,i)perylene (8270C SIM)		ug/ka	--	1.9 U	83	5.9	7.5 J Z	1.9 U	1.9 U	0.86 J Z	1.8 U	3.5 J Z	1.4 J Z	1.7 U
Indeno(1,2,3-Cd)Pyrene (8270C)		ug/ka	30 J L, Z	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)		ug/ka	--	1.9 U	82	4.3	4.5 J Z	1.9 U	1.9 U	1.7 U	1.8 U	8.8 UJ FD	0.83 J Z	1.7 U
Benzo(b)fluoranthene (8270C)		ug/ka	64 J Z	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)		ug/ka	--	1.9 U	190	23	12	1.0 J Z	1.9 U	1.5 J Z	1.8 U	4.6 J FD, Z	1.3 J Z	1.7 U
Fluoranthene (8270C)		ug/ka	58 J L, Z	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)		ug/ka	--	1.9 U	360	22	16	1.9 U	1.9 U	1.3 J Z	1.8 U	5.8 J FD, Z	0.94 J Z	1.7 U
Benzo(k)fluoranthene (8270C)		ug/ka	30 J L, Z	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)		ug/ka	--	1.9 U	100	6.1	8.0 J Z	1.9 U	1.9 U	0.90 J Z	1.8 U	5.3 J FD, Z	1.1 J Z	1.7 U
Acenaphthylene (8270C)		ug/ka	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)		ug/ka	8.8 U	1.9 U	8.8 U	1.8 U	8.9 U	1.9 U	1.9 U	1.7 U	1.8 U	8.8 U	1.8 U	1.7 U
Chrysene (8270C)		ug/ka	56 J L, Z	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)		ug/ka	--	1.9 U	170	17	12	0.44 J Z	1.9 U	2.9	1.8 U	5.2 J Z	2	1.7 U
bis(2-Chloroisopropyl) ether		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	180 U	170 U
Benzo(a)pyrene (8270C)		ug/ka	48 J L, Z	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)		ug/ka	--	1.9 U	150	14	9	1.9 U	1.9 U	1.7 U	1.8 U	8.8 UJ FD	0.80 J Z	1.7 U
2,4-Dinitrophenol		ug/ka	1100 U	1100 U	1100 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U	1100 UJ Q	1000 U	1000 U
4,6-Dinitro-2-Methylphenol		ug/ka	530 U	560 U	530 U	540 U	530 U	550 U	520 U	540 U	540 U	530 U	540 U	520 U
Dibenzo(a,h)anthracene (8270C)		ug/ka	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)		ug/ka	5.1 J Z	1.9 U	25	2	8.9 U	1.9 U	1.9 U	1.7 U	1.8 U	8.8 U	1.8 U	1.7 U
Benzo(a)anthracene (8270C)		ug/ka	40 J L, Z	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)		ug/ka	--	1.9 U	160	12	7.7 J Z	1.9 U	1.9 U	1.7 U	1.8 U	8.8 UJ FD	1.8 U	1.7 U
4-Chloro-3-Methylphenol		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	180 U	170 U
N-Nitroso-Di-N-Propylamine		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	180 U	170 U
Aniline		ug/ka	530 U	560 U	530 U	540 U	530 U	550 U	520 U	540 U	530 U	540 U	520 U	
Benzoic Acid		ug/ka	530 U	560 U	530 U	540 U	530 U	550 U	520 U	540 U	530 U	540 U	520 U	
Hexachloroethane		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U	
4-Chlorophenyl Phenylether		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U	
Hexachlorocyclopentadiene		ug/ka	530 U	560 U	530 U	540 U	530 U	550 U	520 U	540 U	530 U	540 U	520 U	
Isophorone		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U	
Acenaphthene (8270C)		ug/ka	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)		ug/ka	8.8 U	1.9 U	36	1.8 U	8.9 U	1.9 U	1.9 U	1.7 U	1.8 U	8.8 U	1.8 U	1.7 U
Diethylphthalate (8270C)		ug/ka	180 U	--	180 U	--	180 U	--	--	--	--	180 U	--	--
Diethylphthalate (8270C SIM)		ug/ka	95 U	20 U	--	20 U	--	20 U	20 U	19 U	20 U	--	19 U	19 U
Di-n-Butylphthalate (8270C)		ug/ka	180 U	--	180 U	--	180 U	--	--	--	180 U	--	--	--
Di-n-Butylphthalate (8270C SIM)		ug/ka	95 U	20 U	--	20 U	--	20 U	20 U	44	20 U	--	19 U	19 U
Phenanthrene (8270C)		ug/ka	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)		ug/ka	8.6 J Z	1.9 U	160	3.9	7.0 J Z	1.9 U	1.9 U	1.7 U	1.8 U	8.8 UJ FD	1.8 U	1.7 U
Butylbenzylphthalate (8270C)		ug/ka	180 U	--	180 U	--	180 U	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)		ug/ka	95 U	20 U	--	20 U	--	20 U	20 U	19 U	20 U	--	19 U	19 U
N-Nitrosodiphenylamine		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	180 U	170 U
Fluorene (8270C)		ug/ka	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)		ug/ka	8.8 U	1.9 U	20	1.8 U	8.9 U	1.9 U	1.9 U	1.7 U	1.8 U	8.8 U	1.8 U	1.7 U
Carbazole		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	180 U	170 U
Pentachlorophenol		ug/ka	530 U	560 U	530 U	540 U	530 U	550 U	520 U	540 U	530 U	540 U	520 U	
2,4,6-Trichlorophenol		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	180 U	170 U
2-Nitroaniline		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	180 U	170 U
2-Nitrophenol		ug/ka	180 U	190 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	180 U	170 U
1-Methylnaphthalene (8270C)		ug/ka	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)		ug/ka	8.8 U	1.9 U	8.8 U	1.8 U	8.9 U	1.9 U	1.9 U	1.7 U	1.8 U	8.8 U	1.8 U	1.7 U
Naphthalene (8270C)		ug/ka	--	--	--	--	--	--	--	--	--	--	--	--

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-104-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-104-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-105-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-105-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-106-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-106-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-106-SA5DN-SB-9.0-10.0 06/23/2011 DE187 9 10	SL-107-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-107-SA5DN-SB-3.5-4.5 06/23/2011 DE187 3.5 4.5	SL-108-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-109-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-109-SA5DN-SB-3.5-4.5 06/23/2011 DE187 3.5 4.5
Naphthalene (8270C SIM)	ug/kq	8.8 U	1.9 U	3.6 J Z	1.8 U	8.9 U	1.9 U	1.9 U	1.7 U	1.8 U	8.8 U	1.8 U	1.7 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	8.8 U	1.9 U	8.8 U	1.8 U	8.9 U	1.9 U	1.9 U	1.7 U	1.8 U	8.8 U	1.8 U	1.7 U
2-Chloronaphthalene	ug/kq	180 U	190 U	180 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U
3,3'-Dichlorobenzidine	ug/kq	350 U	370 U	350 U	360 U	350 U	370 U	370 U	350 U	360 U	350 U	360 U	350 U
Benzidine	ug/kq	3500 U	3700 U	3500 U	3600 U	3500 U	3700 U	3700 U	3500 U	3600 U	3500 U Q	3600 U	3500 U
2-Methylphenol	ug/kq	180 U	190 U	180 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U
2-Chlorophenol	ug/kq	180 U	190 U	180 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U
2,4,5-Trichlorophenol	ug/kq	180 U	190 U	180 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U
3-Nitroaniline	ug/kq	180 U	190 U	180 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U
Benzyl Alcohol	ug/kq	530 U	560 U	530 U	540 U	530 U	550 U	550 U	520 U	540 U	530 U	540 U	520 U
2,6-Dinitrotoluene	ug/kq	180 U	190 U	180 U	180 U	180 U	180 U	180 U	170 U	180 U	180 U	180 U	170 U

Sample Name Sample Date SDG Start Depth End Depth		SL-110-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-110-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-111-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-111-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-112-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-112-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-113-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-113-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-114-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-114-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-115-SA5DN-SB-4.0-5.0 06/22/2011 DE186 4 5	SL-116-SA5DN-SB-2.0-3.0 06/28/2011 DE190 2 3
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	365 U	36.4 U	371 U	37.6 U	364 U	38.5 U	365 U	39.2 U	357 U	37.0 U	38.2 U	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	9.0 U	1.8 U	9.0 U	1.8 U	9.0 U	1.9 U	9.0 U	1.9 U	8.9 U	1.9 U	1.9 U	1.8 U
2,4-Dinitrotoluene	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Nitrobenzene	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
1,4-Dichlorobenzene	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
1,2,4-Trichlorobenzene	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
1,3-Dichlorobenzene	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Hexachlorobutadiene	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
1,2-Dichlorobenzene	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	190 U	180 U	190 U	180 U
4-Nitroaniline	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
4-Nitrophenol	ug/kg	550 U	540 U	550 U	570 U	540 U	580 U	550 U	590 U	530 U	560 U	570 U	540 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
2,4-Dimethylphenol	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
4-Methylphenol	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	190 U	180 U	190 U	180 U
4-Chloroaniline	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
3,5-Dimethylphenol	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Phenol	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	--	18 J L, Z	--	50 J L, Z	21 J Z	26 J L, Z	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	96 J Z	19 U	99 U	11 J Z	--	21 U	--	--	--	20 U	20 U	6.8 J Z
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	98 U	19 U	99 U	20 U	98 U	21 U	98 U	21 U	96 U	20 U	20 U	19 UJ FD
Hexachlorobenzene	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	9.0 U	1.8 U	9.2 U	1.9 U	9.0 U	1.9 U	3.0 J Z	1.1 J Z	8.9 U	1.9 U	1.9 U	1.8 U
2,4-Dichlorophenol	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
1,2-Diphenylhydrazine	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Pyrene (8270C)	ug/kg	18 J L, Z	--	--	--	--	--	300 J L	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	12	1.8 U	10	1.9 U	14	1.9 U	--	4.4	5.4 J Z	1.9 U	1.9 U	1.8 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	98 U	19 U	99 U	20 U	98 U	21 U	98 U	21 U	96 U	20 U	20 U	19 U
Dibenzofuran	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	93 J L, Z	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	5.5 J Z	1.8 U	5.9 J Z	1.9 U	7.4 J Z	1.9 U	--	1.3 J Z	5.4 J Z	1.9 U	1.9 U	1.8 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	85 J L, Z	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	4.3 J Z	1.8 U	4.6 J Z	1.9 U	5.3 J Z	1.9 U	--	1.1 J Z	8.9 U	1.9 U	1.9 U	1.8 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	230	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	9.7	1.8 U	13	1.9 U	15	1.9 U	--	2.5	7.8 J Z	1.9 U	1.9 U	1.8 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	280 J L	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	12	1.8 U	11	1.9 U	15	1.9 U	--	4.5	6.0 J Z	1.9 U	1.9 U	1.8 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	130 J L, Z	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	8.7 J Z	1.8 U	6.8 J Z	1.9 U	8.6 J Z	1.9 U	--	1.1 J Z	6.3 J Z	1.9 U	1.9 U	1.8 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	9.0 U	1.8 U	9.2 U	1.9 U	9.0 U	1.9 U	9.1 U	2.0 U	8.9 U	1.9 U	1.9 U	1.8 U
Chrysene (8270C)	ug/kg	21 J L, Z	--	--	--	--	--	190 J L	--	59 J L, Z	--	--	--
Chrysene (8270C SIM)	ug/kg	14	1.8 U	11	1.9 U	20	1.9 U	--	2.3	--	1.9 U	1.9 U	1.8 U
bis(2-Chloroisopropyl) ether	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	170 J L, Z	--	28 J L, Z	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	7.5 J Z	1.8 U	8.3 J Z	1.9 U	9.1	1.9 U	--	1.9 J Z	--	1.9 U	1.9 U	1.8 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1100 U	1100 U	1100 U	1200 U	1100 U	1100 U	1100 U	1100 U	1100 U	1100 UJ L
4,6-Dinitro-2-Methylphenol	ug/kg	550 U	540 U	550 U	570 U	540 U	580 U	550 U	590 U	530 U	560 U	570 U	540 UJ L
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	24 J L, Z	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	9.0 U	1.8 U	9.2 U	1.9 U	9.0 U	1.9 U	--	2.0 U	8.9 U	1.9 U	1.9 U	1.8 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	200 J L	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	7.1 J Z	1.8 U	7.1 J Z	1.9 U	7.8 J Z	1.9 U	--	1.9 J Z	8.9 U	1.9 U	1.9 U	1.8 U
4-Chloro-3-Methylphenol	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Aniline	ug/kg	550 U	540 U	550 U	570 U	540 U	580 U	550 U	590 U	530 U	560 U	570 U	540 U
Benzoic Acid	ug/kg	550 U	540 U	550 U	570 U	540 U	580 U	550 U	590 U	530 U	560 U	570 U	540 U
Hexachloroethane	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
4-Chlorophenyl Phenylether	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Hexachlorocyclopentadiene	ug/kg	550 U	540 U	550 U	570 U	540 U	580 U	550 U	590 U	530 U	560 U	570 U	540 U
Isophorone	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	9.0 U	1.8 U	9.2 U	1.9 U	9.0 U	1.9 U	9.1 U	2.0 U	8.9 U	1.9 U	1.9 U	1.8 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	98 U	19 U	99 U	20 U	98 U	21 U	98 U	21 U	96 U	20 U	20 U	19 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	98 U	19 U	99 U	20 U	98 U	11 J FD, Z	98 U	21 U	96 U	20 U	20 U	19 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	68 J L, Z	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	4.3 J Z	1.8 U	9.2 U	1.9 U	5.1 J Z	1.9 U	--	4.3	8.9 U	1.9 U	1.9 U	1.8 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	98 U	19 U	99 U	20 U	98 U	21 U	98 U	21 U	96 U	20 U	20 U	19 U
N-Nitrosodiphenylamine	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	9.0 U	1.8 U	9.2 U	1.9 U	9.0 U	1.9 U	9.1 U	2.0 U	8.9 U	1.9 U	1.9 U	1.8 U
Carbazole	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Pentachlorophenol	ug/kg	550 U	540 U	550 U	570 U	540 U	580 U	550 U	590 U	530 U	560 U	570 U	540 U
2,4,6-Trichlorophenol	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
2-Nitroaniline	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
2-Nitrophenol	ug/kg	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	9.0 U	1.8 U	9.2 U	1.9 U	9.0 U	1.9 U	9.1 U	2.0 U	8.9 U	1.9 U	1.9 U	1.8 U
Naphthalene (8270C)	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-110-SA5DN-SS-0.0-0.5	SL-110-SA5DN-SB-4.0-5.0	SL-111-SA5DN-SS-0.0-0.5	SL-111-SA5DN-SB-4.0-5.0	SL-112-SA5DN-SS-0.0-0.5	SL-112-SA5DN-SB-4.0-5.0	SL-113-SA5DN-SS-0.0-0.5	SL-113-SA5DN-SB-4.0-5.0	SL-114-SA5DN-SS-0.0-0.5	SL-114-SA5DN-SB-4.0-5.0	SL-115-SA5DN-SB-4.0-5.0	SL-116-SA5DN-SB-2.0-3.0
		05/31/2011	06/23/2011	05/31/2011	06/22/2011	05/31/2011	06/22/2011	05/31/2011	06/21/2011	05/31/2011	06/22/2011	06/22/2011	06/28/2011
		DE169	DE187	DE169	DE186	DE169	DE186	DE169	DE185	DE169	DE186	DE186	DE190
		0	4	0	4	0	4	0	4	0	4	4	2
		0.5	5	0.5	5	0.5	5	0.5	5	0.5	5	5	3
Naphthalene (8270C SIM)	ug/kq	9.0 U	1.8 U	9.2 U	1.9 U	9.0 U	1.9 U	9.1 U	2.0 U	8.9 U	1.9 U	1.9 U	1.8 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	9.0 U	1.8 U	9.2 U	1.9 U	9.0 U	1.9 U	9.1 U	2.0 U	8.9 U	1.9 U	1.9 U	1.8 U
2-Chloronaphthalene	ug/kq	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
3,3'-Dichlorobenzidine	ug/kq	370 U	360 U	370 U	380 U	360 U	390 U	360 U	400 U	360 U	370 U	380 U	360 U
Benzidine	ug/kq	3700 U	3600 U	3700 U	3800 U	3600 U	3900 UJ Q	3600 U	4000 U	3600 U	3700 U	3800 U	3600 UJ Q
2-Methylphenol	ug/kq	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
2-Chlorophenol	ug/kq	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
2,4,5-Trichlorophenol	ug/kq	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
3-Nitroaniline	ug/kq	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U
Benzyl Alcohol	ug/kq	550 U	540 U	550 U	570 U	540 U	580 U	550 U	590 U	530 U	560 U	570 U	540 U
2,6-Dinitrotoluene	ug/kq	180 U	180 U	180 U	190 U	180 U	190 U	180 U	200 U	180 U	190 U	190 U	180 U

Sample Name Sample Date SDG Start Depth End Depth		SL-117-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-117-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5	SL-118-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-118-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5	SL-119-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-119-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5	SL-120-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-120-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-121-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-121-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-121-SA5DN-SB-8.0-9.0 06/21/2011 DE185 8 9	SL-122-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	368 U	67	380	58.4	252 J Z	53.2	320 J Z	37.5 U	358 U	18.6 J Z	19.1 J Z	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	9.2 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	9.0 U	1.9 U	8.9 U	1.8 U	1.8 U	9.8 U
2,4-Dinitrotoluene	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Nitrobenzene	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
1,4-Dichlorobenzene	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
1,2,4-Trichlorobenzene	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
1,3-Dichlorobenzene	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Hexachlorobutadiene	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
1,2-Dichlorobenzene	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
4-Nitroaniline	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
4-Nitrophenol	ug/kg	550 U	560 U	540 U	550 U	550 U	570 U	550 U	560 U	530 U	550 U	530 U	590 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
2,4-Dimethylphenol	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
4-Methylphenol	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
4-Chloroaniline	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
3,5-Dimethylphenol	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Phenol	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	51 J Z	--	35 J Z	--	38 J Z	--	890	29 J Z	20 J L, Z	24 J Z	--	48 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	20 U	--	20 U	--	21 U	--	--	--	--	19 U	--
Di-N-Octyl Phthalate (8270C)	ug/kg	180 U	--	--	--	--	--	180 U	--	--	--	--	200 U
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	--	20 U	20 U	20 U	20 U	21 U	--	20 U	97 U	20 U	19 U	--
Hexachlorobenzene	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	43 J Z
Anthracene (8270C SIM)	ug/kg	4.5 J Z	1.9 U	1.6 J Z	1.8 U	1.8 U	1.9 U	3.5 J Z	1.9 U	2.7 J Z	1.8 U	1.8 U	--
2,4-Dichlorophenol	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
1,2-Diphenylhydrazine	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Pyrene (8270C)	ug/kg	--	--	41 J Z	--	--	--	46 J Z	--	40 J L, Z	--	--	590
Pyrene (8270C SIM)	ug/kg	13 J FD	1.9 U	--	1.8 U	3.1	1.9 U	--	1.9 U	--	1.8 U	1.8 U	--
Dimethylphthalate (8270C)	ug/kg	180 U	--	--	--	--	--	180 U	--	--	--	--	200 U
Dimethylphthalate (8270C SIM)	ug/kg	--	20 U	20 U	20 U	20 U	21 U	--	20 U	97 U	20 U	19 U	--
Dibenzofuran	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	20 J L, Z	--	--	140 J Z
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	7.6 J FD, Z	1.9 U	7.7	1.8 U	1.8 U	1.9 U	7.5 J Z	1.9 U	--	1.8 U	1.8 U	--
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	180 J Z
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	3.9 J FD, Z	1.9 U	6.5	1.8 U	1.8 U	1.9 U	3.7 J Z	1.9 U	7.1 J Z	1.8 U	1.8 U	--
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	38 J Z	--	--	380
Benzo(b)fluoranthene (8270C SIM)	ug/kg	13 J FD	1.9 U	29	1.8 U	1.8 U	1.9 U	17	1.9 U	--	1.8 U	1.8 U	--
Fluoranthene (8270C)	ug/kg	--	--	40 J Z	--	--	--	48 J Z	--	36 J L, Z	--	--	570
Fluoranthene (8270C SIM)	ug/kg	10 J FD	1.9 U	--	1.8 U	1.8 U	1.9 U	--	1.9 U	--	1.8 U	1.8 U	--
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	170 J Z
Benzo(k)fluoranthene (8270C SIM)	ug/kg	6.0 J FD, Z	1.9 U	11	1.8 U	1.8 U	1.9 U	7.7 J Z	1.9 U	16	1.8 U	1.8 U	--
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	9.2 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	9.0 U	1.9 U	8.9 U	1.8 U	1.8 U	9.8 U
Chrysene (8270C)	ug/kg	130 J Z	--	--	--	--	--	130 J Z	--	--	--	--	360
Chrysene (8270C SIM)	ug/kg	--	0.39 J Z	36	1.8 U	4.8	1.9 U	--	1.9 U	240	1.8 U	2.5	--
bis(2-Chloroisopropyl) ether	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	25 J Z	--	--	--	26 J Z	--	30 J L, Z	--	--	270
Benzo(a)pyrene (8270C SIM)	ug/kg	7.2 J FD, Z	1.9 U	--	1.8 U	1.8 U	1.9 U	--	1.9 U	--	1.8 U	1.8 U	--
2,4-Dinitrophenol	ug/kg	1100 UJ L	1100 U	1100 UJ L	1100 U	1100 UJ L	1100 U	1100 UJ L	1100 U	1100 U	1100 U	1100 U	1200 UJ L
4,6-Dinitro-2-Methylphenol	ug/kg	550 U	560 U	540 U	550 U	550 U	570 U	550 U	560 U	530 U	550 U	530 U	590 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	43 J Z
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	9.2 UJ FD	1.9 U	2.4	1.8 U	1.8 U	1.9 U	9.0 U	1.9 U	3.8 J Z	1.8 U	1.8 U	--
Benzo(a)anthracene (8270C)	ug/kg	--	--	23 J Z	--	--	--	--	--	20 J L, Z	--	--	390
Benzo(a)anthracene (8270C SIM)	ug/kg	6.7 J FD, Z	1.9 U	--	1.8 U	4.2	1.9 U	9.8	1.9 U	--	1.8 U	1.8 U	--
4-Chloro-3-Methylphenol	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Aniline	ug/kg	550 U	560 U	540 U	550 U	550 U	570 U	550 U	560 U	530 U	550 U	530 U	590 U
Benzoic Acid	ug/kg	550 U	560 U	540 U	550 U	550 U	570 U	550 U	560 U	530 U	550 U	530 U	590 U
Hexachloroethane	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
4-Chlorophenyl Phenylether	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Hexachlorocyclopentadiene	ug/kg	550 U	560 U	540 U	550 U	550 U	570 U	550 U	560 U	530 U	550 U	530 U	590 U
Isophorone	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	9.2 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	9.0 U	1.9 U	8.9 U	1.8 U	1.8 U	24
Diethylphthalate (8270C)	ug/kg	180 U	--	--	--	--	--	180 U	--	--	--	--	200 U
Diethylphthalate (8270C SIM)	ug/kg	--	20 U	20 U	20 U	20 U	21 U	--	20 U	97 U	20 U	19 U	--
Di-n-Butylphthalate (8270C)	ug/kg	180 U	--	--	--	--	--	66 J Z	--	--	--	--	200 U
Di-n-Butylphthalate (8270C SIM)	ug/kg	--	20 U	20 U	20 U	20 U	21 U	--	20 U	97 U	20 U	19 U	--
Phenanthrene (8270C)	ug/kg	--	--	24 J Z	--	--	--	41 J Z	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	4.8 J FD, Z	1.9 U	--	1.8 U	1.8 U	1.9 U	--	1.9 U	21	1.8 U	1.8 U	190
Butylbenzylphthalate (8270C)	ug/kg	180 U	--	--	--	--	--	180 U	--	20 J L, Z	--	--	200 U
Butylbenzylphthalate (8270C SIM)	ug/kg	--	20 U	20 U	20 U	20 U	21 U	--	20 U	97 U	20 U	19 U	--
N-Nitrosodiphenylamine	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	9.2 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	9.0 U	1.9 U	8.9 U	1.8 U	1.8 U	13
Carbazole	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	28 J Z
Pentachlorophenol	ug/kg	550 U	560 U	540 U	550 U	550 U	570 U	550 U	560 U	530 U	550 U	530 U	590 U
2,4,6-Trichlorophenol	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
2-Nitroaniline	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
2-Nitrophenol	ug/kg	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	9.2 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	9.0 U	1.9 U	8.9 U	1.8 U	1.8 U	9.8 U
Naphthalene (8270C)	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-117-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-117-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5	SL-118-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-118-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5	SL-119-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-119-SA5DN-SB-4.0-5.0 06/20/2011 DE184 4 5	SL-120-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5	SL-120-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-121-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-121-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-121-SA5DN-SB-8.0-9.0 06/21/2011 DE185 8 9	SL-122-SA5DN-SS-0.0-0.5 05/27/2011 DE167 0 0.5
Naphthalene (8270C SIM)	ug/kq	9.2 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	9.0 U	1.9 U	8.9 U	1.8 U	1.8 U	9.8 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	9.2 U	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U	9.0 U	1.9 U	8.9 U	1.8 U	1.8 U	9.8 U
2-Chloronaphthalene	ug/kq	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
3,3'-Dichlorobenzidine	ug/kq	370 U	370 U	360 U	360 U	370 U	380 U	370 U	370 U	350 U	370 U	350 U	390 U
Benzidine	ug/kq	3700 R Q	3700 U	3600 U	3600 U	3700 U	3800 U	3700 U	3700 U	3500 U	3700 U	3500 U	3900 U
2-Methylphenol	ug/kq	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
2-Chlorophenol	ug/kq	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
2,4,5-Trichlorophenol	ug/kq	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
3-Nitroaniline	ug/kq	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U
Benzyl Alcohol	ug/kq	550 U	560 U	540 U	550 U	550 U	570 U	550 U	560 U	530 U	550 U	530 U	590 U
2,6-Dinitrotoluene	ug/kq	180 U	190 U	180 U	180 U	180 U	190 U	180 U	190 U	180 U	180 U	180 U	200 U

Sample Name Sample Date SDG Start Depth End Depth		SL-122-SA5DN-SB-4.0-5.0 06/24/2011 DE188 4 5	SL-123-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-123-SA5DN-SB-2.5-3.5 06/27/2011 DE189 2.5 3.5	SL-124-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-125-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-125-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-125-SA5DN-SB-9.0-10.0 06/21/2011 DE185 9 10	SL-126-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-127-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-128-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-128-SA5DN-SB-4.0-5.0 06/29/2011 DE191 4 5	SL-129-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5
Chemical Name		Unit											
N-Nitrosodimethylamine (1625C)		ug/kg	--	--	--	--	368 U	32.9 J Z	35.3 U	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)		ug/kg	1.9 U	1.8 U	1.8 U	1.8 U	9.1 U	1.9 U	1.8 U	8.9 U	1.8 U	1.9 U	1.8 U
2,4-Dinitrotoluene		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Nitrobenzene		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
1,4-Dichlorobenzene		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
1,2,4-Trichlorobenzene		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
1,3-Dichlorobenzene		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Hexachlorobutadiene		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
1,2-Dichlorobenzene		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
4-Nitroaniline		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
4-Nitrophenol		ug/kg	560 U	540 U	530 U	540 U	540 U	570 U	530 U	530 U	560 U	580 U	530 U
4-Bromophenyl Phenyl Ether		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
2,4-Dimethylphenol		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
4-Methylphenol		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
4-Chloroaniline		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
3,5-Dimethylphenol		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Phenol		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Bis(2-Chloroethyl) ether		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Bis(2-Chloroethoxy) methane		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)		ug/kg	--	21 J L, Z	--	49 J L, Z	260 J L, Z	--	27 J L, Z	160 J L, Z	36 J L, Z	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)		ug/kg	7.5 J Z	--	6.6 J Z	--	--	21 U	19 U	--	--	7.2 J Z	160
Di-N-Octyl Phthalate (8270C)		ug/kg	--	--	--	--	--	--	180 U	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)		ug/kg	20 U	19 U	19 U	19 U	98 U	21 U	19 U	--	91 U	20 U	19 U
Hexachlorobenzene		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Anthracene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)		ug/kg	1.9 U	3.4	1.8 U	1.8 U	2.1 J Z	1.9 U	1.8 U	1.9 J Z	8.4 U	1.8 U	22
2,4-Dichlorophenol		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
1,2-Diphenylhydrazine		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Pyrene (8270C)		ug/kg	--	--	--	28 J L, Z	--	--	--	20 J L, Z	--	--	--
Pyrene (8270C SIM)		ug/kg	1.9 U	41	1.8 U	--	21	1.9 U	1.8 U	--	9.2	1.8 U	630
Dimethylphthalate (8270C)		ug/kg	--	--	--	--	--	--	180 U	--	--	--	--
Dimethylphthalate (8270C SIM)		ug/kg	20 U	19 U	19 U	19 U	98 U	21 U	19 U	--	91 U	20 U	19 U
Dibenzofuran		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Benzo(g,h,i)perylene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)		ug/kg	1.9 U	19	1.8 U	1.8 U	6.5 J Z	1.9 U	1.8 U	4.7 J Z	6.0 J Z	1.8 U	170
Indeno(1,2,3-Cd)Pyrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)		ug/kg	1.9 U	20	1.8 U	1.8 U	5.4 J Z	1.9 U	1.8 U	4.0 J Z	4.3 J Z	1.8 U	180
Benzo(b)fluoranthene (8270C)		ug/kg	--	--	--	19 J Z	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)		ug/kg	1.9 U	84	1.8 U	0.79 J Z	--	1.9 U	1.8 U	11	17	1.8 U	660
Fluoranthene (8270C)		ug/kg	--	--	--	28 J L, Z	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)		ug/kg	1.9 U	49	1.8 U	--	24	1.9 U	1.8 U	20	12	1.8 U	760
Benzo(k)fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)		ug/kg	1.9 U	32	1.8 U	0.91 J Z	11	1.9 U	1.8 U	14	5.0 J Z	1.8 U	230
Acenaphthylene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)		ug/kg	1.9 U	1.8 U	1.8 U	1.8 U	9.1 U	1.9 U	1.8 U	8.9 U	8.4 U	1.8 U	1.0 J Z
Chrysene (8270C)		ug/kg	--	--	--	55 J L, Z	--	47 J L, Z	--	--	--	--	--
Chrysene (8270C SIM)		ug/kg	1.9 U	71	1.8 U	--	--	2.5	1.8 U	22	12	0.64 J Z	460
bis(2-Chloroisopropyl) ether		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Benzo(a)pyrene (8270C)		ug/kg	--	--	--	22 J L, Z	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)		ug/kg	1.9 U	46	1.8 U	1.8 U	--	1.9 U	1.8 U	7.0 J Z	11	1.8 U	400
2,4-Dinitrophenol		ug/kg	1100 U	1100 U	1100 U	1100 U	1100 U	1100 U	1100 U	5100 U	1100 U	1200 U	1100 U
4,6-Dinitro-2-Methylphenol		ug/kg	560 U	540 U	530 U	540 U	540 U	570 U	530 U	530 U	2500 U	560 U	530 U
Dibenzo(a,h)anthracene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)		ug/kg	1.9 U	7.7	1.8 U	1.8 U	9.1 U	1.9 U	1.8 U	8.9 U	8.4 U	1.8 U	58
Benzo(a)anthracene (8270C)		ug/kg	--	--	--	--	--	--	18 J L, Z	--	--	--	--
Benzo(a)anthracene (8270C SIM)		ug/kg	1.9 U	45	1.8 U	1.8 U	10	1.9 U	1.8 U	--	5.9 J Z	1.8 U	460
4-Chloro-3-Methylphenol		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
N-Nitroso-Di-N-Propylamine		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Aniline		ug/kg	560 U	540 U	530 U	540 U	540 U	570 U	530 U	530 U	2500 U	560 U	530 U
Benzoic Acid		ug/kg	560 U	540 U	530 U	540 U	540 U	570 U	530 U	530 U	2500 U	560 U	530 U
Hexachloroethane		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
4-Chlorophenyl Phenylether		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Hexachlorocyclopentadiene		ug/kg	560 U	540 U	530 U	540 U	540 U	570 U	530 U	530 U	2500 U	560 U	530 U
Isophorone		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Acenaphthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)		ug/kg	1.9 U	1.8 U	1.8 U	1.8 U	9.1 U	1.9 U	1.8 U	8.9 U	8.4 U	1.8 U	2.8
Diethylphthalate (8270C)		ug/kg	--	--	--	--	--	--	180 U	--	--	--	--
Diethylphthalate (8270C SIM)		ug/kg	20 U	19 U	19 U	19 U	98 U	21 U	19 U	--	91 U	20 U	19 U
Di-n-Butylphthalate (8270C)		ug/kg	--	--	--	--	--	--	--	180 U	--	--	--
Di-n-Butylphthalate (8270C SIM)		ug/kg	20 U	19 U	19 U	19 U	98 U	21 U	19 U	--	91 U	20 U	14 J Z
Phenanthrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)		ug/kg	1.9 U	9	1.8 U	1.8 U	10	1.9 U	1.8 U	11	4.4 J Z	1.8 U	120
Butylbenzylphthalate (8270C)		ug/kg	--	--	--	--	--	--	180 U	--	--	--	--
Butylbenzylphthalate (8270C SIM)		ug/kg	20 U	19 U	19 U	19 U	98 U	21 U	19 U	--	91 U	20 U	19 U
N-Nitrosodiphenylamine		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Fluorene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)		ug/kg	1.9 U	1.1 J Z	1.8 U	1.8 U	9.1 U	1.9 U	1.8 U	8.9 U	8.4 U	1.8 U	1.9
Carbazole		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
Pentachlorophenol		ug/kg	560 U	540 U	530 U	540 U	540 U	570 U	530 U	530 U	2500 U	560 U	530 U
2,4,6-Trichlorophenol		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
2-Nitroaniline		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
2-Nitrophenol		ug/kg	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	190 U	190 U	180 U
1-Methylnaphthalene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)		ug/kg	1.9 U	1.8 U	1.8 U	1.8 U	9.1 U	1.9 U	1.8 U	8.9 U	8.4 U	1.8 U	0.83 J Z
Naphthalene (8270C)		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-122-SA5DN-SB-4.0-5.0 06/24/2011 DE188 4 5	SL-123-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-123-SA5DN-SB-2.5-3.5 06/27/2011 DE189 2.5 3.5	SL-124-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-125-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-125-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-125-SA5DN-SB-9.0-10.0 06/21/2011 DE185 9 10	SL-126-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-127-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-128-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-128-SA5DN-SB-4.0-5.0 06/29/2011 DE191 4 5	SL-129-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5
Naphthalene (8270C SIM)	ug/kq	1.9 U	0.88 J Z	1.8 U	1.8 U	9.1 U	1.9 U	1.8 U	8.9 U	8.4 U	1.8 U	1.9 U	1.4 J Z
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	1.8 U	1.8 U	1.8 U	9.1 U	1.9 U	1.8 U	8.9 U	8.4 U	1.8 U	1.9 U	1.0 J Z
2-Chloronaphthalene	ug/kq	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	840 U	190 U	190 U	180 U
3,3'-Dichlorobenzidine	ug/kq	370 U	360 U	360 U	360 U	360 U	380 U	350 U	350 U	1700 U	370 U	390 U	350 U
Benzidine	ug/kq	3700 U	3600 U	3600 U	3600 U	3600 U	3800 U	3500 U	3500 U	17000 U	3700 U	3900 U	3500 U
2-Methylphenol	ug/kq	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	840 U	190 U	190 U	180 U
2-Chlorophenol	ug/kq	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	840 U	190 U	190 U	180 U
2,4,5-Trichlorophenol	ug/kq	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	840 U	190 U	190 U	180 U
3-Nitroaniline	ug/kq	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	840 U	190 U	190 U	180 U
Benzyl Alcohol	ug/kq	560 U	540 U	530 U	540 U	540 U	570 U	530 U	530 U	2500 U	560 U	580 U	530 U
2,6-Dinitrotoluene	ug/kq	190 U	180 U	180 U	180 U	180 U	190 U	180 U	180 U	840 U	190 U	190 U	180 U

Sample Name Sample Date SDG Start Depth End Depth		SL-129-SA5DN-SB-2.5-3.5 06/29/2011 DE191 2.5 3.5	SL-130-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-130-SA5DN-SB-4.0-5.0 05/25/2011 DE162 4 5	SL-131-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-131-SA5DN-SB-3.5-4.5 06/28/2011 DE190 3.5 4.5	SL-132-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-132-SA5DN-SB-4.0-5.0 06/28/2011 DE190 4 5	SL-133-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-133-SA5DN-SB-4.0-5.0 05/25/2011 DE162 4 5	SL-134-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-135-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-136-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	105	24.3 J Z	33.9 U	37.7 U	152	33.7 U	33.8 U B
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U	1.7 U	1.8 U	1.7 U	1.9 U	1.7 U	1.7 U	1.7 U
2,4-Dinitrotoluene	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
Nitrobenzene	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
1,4-Dichlorobenzene	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
1,2,4-Trichlorobenzene	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
1,3-Dichlorobenzene	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
Hexachlorobutadiene	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
1,2-Dichlorobenzene	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
4-Nitroaniline	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
4-Nitrophenol	ug/kg	530 U	520 U	570 U	510 U	560 U	510 U	560 U	510 U	570 U	510 U	510 U	510 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
2,4-Dimethylphenol	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
4-Methylphenol	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
4-Chloroaniline	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
3,5-Dimethylphenol	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
Phenol	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	18 J Z	19 J L, Z	--	--	--	20 J Z	--	23 J Z	--	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	--	20 U	65	7.5 J Z	--	7.3 J Z	--	20 U	24	26	10 J Z
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	19 U	19 U	20 U	18 U	20 U	18 U	20 U	19 U	20 U	19 U	18 U	18 U
Hexachlorobenzene	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	1.5 J Z	1.9 U	1.6 J Z	1.8 U	64	1.9 U	0.98 J Z	0.46 J Z	1.7 U
2,4-Dichlorophenol	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
1,2-Diphenylhydrazine	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	9.8	1.9 U	23	1.8 U	190	1.9 U	5	5.9	4.6
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	19 U	19 U	20 U	18 U	20 U	18 U	20 U	19 U	20 U	19 U	18 U	18 U
Dibenzofuran	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	12	1.9 U	12	1.8 U	20	1.9 U	2	2	1.6 J Z
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	12	1.9 U	11	1.8 U	27	1.9 U	1.4 J Z	1.7	1.5 J Z
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	13	1.9 U	37	1.8 U	240	1.9 U	4.9	5.1	4.9
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	14	1.9 U	30	1.8 U	250	1.9 U	8.8	6.4	4
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	8.5	1.9 U	14	1.8 U	85	1.9 U	5.6	5.7	4.4
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	0.35 J Z	1.9 U	1.7 U	1.8 U	12	1.9 U	1.7 U	1.7 U	1.7 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	13	1.9 U	27	1.8 U	310	1.9 U	5.8	5.7	5.2
bis(2-Chloroisopropyl) ether	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	7.7	1.9 U	18	1.8 U	56	1.9 U	2.4	3.1	3.2
2,4-Dinitrophenol	ug/kg	1100 UJ L	1000 U	1100 U	1000 U	1100 UJ L	1000 U	1100 UJ L	1000 U	1100 U	1000 U	1000 U	1000 U
4,6-Dinitro-2-Methylphenol	ug/kg	530 UJ L	520 U	570 U	510 U	560 UJ L	510 U	560 UJ L	510 U	570 U	510 U	510 U	510 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	3.6	1.9 U	4.1	1.8 U	8.7	1.9 U	1.7 U	1.0 J Z	0.76 J Z
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	6.6	1.9 U	16	1.8 U	130	1.9 U	1.9	2.1	2.6
4-Chloro-3-Methylphenol	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
Aniline	ug/kg	530 U	520 U	570 U	510 U	560 U	510 U	560 U	510 U	570 U	510 U	510 U	510 U
Benzoic Acid	ug/kg	530 U	520 U	570 U	510 U	560 U	510 U	560 U	510 U	570 U	510 U	510 U	510 U
Hexachloroethane	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
4-Chlorophenyl Phenylether	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
Hexachlorocyclopentadiene	ug/kg	530 U	520 U	570 U	510 U	560 U	510 U	560 U	510 U	570 U	510 U	510 U	510 U
Isophorone	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	170 U	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U	1.7 U	1.8 U	0.74 J Z	1.9 U	1.7 U	1.7 U	1.7 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	19 U	19 U	20 U	18 U	20 U	18 U	20 U	19 U	20 U	19 U	18 U	18 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	19 U	19 U	20 U	18 U	20 U	18 U	20 U	19 U	20 U	19 U	18 U	18 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	7.9	1.9 U	6.2	1.8 U	12	1.9 U	2	3.2	1.1 J Z
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	19 U	19 U	20 U	18 U	20 U	18 U	20 U	19 U	20 U	9.8 J Z	18 U	18 U
N-Nitrosodiphenylamine	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U	0.83 J Z	1.8 U	1.7	1.9 U	1.7 U	1.7 U	1.7 U
Carbazole	ug/kg	180 U	170 U	190 U	170 U	190 U	190 U	170 U	170 U	190 U	170 U	170 U	170 U
Pentachlorophenol	ug/kg	530 U	520 U	570 U	510 U	560 U	510 U	560 U	510 U	570 U	510 U	510 U	510 U
2,4,6-Trichlorophenol	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
2-Nitroaniline	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
2-Nitrophenol	ug/kg	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.9 U	1.0 J Z	1.9 U	1.7 U	1.8 U	1.7 U	1.9 U	1.7 U	1.7 U	1.7 U
Naphthalene (8270C)	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-129-SA5DN-SB-2.5-3.5	SL-130-SA5DN-SS-0.0-0.5	SL-130-SA5DN-SB-4.0-5.0	SL-131-SA5DN-SS-0.0-0.5	SL-131-SA5DN-SB-3.5-4.5	SL-132-SA5DN-SS-0.0-0.5	SL-132-SA5DN-SB-4.0-5.0	SL-133-SA5DN-SS-0.0-0.5	SL-133-SA5DN-SB-4.0-5.0	SL-134-SA5DN-SS-0.0-0.5	SL-135-SA5DN-SS-0.0-0.5	SL-136-SA5DN-SS-0.0-0.5
		06/29/2011	06/01/2011	05/25/2011	06/02/2011	06/28/2011	06/02/2011	06/28/2011	06/02/2011	05/25/2011	06/02/2011	06/02/2011	06/02/2011
		DE191	DE170	DE162	DE171	DE190	DE171	DE190	DE171	DE162	DE171	DE171	DE171
		2.5	0	4	0	3.5	0	4	0	4	0	0	0
		3.5	0.5	5	0.5	4.5	0.5	5	0.5	5	0.5	0.5	0.5
Naphthalene (8270C SIM)	ug/kq	1.7 U	1.7 U	1.9 U	1.5 J Z	1.9 U	1.7 U	1.8 U	0.75 J Z	1.9 U	1.7 U	0.82 J Z	1.7 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.7 U	1.7 U	1.9 U	1.2 J Z	1.9 U	1.7 U	1.8 U	1.7 U	1.9 U	1.7 U	1.7 U	1.7 U
2-Chloronaphthalene	ug/kq	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
3,3'-Dichlorobenzidine	ug/kq	350 U	350 U	380 U	340 U	380 U	340 U	370 U	340 U	380 U	340 U	340 U	340 U
Benzidine	ug/kq	3500 U	3500 U	3800 U	3400 U	3800 U	3400 U	3700 U	3400 U	3800 U	3400 U	3400 U	3400 U
2-Methylphenol	ug/kq	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
2-Chlorophenol	ug/kq	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
2,4,5-Trichlorophenol	ug/kq	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U
3-Nitroaniline	ug/kq	180 U	170 U	190 U	170 U	190 U	--	190 U	170 U	190 U	170 U	170 U	170 U
Benzyl Alcohol	ug/kq	530 U	520 U	570 U	510 U	560 U	510 U	560 U	510 U	570 U	510 U	510 U	510 U
2,6-Dinitrotoluene	ug/kq	180 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	190 U	170 U	170 U	170 U

Sample Name Sample Date SDG Start Depth End Depth		SL-137-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-138-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-139-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-139-SA5DN-SB-2.0-3.0 05/24/2011 DE161 2 3	SL-140-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-140-SA5DN-SB-2.0-3.0 05/25/2011 DE162 2 3	SL-141-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-141-SA5DN-SB-4.0-5.0 06/28/2011 DE190 4 5	SL-142-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-142-SA5DN-SB-2.0-3.0 05/25/2011 DE162 2 3	SL-143-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-143-SA5DN-SB-4.0-5.0 06/28/2011 DE190 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	33.7 U B	337 U	189	37.2 U	1040	35.6 U	354 U	366 U	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.7 U	1.9 U
2,4-Dinitrotoluene	ug/kg	170 U	170 UJ Q	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Nitrobenzene	ug/kg	170 U	170 UJ Q	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
1,4-Dichlorobenzene	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
1,2,4-Trichlorobenzene	ug/kg	170 U	170 UJ Q	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
1,3-Dichlorobenzene	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Hexachlorobutadiene	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
1,2-Dichlorobenzene	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
4-Nitroaniline	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
4-Nitrophenol	ug/kg	510 U	510 U	500 U	560 U	500 U	530 U	530 U	550 U	520 U	550 U	520 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
2,4-Dimethylphenol	ug/kg	170 U	170 UJ Q	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
4-Methylphenol	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
4-Chloroaniline	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
3,5-Dimethylphenol	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Phenol	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	170 U	170 UJ Q	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	20 J Z	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	10 J Z	18 J FD, Z	18 U	--	72	19 U	63	88	180	20 U	700	16 J Z
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	18 U	19 U	18 U	20 U	18 U	19 U	19 U	20 U	19 U	20 U	13 J Z	6.9 J Z
Hexachlorobenzene	ug/kg	170 U	170 UJ Q	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.7 U	1.9 U	2	1.8 U	2.8	7.8	1.0 J Z	1.8 U	1.8	1.9 U
2,4-Dichlorophenol	ug/kg	170 U	170 UJ Q	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
1,2-Diphenylhydrazine	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	40 J Z	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.3 J Z	1.7 UJ FD	1.7 U	1.9 U	56	1.8 U	--	48	11	1.8 U	12	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	18 U	19 U	18 U	20 U	18 U	19 U	19 U	20 U	19 U	20 U	19 U	20 U
Dibenzofuran	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	170 J Z	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.0 J Z	1.7 UJ FD	1.7 U	1.9 U	15	1.8 U	--	88	4.6	1.8 U	4.3	0.83 J Z
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	230	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.7 U	1.7 UJ FD	1.7 U	1.9 U	16	1.8 U	--	92	4.7	1.8 U	4.2	0.75 J Z
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	81 J Z	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.7	1.7 UJ FD	1.7 U	1.9 U	79	1.8 U	--	74	15	1.8 U	20	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	43 J Z	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.6 J Z	1.7 UJ FD	1.7 U	1.9 U	68	1.8 U	--	50	13	1.8 U	15	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	24 J Z	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.8	1.7 UJ FD	1.7 U	1.9 U	39	1.8 U	--	33	14	1.8 U	31	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	33	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.8 U	0.50 J Z	1.6 J Z	0.35 J Z	1.8 U	0.48 J Z	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	35 J Z	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9	1.7 UJ FD	1.7 U	1.9 U	48	1.8 U	--	41	11	1.8 U	15	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	41 J Z	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.1 J Z	1.7 UJ FD	1.7 U	1.9 U	42	1.8 U	--	42	7.6	1.8 U	9	1.9 U
2,4-Dinitrophenol	ug/kg	1000 U	1000 U	1000 U	1100 U	1000 U	1100 U	1100 U	1100 UJ L	1000 U	1100 U	1000 U	1100 UJ L
4,6-Dinitro-2-Methylphenol	ug/kg	510 U	510 U	500 U	560 U	500 U	530 U	530 U	550 UJ L	520 U	550 U	520 U	570 UJ L
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.7 U	1.7 UJ FD	1.7 U	1.9 U	5.9	1.8 U	2.5	13	1.7	1.8 U	2.2	0.90 J Z
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	25 J Z	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	0.75 J Z	1.7 UJ FD	1.7 U	1.9 U	46	1.8 U	--	30	5.7	1.8 U	6.1	1.9 U
4-Chloro-3-Methylphenol	ug/kg	170 U	170 UJ Q	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Aniline	ug/kg	510 U	510 U	500 U	560 U	500 U	530 U	530 U	550 U	520 U	550 U	520 U	570 U
Benzoic Acid	ug/kg	510 U	510 U	500 U	560 U	500 U	530 U	530 U	550 U	520 U	550 U	520 U	570 U
Hexachloroethane	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
4-Chlorophenyl Phenylether	ug/kg	170 U	170 UJ Q	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Hexachlorocyclopentadiene	ug/kg	510 U	510 U	500 U	560 U	500 U	530 U	530 U	550 U	520 U	550 U	520 U	570 U
Isophorone	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.7 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	18 U	19 U	18 U	20 U	18 U	19 U	19 U	20 U	19 U	20 U	19 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	18 U	19 U	18 U	20 U	18 U	19 U	16 J Z	20 U	19 U	20 U	19 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	48 J Z	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	0.98 J Z	1.7 UJ FD	1.7 U	1.9 U	10	1.8 U	--	33	5.9	1.8 U	7	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	18 U	19 U	18 U	20 U	18 U	19 U	9.3 J Z	20 U	11 J Z	20 U	25	20 U
N-Nitrosodiphenylamine	ug/kg	170 U	170 UJ Q	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.8 U	0.96 J Z	1.8 U	1.7 U	1.8 U	1.9	1.9 U
Carbazole	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Pentachlorophenol	ug/kg	510 U	510 U	500 U	560 U	500 U	530 U	530 U	550 U	520 U	550 U	520 U	570 U
2,4,6-Trichlorophenol	ug/kg	170 U	170 UJ Q	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
2-Nitroaniline	ug/kg	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
2-Nitrophenol	ug/kg	170 U	170 UJ Q	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.8 U	1.7 J Z	1.6 J Z	0.73 J Z	1.8 U	1.1 J Z	1.9 U
Naphthalene (8270C)	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-137-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-138-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-139-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-139-SA5DN-SB-2.0-3.0 05/24/2011 DE161 2 3	SL-140-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-140-SA5DN-SB-2.0-3.0 05/25/2011 DE162 2 3	SL-141-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-141-SA5DN-SB-4.0-5.0 06/28/2011 DE190 4 5	SL-142-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-142-SA5DN-SB-2.0-3.0 05/25/2011 DE162 2 3	SL-143-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-143-SA5DN-SB-4.0-5.0 06/28/2011 DE190 4 5
Naphthalene (8270C SIM)	ug/kq	1.7 U	1.7 U	1.7 U	1.9 U	1.0 J Z	1.8 U	3.6	3.1	1.4 J Z	1.8 U	2	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.7 U	1.7 U	1.7 U	1.9 U	0.70 J Z	1.8 U	2.7	2.3	0.97 J Z	1.8 U	1.3 J Z	1.9 U
2-Chloronaphthalene	ug/kq	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
3,3'-Dichlorobenzidine	ug/kq	340 U	340 U	330 U	370 U	340 U	360 U	350 U	370 U	340 U	370 U	340 U	380 U
Benzidine	ug/kq	3400 U	3400 R Q	3300 U	3700 U	3400 U	3600 U	3500 U	3700 U	3400 U	3700 U	3400 U	3800 U
2-Methylphenol	ug/kq	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
2-Chlorophenol	ug/kq	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
2,4,5-Trichlorophenol	ug/kq	170 U	170 UJ Q	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
3-Nitroaniline	ug/kq	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U
Benzyl Alcohol	ug/kq	510 U	510 U	500 U	560 U	500 U	530 U	530 U	550 U	520 U	550 U	520 U	570 U
2,6-Dinitrotoluene	ug/kq	170 U	170 U	170 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	170 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-144-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-144-SA5DN-SB-2.0-3.0 05/25/2011 DE162 2 3	SL-145-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-145-SA5DN-SB-2.0-3.0 05/24/2011 DE161 2 3	SL-146-SA5DN-SB-2.0-3.0 05/24/2011 DE161 2 3	SL-148-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-149-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-149-SA5DN-SB-4.0-5.0 07/11/2011 DE197 4 5	SL-150-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-150-SA5DN-SB-4.0-5.0 05/24/2011 DE161 4 5	SL-151-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-152-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.7 U	1.8 U	8.6 U	1.8 U	1.9 U	8.7 U	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U
2,4-Dinitrotoluene	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Nitrobenzene	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
1,4-Dichlorobenzene	ug/kg	170 U	180 UJ Q	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
1,2,4-Trichlorobenzene	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
1,3-Dichlorobenzene	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Hexachlorobutadiene	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
1,2-Dichlorobenzene	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
4-Nitroaniline	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
4-Nitrophenol	ug/kg	520 U	550 U	510 U	530 U	580 U	520 U	530 U	550 U	540 U	540 U	510 U	540 U
4-Bromophenyl Phenyl Ether	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
2,4-Dimethylphenol	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
4-Methylphenol	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
4-Chloroaniline	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
3,5-Dimethylphenol	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Phenol	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Bis(2-Chloroethyl) ether	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	93 J Z	--	--	--	30 J Z	--	59 J Z	--	22 J Z	44 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	14 J Z	20 U	--	19 U	21 U	45 J Z	--	8.4 J Z	--	20 U	--	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	170 U	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	18 U	20 U	93 U	19 U	21 U	--	19 U	20 U	19 U	20 U	19 U	19 U
Hexachlorobenzene	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	0.37 J Z	1.8 U	8.6 U	1.8 U	1.9 U	8.7 U	1.8 U	1.8 U	1.0 J Z	1.8 U	0.94 J Z	1.8 U
2,4-Dichlorophenol	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
1,2-Diphenylhydrazine	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	3.6	1.8 U	6.5 J Z	1.8 U	1.9 U	4.8 J Z	1.8 U	1.8 U	16	1.8 U	12	2.1
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	170 U	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	18 U	20 U	93 U	19 U	21 U	--	19 U	20 U	19 U	20 U	19 U	19 U
Dibenzofuran	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.5 J Z	1.8 U	8.0 J Z	1.8 U	1.9 U	3.7 J Z	1.8 U	1.8 U	4.6	1.8 U	3	4.7
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.1 J Z	1.8 U	3.6 J Z	1.8 U	1.9 U	8.7 U	1.8 U	1.8 U	3.6	1.8 U	3	1.6 J Z
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	4.1	1.8 U	10	1.8 U	1.9 U	4.2 J Z	1.8 U	1.8 U	9.6	1.8 U	8.3	3.8
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	4.8	1.8 U	7.5 J Z	1.8 U	1.9 U	6.3 J Z	1.8 U	1.8 U	7.9	1.8 U	15	1.7 J L, Z
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	9.4	1.8 U	4.2 J Z	1.8 U	1.9 U	3.9 J Z	1.0 J Z	1.8 U	12	1.8 U	6.5	0.81 J Z
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.7 U	1.8 U	8.6 U	1.8 U	1.9 U	8.7 U	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	6.2	1.8 U	15	1.8 U	1.9 U	6.0 J Z	0.93 J Z	1.8 U	310	1.8 U	8.5	2.5
bis(2-Chloroisopropyl) ether	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	2.4	1.8 U	4.4 J Z	1.8 U	1.9 U	8.7 U	1.8 U	1.8 U	4.1	1.8 U	5.7	2.4
2,4-Dinitrophenol	ug/kg	1000 U	1100 U	1000 U	1100 U	1200 U	1000 U	1100 U	1100 U	1100 U	1100 U	1000 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	520 U	550 U	510 U	530 U	580 U	520 U	530 U	550 U	540 U	540 U	510 U	540 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.0 J Z	1.8 U	8.6 U	1.8 U	1.9 U	8.7 U	1.8 U	1.8 U	3.1	1.8 U	1.2 J Z	1.8 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.2 J Z	1.8 U	8.6 U	1.8 U	1.9 U	8.7 U	1.8 U	1.8 U	1.8 U	1.8 U	6	0.79 J Z
4-Chloro-3-Methylphenol	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Aniline	ug/kg	520 U	550 U	510 U	530 U	580 U	520 U	530 U	550 U	540 U	540 U	510 U	540 U
Benzoic Acid	ug/kg	520 U	550 U	510 U	530 U	580 U	520 U	530 U	550 U	540 U	540 U	510 U	540 U
Hexachloroethane	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
4-Chlorophenyl Phenylether	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Hexachlorocyclopentadiene	ug/kg	520 U	550 U	510 U	530 U	580 U	520 U	530 U	550 U	540 U	540 U	510 U	540 U
Isophorone	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.7 U	1.8 U	8.6 U	1.8 U	1.9 U	8.7 U	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	170 U	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	18 U	20 U	93 U	19 U	21 U	--	19 U	20 U	19 U	20 U	19 U	19 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	170 U	--	180 U	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	18 U	20 U	93 U	19 U	21 U	--	19 U	--	19 U	20 U	19 U	19 UJ L
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	2.5	1.8 U	3.7 J Z	1.8 U	1.9 U	8.7 U	1.8 U	1.8 U	7.1	1.8 U	7.4	1.2 J Z
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	170 U	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	18 U	20 U	93 U	19 U	21 U	--	19 U	20 U	9.1 J Z	20 U	19 U	19 U
N-Nitrosodiphenylamine	ug/kg	170 U	180 UJ Q	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.7 U	1.8 U	8.6 U	1.8 U	1.9 U	8.7 U	1.8 U	1.8 U	1.5 J Z	1.8 U	1.7 U	1.8 U
Carbazole	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Pentachlorophenol	ug/kg	520 U	550 U	510 U	530 U	580 U	520 U	530 U	550 U	540 U	540 U	510 U	540 U
2,4,6-Trichlorophenol	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
2-Nitroaniline	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
2-Nitrophenol	ug/kg	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.7 U	1.8 U	8.6 U	1.8 U	1.9 U	8.7 U	1.8 U	1.8 U	1.3 J Z	1.8 U	1.7 U	1.8 U
Naphthalene (8270C)	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-144-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-144-SA5DN-SB-2.0-3.0 05/25/2011 DE162 2 3	SL-145-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-145-SA5DN-SB-2.0-3.0 05/24/2011 DE161 2 3	SL-146-SA5DN-SB-2.0-3.0 05/24/2011 DE161 2 3	SL-148-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-149-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-149-SA5DN-SB-4.0-5.0 07/11/2011 DE197 4 5	SL-150-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-150-SA5DN-SB-4.0-5.0 05/24/2011 DE161 4 5	SL-151-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-152-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5
Naphthalene (8270C SIM)	ug/kq	0.71 J Z	1.8 U	8.6 U	1.8 U	1.9 U	8.7 U	1.8 U	1.8 U	2.5	1.8 U	1.4 J Z	1.8 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.7 U	1.8 U	8.6 U	1.8 U	1.9 U	8.7 U	1.8 U	1.8 U	1.8	1.8 U	0.78 J Z	1.8 U
2-Chloronaphthalene	ug/kq	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
3,3'-Dichlorobenzidine	ug/kq	350 U	370 U	340 U	350 U	390 U	350 U	350 U	370 U	360 U	360 U	340 U	360 U
Benzidine	ug/kq	3500 U	3700 UJ Q	3400 U	3500 U	3900 U	3500 U	3500 U	3700 U	3600 U	3600 U	3400 U	3600 U
2-Methylphenol	ug/kq	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
2-Chlorophenol	ug/kq	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
2,4,5-Trichlorophenol	ug/kq	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
3-Nitroaniline	ug/kq	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U
Benzyl Alcohol	ug/kq	520 U	550 U	510 U	530 U	580 U	520 U	530 U	550 U	540 U	540 U	510 U	540 U
2,6-Dinitrotoluene	ug/kq	170 U	180 U	170 U	180 U	190 U	170 U	180 U	180 U	180 U	180 U	170 U	180 U

Sample Name Sample Date SDG Start Depth End Depth		SL-152-SA5DN-SB-2.5-3.5 06/29/2011 DE191 2.5 3.5	SL-153-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-153-SA5DN-SB-4.0-5.0 08/08/2011 DE219 4 5	SL-153-SA5DN-SB-7.0-8.0 08/08/2011 DE219 7 8	SL-154-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-154-SA5DN-SB-4.0-5.0 06/29/2011 DE191 4 5	SL-154-SA5DN-SB-9.0-10.0 06/29/2011 DE191 9 10	SL-155-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-155-SA5DN-SB-4.0-5.0 07/08/2011 DE196 4 5	SL-155-SA5DN-SB-9.0-10.0 07/08/2011 DE196 9 10	SL-156-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-156-SA5DN-SB-4.0-5.0 07/08/2011 DE196 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.7 U	1.9 U	2.0 U	1.9 U	1.9 U
2,4-Dinitrotoluene	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	190 U
Nitrobenzene	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 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	190 U	170 U Q	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	190 U	170 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	190 U	170 U	190 U	190 U	180 U	190 U
Hexachlorobutadiene	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 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	190 U	170 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	190 U	170 U	190 U	190 U	180 U	190 U
4-Nitrophenol	ug/kg	550 U	540 U	580 U	570 U	540 U	570 U	580 U	520 U	560 U	580 U	550 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 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	190 U	170 U Q	190 U	190 U	180 U	190 U
4-Methylphenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 U Q	190 U	190 U	180 U	190 U
4-Chloroaniline	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 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	190 U	170 U	190 U	190 U	180 U	190 U
Phenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 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	190 U	170 U	190 U	190 U	180 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	180 U	190 U J L	190 U J L	180 U	190 U	190 U	170 U	190 U	190 U	180 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	24 J Z	--	--	25 J Z	--	--	23 J Z	--	--	44 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	7.4 J Z	--	21 U	12 J Z	--	6.9 J Z	8.1 J Z	--	9.2 J Z	9.1 J Z	--	8.5 J Z
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 U	19 U	21 U	20 U	20 U	20 U	21 U	19 U	21 U	21 U	20 U	21 U
Hexachlorobenzene	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.7 U	1.9 U	2.0 U	1.9 U	1.9 U
2,4-Dichlorophenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	180 U	170 U J Q	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	190 U	170 U	190 U	190 U	180 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.8 U	1.6 J Z	1.9 U	1.9 U	1.6 J Z	1.9 U	1.9 U	1.7	1.9 U	2.0 U	2.9	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	19 U	21 U	20 U	20 U	20 U	21 U	19 U	21 U	21 U	20 U	21 U
Dibenzofuran	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 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	1.8 U	0.99 J Z	1.9 U	1.9 U	0.77 J Z	1.9 U	1.9 U	1.7 U	1.9 U	2.0 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	1.8 U	0.90 J Z	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.7 U	1.9 U	2.0 U	0.90 J Z	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.8 U	3.7	1.9 U	1.9 U	3	1.9 U	1.9 U	4.1	1.9 U	2.0 U	4.3	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.8 U	2.4 J L	1.9 U	1.9 U	1.9 J L	1.9 U	1.9 U	2.6 J L	1.9 U	2.0 U	4.5 J L	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	0.84 J Z	1.9 U	1.9 U	0.73 J Z	1.9 U	2.0 U	1.1 J Z	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.7 U	1.9 U	2.0 U	1.9 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.8 U	1.9	1.9 U	1.9 U	2	1.9 U	1.9 U	5.4 J FD	1.9 U	2.0 U	3	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.8 U	1.0 J Z	1.9 U	1.9 U	1.1 J Z	1.9 U	1.9 U	1.1 J Z	1.9 U	2.0 U	1.5 J Z	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U J L	1100 U	1200 U	1100 U	1100 U	1100 U J L	1200 U J L	1000 U	1100 U J Q	1200 U	1100 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	550 U J L	540 U	580 U J L	570 U J L	540 U	570 U J L	580 U J L	520 U	560 U	580 U	550 U	570 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.7 U	1.9 U	2.0 U	1.9 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.8 U	0.79 J Z	1.9 U	1.9 U	1.0 J Z	1.9 U	1.9 U	1.7 U J FD	1.9 U	2.0 U	1.5 J Z	1.9 U
4-Chloro-3-Methylphenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 U J Q	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	190 U	170 U	190 U	190 U	180 U	190 U
Aniline	ug/kg	550 U	540 U	580 U	570 U	540 U	570 U	580 U	520 U	560 U	580 U	550 U	570 U
Benzoic Acid	ug/kg	550 U	540 U	580 U J L	570 U J L	540 U	570 U	580 U	520 U	560 U	580 U	550 U	570 U
Hexachloroethane	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 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	190 U	170 U J Q	190 U	190 U	180 U	190 U
Hexachlorocyclopentadiene	ug/kg	550 U	540 U	580 U	570 U	540 U	570 U	580 U	520 U	560 U	580 U	550 U	570 U
Isophorone	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.7 U	1.9 U	2.0 U	1.9 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	19 U	21 U	20 U	20 U	20 U	21 U	19 U	21 U	21 U	20 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	190 U	190 U	--	190 U
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	19 U J L	21 U	20 U	20 U J L	20 U	21 U	19 U J L	--	--	20 U J L	--
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.8 U	2.1	1.9 U	1.9 U	0.98 J Z	1.9 U	1.9 U	1.6 J Z	1.9 U	2.0 U	3.4	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	19 U	21 U	20 U	20 U	20 U	21 U	19 U	21 U	21 U	20 U	21 U
N-Nitrosodiphenylamine	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 U J Q	190 U	190 U	180 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.7 U	1.9 U	2.0 U	1.9 U	1.9 U
Carbazole	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	190 U
Pentachlorophenol	ug/kg	550 U	540 U	580 U	570 U	540 U	570 U	580 U	520 U	560 U	580 U	550 U	570 U
2,4,6-Trichlorophenol	ug/kg	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 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	190 U	170 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	190 U	170 U	190 U	190 U	180 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.7 U	1.9 U	2.0 U	1.9 U	1.9 U
Naphthalene (8270C)	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-152-SA5DN-SB-2.5-3.5	SL-153-SA5DN-SS-0.0-0.5	SL-153-SA5DN-SB-4.0-5.0	SL-153-SA5DN-SB-7.0-8.0	SL-154-SA5DN-SS-0.0-0.5	SL-154-SA5DN-SB-4.0-5.0	SL-154-SA5DN-SB-9.0-10.0	SL-155-SA5DN-SS-0.0-0.5	SL-155-SA5DN-SB-4.0-5.0	SL-155-SA5DN-SB-9.0-10.0	SL-156-SA5DN-SS-0.0-0.5	SL-156-SA5DN-SB-4.0-5.0
		06/29/2011	06/03/2011	08/08/2011	08/08/2011	06/03/2011	06/29/2011	06/29/2011	06/03/2011	07/08/2011	07/08/2011	06/03/2011	07/08/2011
		DE191	DE173	DE219	DE219	DE173	DE191	DE191	DE173	DE196	DE196	DE173	DE196
		2.5	0	4	7	0	4	9	0	4	9	0	4
		3.5	0.5	5	8	0.5	5	10	0.5	5	10	0.5	5
Naphthalene (8270C SIM)	ug/kq	1.8 U	1.0 J Z	1.9 U	1.9 U	1.8 U F	1.9 U	1.9 U	0.96 J Z	1.9 U	2.0 U	1.5 J Z	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.8 U	1.8 U	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U	1.7 U	1.9 U	2.0 U	1.0 J Z	1.9 U
2-Chloronaphthalene	ug/kq	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	190 U
3,3'-Dichlorobenzidine	ug/kq	370 U	360 U	380 U	380 U	360 U	380 U	390 U	350 U	380 U	390 U	370 U	380 U
Benzidine	ug/kq	3700 U	3600 U	3800 U	3800 U	3600 U	3800 U	3900 U	3500 R Q	3800 U	3900 U	3700 U	3800 U
2-Methylphenol	ug/kq	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 UJ Q	190 U	190 U	180 U	190 U
2-Chlorophenol	ug/kq	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	190 U
2,4,5-Trichlorophenol	ug/kq	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 UJ Q	190 U	190 U	180 U	190 U
3-Nitroaniline	ug/kq	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	190 U
Benzyl Alcohol	ug/kq	550 U	540 U	580 U	570 U	540 U	570 U	580 U	520 U	560 U	580 U	550 U	570 U
2,6-Dinitrotoluene	ug/kq	180 U	180 U	190 U	190 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-156-SA5DN-SB-9.0-10.0 07/08/2011 DE196 9 10	SL-157-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-157-SA5DN-SB-4.0-5.0 07/08/2011 DE196 4 5	SL-157-SA5DN-SB-9.0-10.0 07/08/2011 DE196 9 10	SL-158-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-158-SA5DN-SB-4.0-5.0 07/08/2011 DE196 4 5	SL-158-SA5DN-SB-9.0-10.0 07/08/2011 DE196 9 10	SL-159-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-159-SA5DN-SB-4.0-5.0 07/08/2011 DE196 4 5	SL-159-SA5DN-SB-9.0-10.0 07/08/2011 DE196 9 10	SL-160-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-160-SA5DN-SB-4.0-5.0 08/02/2011 DE214 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.7 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Nitrobenzene	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Hexachlorobutadiene	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
4-Nitroaniline	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
4-Nitrophenol	ug/kg	570 U	560 U	570 U	580 U	540 U	560 U	570 U	560 U	580 U	570 U	520 U	560 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
4-Methylphenol	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
4-Chloroaniline	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Phenol	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	61 J Z	--	--	19 J Z	--	--	31 J Z	--	--	350 U	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	7.7 J Z	--	8.4 J Z	11 J Z	--	8.9 J Z	17 J Z	--	8.9 J Z	16 J Z	--	20 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	20 U	20 U	21 U	19 U	20 U	21 U	20 U	8.8 J Z	9.2 J Z	19 U	20 U
Hexachlorobenzene	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.7 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	1.3 J Z	1.9 U	2.0 U	1.0 J Z	1.9 U	1.9 U	3.4	1.9 U	1.9 U	1.7 U	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	20 U	20 U	21 U	19 U	20 U	21 U	20 U	21 U	21 U	19 U	20 U
Dibenzofuran	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 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 U	2.0 U	1.8 U	1.9 U	1.9 U	1.2 J Z	1.9 U	1.9 U	1.7 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	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.1 J Z	1.9 U	1.9 U	1.7 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	2.5	1.9 U	2.0 U	2.6	1.9 U	1.9 U	5.3	1.9 U	1.9 U	1.1 J Z	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	1.8 J L, Z	1.9 U	2.0 U	1.5 J L, Z	1.9 U	1.9 U	4.4 J L	1.9 U	1.9 U	1.7 UJ L	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.5 J Z	1.9 U	1.9 U	1.7 U	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.7 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	1.8 J Z	1.9 U	2.0 U	1.5 J Z	1.9 U	1.9 U	3.2	1.9 U	1.9 U	1.1 J Z	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	0.76 J Z	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	2.2	1.9 U	1.9 U	1.7 U	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1100 U	1200 U	1100 U	1100 U	1100 U	1100 U	1200 U	1100 U	1000 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	570 U	560 U	570 U	580 U	540 U	560 U	570 U	560 U	580 U	570 U	520 U	560 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.7 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9	1.9 U	1.9 U	1.7 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Aniline	ug/kg	570 U	560 U	570 U	580 U	540 U	560 U	570 U	560 U	580 U	570 U	520 U	560 U
Benzoic Acid	ug/kg	570 U	560 U	570 U	580 U	540 U	560 U	570 U	560 U	580 U	570 U	520 U	560 U
Hexachloroethane	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Hexachlorocyclopentadiene	ug/kg	570 U	560 U	570 U	580 U	540 U	560 U	570 U	560 U	580 U	570 U	520 U	560 U
Isophorone	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.7 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	20 U	20 U	21 U	19 U	20 U	21 U	20 U	21 U	21 U	19 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	190 U	--	190 U	190 U	--	190 U	190 U	--	190 U	190 U	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	--	20 UJ L	--	--	19 UJ L	--	--	20 UJ L	--	--	19 UJ L	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	1.2 J Z	1.9 U	2.0 U	1.4 J Z	1.9 U	1.9 U	2.9	1.9 U	1.9 U	1.7 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	20 U	20 U	21 U	19 U	20 U	7.3 J Z	20 U	21 U	21 U	19 U	20 U
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.7 U	1.9 U
Carbazole	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Pentachlorophenol	ug/kg	570 U	560 U	570 U	580 U	540 U	560 U	570 U	560 U	580 U	570 U	520 U	560 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
2-Nitroaniline	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
2-Nitrophenol	ug/kg	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.7 U	1.9 U
Naphthalene (8270C)	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-156-SA5DN-SB-9.0-10.0 07/08/2011 DE196 9 10	SL-157-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-157-SA5DN-SB-4.0-5.0 07/08/2011 DE196 4 5	SL-157-SA5DN-SB-9.0-10.0 07/08/2011 DE196 9 10	SL-158-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-158-SA5DN-SB-4.0-5.0 07/08/2011 DE196 4 5	SL-158-SA5DN-SB-9.0-10.0 07/08/2011 DE196 9 10	SL-159-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-159-SA5DN-SB-4.0-5.0 07/08/2011 DE196 4 5	SL-159-SA5DN-SB-9.0-10.0 07/08/2011 DE196 9 10	SL-160-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-160-SA5DN-SB-4.0-5.0 08/02/2011 DE214 4 5
Naphthalene (8270C SIM)	ug/kq	1.9 U	0.99 J Z	1.9 U	2.0 U	0.97 J Z	1.9 U	1.9 U	1.1 J Z	1.9 U	1.9 U	1.7 U F	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.7 U	1.9 U
2-Chloronaphthalene	ug/kq	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
3,3'-Dichlorobenzidine	ug/kq	380 U	370 U	380 U	390 U	360 U	370 U	380 U	370 U	380 U	380 U	350 U	380 U
Benzidine	ug/kq	3800 U	3700 U	3800 U	3900 U	3600 U	3700 U	3800 U	3700 U	3800 U	3800 U	3500 U	3800 U
2-Methylphenol	ug/kq	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
2-Chlorophenol	ug/kq	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
2,4,5-Trichlorophenol	ug/kq	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
3-Nitroaniline	ug/kq	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U
Benzyl Alcohol	ug/kq	570 U	560 U	570 U	580 U	540 U	560 U	570 U	560 U	580 U	570 U	520 U	560 U
2,6-Dinitrotoluene	ug/kq	190 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	170 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-162-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-162-SA5DN-SB-4.0-5.0 08/02/2011 DE214 4 5	SL-162-SA5DN-SB-9.0-10.0 08/02/2011 DE214 9 10	SL-164-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-164-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-164-SA5DN-SB-9.0-10.0 07/07/2011 DE195 9 10	SL-165-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-165-SA5DN-SB-4.0-5.0 06/29/2011 DE191 4 5	SL-165-SA5DN-SB-9.0-10.0 06/29/2011 DE191 9 10	SL-166-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-166-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-166-SA5DN-SB-9.0-10.0 07/07/2011 DE195 9 10
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	2.1	1.9 U	1.8 U	1.9 U	1.9 U	9.0 U	1.9 U	1.7 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	180 U	190 U	1800 U	180 U	190 U	190 U
Nitrobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
Hexachlorobutadiene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
4-Nitroaniline	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
4-Nitrophenol	ug/kg	560 U	560 U	580 U	550 U	570 U	570 U	540 U	560 U	5300 U	550 U	570 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
4-Methylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
4-Chloroaniline	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
Phenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	24 J Z	--	--	--	--	--	24 J Z	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	20 U	16 J Z	19 J Z	--	21 U B	21 U B	64 J Z	7.5 J Z	19 U	--	21 U B	21 U B
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	180 U	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 U	7.5 J Z	21 U	20 U	21 U	21 U	--	20 U	19 U	20 U	21 U	21 U
Hexachlorobenzene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	8.8	1.9 U	1.8 U	1.9 U	1.9 U	2.5 J Z	1.9 U	1.7 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	180 U	190 U	1800 U	180 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	9.8	1.9 U	1.8	1.9 U	1.9 U	43	1.9 U	2.3	1.6 J Z	1.9 U	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	180 U	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	9.8 J Z	21 U	20 U	21 U	21 U	--	20 U	19 U	20 U	21 U	21 U
Dibenzofuran	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 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	5.9	1.9 U	1.1 J Z	1.9 U	1.9 U	22	1.9 U	1.3 J Z	0.86 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	5.9	1.9 U	1.1 J Z	1.9 U	1.9 U	15	1.9 U	1.1 J Z	1.9 U	1.9 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.2 J Z	7.1	1.9 U	1.6 J Z	1.9 U	1.9 U	43	1.9 U	2.3	3.7	1.9 U	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 UJ L	10	1.9 U	1.8	1.9 U	1.9 U	46	1.9 U	2.3	2.3 J L	1.9 U	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	6.2	1.9 U	1.8 U	1.9 U	1.9 U	15	1.9 U	0.95 J Z	0.92 J Z	1.9 U	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	2.9	1.9 U	1.8 U	1.9 U	1.9 U	9.0 U	1.9 U	1.7 U	1.9 U	1.9 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	8.5	1.9 U	1.8	1.9 U	1.9 U	32	1.9 U	1.5 J Z	2.7	1.9 U	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	5.9	1.9 U	0.83 J Z	1.9 U	1.9 U	28	1.9 U	1.8	1.1 J Z	1.9 U	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1200 U	1100 U	1100 UJ L	1100 UJ L	1100 U	1100 UJ L	11000 UJ L	1100 U	1100 UJ L	1200 UJ L
4,6-Dinitro-2-Methylphenol	ug/kg	560 U	560 U	580 U	550 U	570 U	570 U	540 U	560 UJ L	5300 UJ L	550 U	570 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	5.7	1.9 U	1.8 U	1.9 U	1.9 U	5.8 J Z	1.9 U	1.7 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	7.8	1.9 U	0.77 J Z	1.9 U	1.9 U	20	1.9 U	1.3 J Z	1.9 U	1.9 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
Aniline	ug/kg	560 U	560 U	580 U	550 U	570 U	570 U	540 U	560 U	5300 U	550 U	570 U	580 U
Benzoic Acid	ug/kg	560 U	560 U	580 U	550 U	570 U	570 U	540 U	560 U	5300 U	550 U	570 U	580 U
Hexachloroethane	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	560 U	560 U	580 U	550 U	570 U	570 U	540 U	560 U	5300 U	550 U	570 U	580 U
Isophorone	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	3.2	1.9 U	1.8 U	1.9 U	1.9 U	9.0 U	1.9 U	1.7 U	1.9 U	1.9 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	180 U	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	12 J Z	21 U	20 U	21 U	21 U	--	20 U	19 U	20 U	21 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	190 U	190 U	180 U	--	--	--	190 U	190 U
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 UJ L	14 J Z	21 U	20 U	--	--	--	20 U	19 U	20 UJ L	--	--
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	14	1.9 U	1.2 J Z	1.9 U	1.9 U	14	1.9 U	1.1 J Z	1.6 J Z	1.9 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	180 U	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	11 J Z	21 U	6.9 J Z	21 U	21 U	--	20 U	19 U	20 U	21 U	21 U
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	8.8	1.9 U	1.8 U	1.9 U	1.9 U	9.0 U	1.9 U	1.7 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	180 U	190 U	1800 U	180 U	190 U	190 U
Pentachlorophenol	ug/kg	560 U	560 U	580 U	550 U	570 U	570 U	540 U	560 U	5300 U	550 U	570 U	580 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
2-Nitroaniline	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
2-Nitrophenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	1.5 J Z	1.9 U	1.8 U	1.9 U	1.9 U	9.0 U	1.9 U	1.7 U	1.9 U	1.9 U	1.9 U
Naphthalene (8270C)	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-162-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-162-SA5DN-SB-4.0-5.0 08/02/2011 DE214 4 5	SL-162-SA5DN-SB-9.0-10.0 08/02/2011 DE214 9 10	SL-164-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-164-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-164-SA5DN-SB-9.0-10.0 07/07/2011 DE195 9 10	SL-165-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-165-SA5DN-SB-4.0-5.0 06/29/2011 DE191 4 5	SL-165-SA5DN-SB-9.0-10.0 06/29/2011 DE191 9 10	SL-166-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-166-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-166-SA5DN-SB-9.0-10.0 07/07/2011 DE195 9 10
Naphthalene (8270C SIM)	ug/kg	1.9 U	3.5	1.9 U	1.8 U	1.9 U	1.9 U	9.0 U	1.9 U	1.7 U	1.4 J Z	1.9 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	1.8 J Z	1.9 U	1.8 U	1.9 U	1.9 U	9.0 U	1.9 U	1.7 U	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	180 U	190 U	1800 U	180 U	190 U	190 U
3,3'-Dichlorobenzidine	ug/kg	370 U	370 U	380 U	370 U	380 U	380 U	360 U	380 U	3500 U	370 U	380 U	390 U
Benzidine	ug/kg	3700 U	3700 U	3800 U	3700 U	3800 U	3800 U	3600 U	3800 U	35000 U	3700 U	3800 U	3900 U
2-Methylphenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
2-Chlorophenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
3-Nitroaniline	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U
Benzyl Alcohol	ug/kg	560 U	560 U	580 U	550 U	570 U	570 U	540 U	560 U	5300 U	550 U	570 U	580 U
2,6-Dinitrotoluene	ug/kg	190 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	1800 U	180 U	190 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-167-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-167-SA5DN-SB-9.0-10.0 07/07/2011 DE195 9 10	SL-168-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-168-SA5DN-SB-9.0-10.0 07/07/2011 DE195 9 10	SL-169-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-169-SA5DN-SB-7.5-8.5 07/07/2011 DE195 7.5 8.5	SL-170-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-170-SA5DN-SB-4.0-5.0 08/01/2011 DE213 4 5	SL-170-SA5DN-SB-9.0-10.0 08/01/2011 DE213 9 10	SL-171-SA5DN-SS-0.0-0.5 05/26/2011 DE213 0 0.5	SL-172-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-172-SA5DN-SB-4.0-5.0 07/28/2011 DE211 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	355 U	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	8.6 U	1.8 U	1.9 U	8.9 U	9.0 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Nitrobenzene	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Hexachlorobutadiene	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
4-Nitroaniline	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
4-Nitrophenol	ug/kg	580 U	570 U	590 U	570 U	600 U	570 U	510 U	550 U	580 U	530 U	540 U	560 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
4-Methylphenol	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
4-Chloroaniline	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Phenol	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	390 U	--	--	--	--	380 U	18 J Z	42 J Z	--	31 J Z	28 J Z	28 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	--	21 U B	21 U B	21 U B	21 U B	--	--	--	25	--	--	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	170 U	--	--	180 U	180 U	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	21 U	21 U	20 U	--	20 U	21 U	--	--	20 U
Hexachlorobenzene	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	8.6 U	19	1.9 U	8.9 U	9.0 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	44 J Z	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	0.88 J Z	2.0 U	1.9 U	8.6 U	130	1.9 U	--	7.1 J Z	2.4
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	170 U	--	--	180 U	180 U	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	21 U	21 U	20 U	--	20 U	21 U	--	--	20 U
Dibenzofuran	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	25 J Z	--	23 J Z	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	8.6 U	--	1.9 U	--	9.0 U	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	20 J Z	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	8.6 U	--	1.9 U	8.9 U	9.0 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	39 J Z	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	0.88 J Z	2.0 U	1.9 U	8.6 U	89	1.1 J Z	--	4.9 J Z	1.4 J Z
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	43 J Z	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	0.87 J Z	2.0 U	1.9 U	8.6 U	140	1.9 U	--	4.9 J Z	3.0
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	24 J Z	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	8.6 U	40	1.9 U	--	9.0 U	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	8.6 U	1.8 U	1.9 U	8.9 U	9.0 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	40 J Z	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	0.76 J Z	2.0 U	1.9 U	8.6 U	74	0.75 J Z	--	4.7 J Z	1.7 J Z
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	31 J Z	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	8.6 U	62	1.9 U	--	9.0 U	0.83 J Z
2,4-Dinitrophenol	ug/kg	1200 UJ L	1100 UJ L	1200 UJ L	1100 UJ L	1200 UJ L	1100 UJ L	1000 U	1100 U	1200 U	1100 U	1100 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	570 U	590 U	570 U	600 U	570 U	510 U	550 U	580 U	530 U	540 U	560 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	2.0 U	1.9 U	8.6 U	5.7	1.9 U	--	8.9 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	35 J Z	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	8.6 U	67	1.9 U	--	3.7 J Z	0.80 J Z
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Aniline	ug/kg	580 U	570 U	590 U	570 U	600 U	570 U	510 U	550 U	580 U	530 U	540 U	560 U
Benzoic Acid	ug/kg	580 U	570 U	590 U	570 U	600 U	570 U	510 U	550 U	580 U	530 U	540 U	560 U
Hexachloroethane	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Hexachlorocyclopentadiene	ug/kg	580 U	570 U	590 U	570 U	600 U	570 U	510 U	550 U	580 U	530 U	540 U	560 U
Isophorone	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	8.6 U	1.8 U	1.9 U	8.9 U	9.0 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	170 U	--	--	180 U	180 U	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	21 U	21 U	20 U	--	20 U	21 U	--	--	20 U
Di-n-Butylphthalate (8270C)	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	--	--	180 U	180 U	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	--	--	--	--	--	--	--	20 U	21 U	--	--	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	0.92 J Z	2.0 U	1.9 U	8.6 U	75	1.9 U	8.9 U	9.0 U	1.7 J Z
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	170 U	--	--	180 U	180 U	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	21 U	21 U	20 U	--	20 U	21 U	--	--	20 U
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	8.6 U	4.4	1.9 U	8.9 U	9.0 U	1.9 U
Carbazole	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Pentachlorophenol	ug/kg	580 U	570 U	590 U	570 U	600 U	570 U	510 U	550 U	580 U	530 U	540 U	560 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
2-Nitroaniline	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
2-Nitrophenol	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	8.6 U	1.8 U	1.9 U	8.9 U	9.0 U	1.9 U
Naphthalene (8270C)	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-167-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-167-SA5DN-SB-9.0-10.0 07/07/2011 DE195 9 10	SL-168-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-168-SA5DN-SB-9.0-10.0 07/07/2011 DE195 9 10	SL-169-SA5DN-SB-4.0-5.0 07/07/2011 DE195 4 5	SL-169-SA5DN-SB-7.5-8.5 07/07/2011 DE195 7.5 8.5	SL-170-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-170-SA5DN-SB-4.0-5.0 08/01/2011 DE213 4 5	SL-170-SA5DN-SB-9.0-10.0 08/01/2011 DE213 9 10	SL-171-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-172-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-172-SA5DN-SB-4.0-5.0 07/28/2011 DE211 4 5
Naphthalene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	8.6 U	0.81 J Z	1.9 U	8.9 U	9.0 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	1.9 U	2.0 U	1.9 U	2.0 U	1.9 U	8.6 U	1.8 U	1.9 U	8.9 U	9.0 U	1.9 U
2-Chloronaphthalene	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
3,3'-Dichlorobenzidine	ug/kg	390 U	380 U	390 U	380 U	400 U	380 U	340 U	370 U	390 U	350 U	360 U	370 U
Benzidine	ug/kg	3900 U	3800 U	3900 U	3800 U	4000 U	3800 U	3400 U	3700 U	3900 U	3500 U	3600 U	3700 U
2-Methylphenol	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
2-Chlorophenol	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
2,4,5-Trichlorophenol	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
3-Nitroaniline	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U
Benzyl Alcohol	ug/kg	580 U	570 U	590 U	570 U	600 U	570 U	510 U	550 U	580 U	530 U	540 U	560 U
2,6-Dinitrotoluene	ug/kg	190 U	190 U	200 U	190 U	200 U	190 U	170 U	180 U	190 U	180 U	180 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-172-SA5DN-SB-9.0-10.0 07/28/2011 DE211 9 10	SL-173-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-173-SA5DN-SB-4.0-5.0 08/01/2011 DE213 4 5	SL-173-SA5DN-SB-9.0-10.0 08/01/2011 DE213 9 10	SL-174-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-174-SA5DN-SB-4.0-5.0 07/29/2011 DE212 4 5	SL-174-SA5DN-SB-9.0-10.0 07/29/2011 DE212 9 10	SL-175-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-175-SA5DN-SB-4.0-5.0 08/01/2011 DE213 4 5	SL-175-SA5DN-SB-9.0-10.0 08/01/2011 DE213 9 10	SL-176-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-176-SA5DN-SB-4.0-5.0 08/01/2011 DE213 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	358 U	370 J FD	38.3 U	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	2.0 U	8.8 U	1.9 U	1.9 U	8.7 U	9.7 U	1.9 U	1.8 U	1.9 U	1.9 U	1.7 U	1.8 U
2,4-Dinitrotoluene	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Nitrobenzene	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
1,4-Dichlorobenzene	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
1,2,4-Trichlorobenzene	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
1,3-Dichlorobenzene	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U O	190 U	170 U	180 U
Hexachlorobutadiene	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
1,2-Dichlorobenzene	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
4-Nitroaniline	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
4-Nitrophenol	ug/kg	590 U	530 U	580 U	570 U	520 U	580 U	580 U	540 U	550 U	570 U	520 U	550 U
4-Bromophenyl Phenyl Ether	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
2,4-Dimethylphenol	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
4-Methylphenol	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
4-Chloroaniline	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
3,5-Dimethylphenol	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Phenol	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Bis(2-Chloroethyl) ether	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	26 J Z	--	--	20 J Z	--	--	34 J Z	--	--	22 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	15 J Z	--	8.8 J Z	13 J Z	--	56 J Z	13 J Z	--	13 J Z	10 J Z	--	20 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	180 U	--	--	170 U	190 U	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	--	21 U	21 U	--	--	21 U	19 U	20 U	21 U	19 U	20 U
Hexachlorobenzene	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	4.3	2.9 J Z	1.9 U	1.9 U	8.7 U	30	0.39 J Z	1.8 U	1.8 U	1.9 U	1.7 U	1.8 U
2,4-Dichlorophenol	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
1,2-Diphenylhydrazine	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Pyrene (8270C)	ug/kg	--	55 J Z	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	9.5	--	1.9 U	1.9 U	8.7 U	160	0.91 J Z	2	0.87 J Z	1.9 U	2.1	1.8 U
Dimethylphthalate (8270C)	ug/kg	--	180 U	--	--	170 U	190 U	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	--	21 U	21 U	--	--	21 U	19 U	20 U	21 U	19 U	20 U
Dibenzofuran	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	21 J Z	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	2.8	--	1.9 U	1.9 U	8.7 U	20	1.9 U	0.88 J Z	1.4 J FD, Z	1.9 U	1.7 U	1.8 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	3.2	7.9 J Z	1.9 U	1.9 U	8.7 U	5.7 J Z	1.9 U	1.8 U	1.8 U	1.9 U	1.7 U	1.8 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	34 J Z	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	8.3	--	0.84 J Z	1.9 U	8.7 U	20	1.9 U	2	2	1.9 U	1.5 J Z	1.9
Fluoranthene (8270C)	ug/kg	--	69 J Z	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	10	--	1.9 U	1.9 U	8.7 U	24	1.9 U	2.2	0.86 J Z	1.9 U	2.3	1.8 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	6	7.4 J Z	1.9 U	1.9 U	8.7 U	9.7 U	1.9 U	0.79 J Z	1.8 U	1.9 U	1.7 U	1.8 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	2.0 U	8.8 U	1.9 U	1.9 U	8.7 U	7.0 J Z	1.9 U	1.8 U	1.8 U	1.9 U	1.7 U	1.8 U
Chrysene (8270C)	ug/kg	--	35 J Z	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	7.8	--	0.78 J Z	1.9 U	1.8 J Z	64	0.42 J Z	1.4 J Z	1.0 J FD, Z	1.9 U	1.4 J Z	2.1
bis(2-Chloroisopropyl) ether	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Benzo(a)pyrene (8270C)	ug/kg	--	23 J Z	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	6.4	--	1.9 U	1.9 U	8.7 U	35	1.9 U	0.83 J Z	0.83 J FD, Z	1.9 U	0.87 J Z	1.8 U
2,4-Dinitrophenol	ug/kg	1200 U	1100 U	1200 U	1100 U	1000 U	1200 U	1200 U	1100 U	1100 U	1100 U	1000 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	590 U	530 U	580 U	570 U	520 U	580 U	580 U	540 U	550 U	570 U	520 U	550 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	2.9	4.3 J Z	1.9 U	1.9 U	8.7 U	6.4 J Z	1.9 U	1.8 U	1.8 U	1.9 U	1.7 U	1.8 U
Benzo(a)anthracene (8270C)	ug/kg	--	31 J Z	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	7.4	--	1.9 U	1.9 U	8.7 U	41	1.9 U	0.79 J Z	1.8 U	1.9 U	0.97 J Z	1.8 U
4-Chloro-3-Methylphenol	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Aniline	ug/kg	590 U	530 U	580 U	570 U	520 U	580 U	580 U	540 U	550 U	570 U	520 U	550 U
Benzoic Acid	ug/kg	590 U	530 U	580 U	570 U	520 U	580 U	580 U	540 U	550 U	570 U	520 U	550 U
Hexachloroethane	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
4-Chlorophenyl Phenylether	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Hexachlorocyclopentadiene	ug/kg	590 U	530 U	580 U	570 U	520 U	580 U	580 U	540 U	550 U	570 U	520 U	550 U
Isophorone	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	2.0 U	8.8 U	1.9 U	1.9 U	8.7 U	9.7 U	1.9 U	1.8 U	1.8 U	1.9 U	1.7 U	1.8 U
Diethylphthalate (8270C)	ug/kg	--	180 U	--	--	170 U	190 U	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	--	21 U	21 U	--	--	21 U	19 U	20 U	21 U	19 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	180 U	--	--	170 U	190 U	--	--	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	8.3 J Z	--	21 U	21 U	--	--	13 J Z	19 U	20 U	21 U	19 U	20 U
Phenanthrene (8270C)	ug/kg	--	45 J Z	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	6.4	--	1.9 U	1.9 U	8.7 U	110	0.85 J Z	1.2 J Z	1.5 J FD, Z	1.9 U	1.5 J Z	1.8 U
Butylbenzylphthalate (8270C)	ug/kg	--	180 U	--	--	170 U	--	190 U	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	--	21 U	21 U	--	--	7.9 J L, Z	19 U	20 U	21 U	19 U	20 U
N-Nitrosodiphenylamine	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.8 J Z	8.8 U	1.9 U	1.9 U	8.7 U	30	1.9 U	1.8 U	1.8 U	1.9 U	1.7 U	1.8 U
Carbazole	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Pentachlorophenol	ug/kg	590 U	530 U	580 U	570 U	520 U	580 U	580 U	540 U	550 U	570 U	520 U	550 U
2,4,6-Trichlorophenol	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
2-Nitroaniline	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
2-Nitrophenol	ug/kg	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	2.0 U	8.8 U	1.9 U	1.9 U	8.7 U	48	1.9 U	1.8 U	1.8 U	1.9 U	1.7 U	2.5
Naphthalene (8270C)	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-172-SA5DN-SB-9.0-10.0 07/28/2011 DE211 9 10	SL-173-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-173-SA5DN-SB-4.0-5.0 08/01/2011 DE213 4 5	SL-173-SA5DN-SB-9.0-10.0 08/01/2011 DE213 9 10	SL-174-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-174-SA5DN-SB-4.0-5.0 07/29/2011 DE212 4 5	SL-174-SA5DN-SB-9.0-10.0 07/29/2011 DE212 9 10	SL-175-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-175-SA5DN-SB-4.0-5.0 08/01/2011 DE213 4 5	SL-175-SA5DN-SB-9.0-10.0 08/01/2011 DE213 9 10	SL-176-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-176-SA5DN-SB-4.0-5.0 08/01/2011 DE213 4 5
Naphthalene (8270C SIM)	ug/kq	2.0 U	8.8 U	1.9 U	1.9 U	8.7 U	9.7 U	1.9 U	1.8 U	1.8 U	1.9 U	1.7 U	1.4 J Z
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	2.0 U	8.8 U	1.9 U	1.9 U	8.7 U	61	1.9 U	1.8 U	0.81 J Z	1.9 U	1.7 U	3.8
2-Chloronaphthalene	ug/kq	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
3,3'-Dichlorobenzidine	ug/kq	390 U	350 U	380 U	380 U	350 U	390 U	380 U	360 U	370 U	380 U	350 U	370 U
Benzidine	ug/kq	3900 U	3500 U	3800 U	3800 U	3500 U	3900 U	3800 U	3600 U	3700 UJ Q	3800 U	3500 U	3700 U
2-Methylphenol	ug/kq	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
2-Chlorophenol	ug/kq	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
2,4,5-Trichlorophenol	ug/kq	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
3-Nitroaniline	ug/kq	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U
Benzyl Alcohol	ug/kq	590 U	530 U	580 U	570 U	520 U	580 U	580 U	540 U	550 U	570 U	520 U	550 U
2,6-Dinitrotoluene	ug/kq	200 U	180 U	190 U	190 U	170 U	190 U	190 U	180 U	180 U	190 U	170 U	180 U

Sample Name Sample Date SDG Start Depth End Depth		SL-176-SA5DN-SB-9.0-10.0 08/01/2011 DE213 9 10	SL-179-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-179-SA5DN-SB-4.0-5.0 07/27/2011 DE166 4 5	SL-179-SA5DN-SB-9.0-10.0 07/27/2011 DE210 9 10	SL-180-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-180-SA5DN-SB-4.0-5.0 07/29/2011 DE212 4 5	SL-180-SA5DN-SB-9.0-10.0 07/29/2011 DE212 9 10	SL-181-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-181-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-181-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-182-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-182-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	349 U	345 U	379 U	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.7 U	8.6 U	1.9 U	8.7 U	1.9 U	10 U	8.8 U	1.8 U	2.0 U	1.8 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Nitrobenzene	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Hexachlorobutadiene	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
4-Nitroaniline	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
4-Nitrophenol	ug/kg	570 U	520 U	520 U	570 U	520 U	570 U	600 U	530 U	560 U	600 U	530 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
4-Methylphenol	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
4-Chloroaniline	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Phenol	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	29 J Z	27 J Z	--	28 J Z	59 J Z	--	22 J Z	--	--	25 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	8.2 J Z	--	--	15 J Z	--	--	39 J Z	--	20 U B	--	21 U B	20 U B
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	170 U	--	170 U	--	200 U	180 U	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	19 U	--	21 U	--	21 U	--	--	20 U	21 U	19 U	20 U
Hexachlorobenzene	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Anthracene (8270C)	ug/kg	--	62 J Z	--	--	590	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	--	8.6 U	3	--	1.3 J Z	10 U	17	1.8 U	2.0 U	1.8 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Pyrene (8270C)	ug/kg	--	340	--	--	2800	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	--	5.5 J Z	3.5	--	3.4	10 U	180	1.8 U	2.7	0.96 J Z	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	170 U	--	170 U	--	200 U	180 U	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	19 U	--	21 U	--	21 U	--	--	20 U	--	19 U	20 U
Dibenzofuran	ug/kg	190 U	170 U	170 U	190 U	150 J Z	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	100 J Z	--	--	550	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	--	8.6 U	1.8 J Z	--	2	10 U	27	1.8 U	2.0 U	0.80 J Z	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	94 J Z	--	--	520	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	--	8.6 U	2	--	1.6 J Z	10 U	32	1.8 U	2.0 U	1.8 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	170	--	--	1100	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	0.83 J Z	--	4.6 J Z	3.4	--	2.7	10 U	130	1.8 U	1.5 J Z	1.2 J Z	1.9 U
Fluoranthene (8270C)	ug/kg	--	360	--	--	3100	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	--	5.3 J Z	4.5	--	3.4	10 U	170	1.8 U	2.2	0.89 J Z	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	100 J Z	--	--	600	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	--	8.6 U	3.1	--	2.1	10 U	62	1.8 U	2.0 U	1.8 U	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	1.7 U	8.6 U	1.9 U	8.7 U	1.9 U	10 U	8.8 U	1.8 U	2.0 U	1.8 U	1.9 U
Chrysene (8270C)	ug/kg	--	200	--	--	1400	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	0.47 J Z	--	4.9 J Z	4	--	2.8	10 U	110	1.8 U	1.6 J Z	0.80 J Z	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	160 J Z	--	--	950	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	--	8.6 U	3.1	--	2.2	10 U	85	1.8 U	1.1 J Z	1.8 U	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1000 U	1000 U	1100 U	1000 U	1100 U	1200 U	1100 U	1100 U	1200 U	1100 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	570 U	520 U	520 U	570 U	520 U	570 U	600 U	530 U	560 U	600 U	530 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	32 J Z	--	--	170	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	--	8.6 U	2.1	--	1.2 J Z	10 U	11	1.8 U	2.0 U	1.8 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	180	--	--	1300	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	--	3.5 J Z	4.1	--	2.8	10 U	86	1.8 U	1.3 J Z	1.8 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Aniline	ug/kg	570 U	520 U	520 U	570 U	520 U	570 U	600 U	530 U	560 U	600 U	530 U	580 U
Benzoic Acid	ug/kg	570 U	520 U	520 U	570 U	520 U	570 U	600 U	530 U	560 U	600 U	530 U	580 U
Hexachloroethane	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Hexachlorocyclopentadiene	ug/kg	570 U	520 U	520 U	570 U	520 U	570 U	600 U	530 U	560 U	600 U	530 U	580 U
Isophorone	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	370	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	1.7 U	8.6 U	1.9 U	--	1.9 U	10 U	8.8 U	1.8 U	2.0 U	1.8 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	170 U	--	170 U	--	200 U	180 U	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	19 U	--	21 U	--	21 U	--	--	20 U	--	19 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	170 U	--	170 U	--	--	180 U	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	19 U	--	21 U	--	15 J Z	56 J Z	--	20 U	21 U	19 U	20 U
Phenanthrene (8270C)	ug/kg	--	240	--	--	2900	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	--	8.6 U	3	--	2	10 U	90	1.8 U	1.7 J Z	1.8 U	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	170 U	--	170 U	--	200 U	180 U	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	19 U	--	21 U	--	10 J L, Z	--	--	20 U	21 U	6.9 J Z	20 U
N-Nitrosodiphenylamine	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	260	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	1.7 U	8.6 U	1.1 J Z	--	1.9 U	10 U	8.8 U	1.8 U	2.0 U	1.8 U	1.9 U
Carbazole	ug/kg	190 U	27 J Z	170 U	190 U	360	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Pentachlorophenol	ug/kg	570 U	520 U	520 U	570 U	520 U	570 U	600 U	530 U	560 U	600 U	530 U	580 U
2,4,6-Trichlorophenol	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
2-Nitroaniline	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
2-Nitrophenol	ug/kg	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	26 J Z	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	1.7 U	8.6 U	1.9 U	--	1.9 U	10 U	8.8 U	1.8 U	2.0 U	1.8 U	1.9 U
Naphthalene (8270C)	ug/kg	--	--	--	--	37 J Z	--	--	--	--	--	--	--

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-176-SA5DN-SB-9.0-10.0 08/01/2011 DE213 9 10	SL-179-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-179-SA5DN-SB-4.0-5.0 07/27/2011 DE210 4 5	SL-179-SA5DN-SB-9.0-10.0 07/27/2011 DE210 9 10	SL-180-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-180-SA5DN-SB-4.0-5.0 07/29/2011 DE212 4 5	SL-180-SA5DN-SB-9.0-10.0 07/29/2011 DE212 9 10	SL-181-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-181-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-181-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-182-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-182-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5
Naphthalene (8270C SIM)	ug/kq	1.9 U	1.7 U	8.6 U	1.9 U	--	1.9 U	10 U	8.8 U	1.8 U	2.0 U	1.8 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	31 J Z	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	1.7 U	8.6 U	1.9 U	--	1.9 U	10 U	8.8 U	1.8 U	2.0 U	1.8 U	1.9 U
2-Chloronaphthalene	ug/kq	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
3,3'-Dichlorobenzidine	ug/kq	380 U	350 U	350 U	380 U	350 U	380 U	400 U	350 U	380 U	400 U	350 U	380 U
Benzidine	ug/kq	3800 U	3500 U	3500 U	3800 U	3500 U	3800 U	4000 U	3500 U	3800 U	4000 U	3500 U	3800 U
2-Methylphenol	ug/kq	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
2-Chlorophenol	ug/kq	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
2,4,5-Trichlorophenol	ug/kq	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
3-Nitroaniline	ug/kq	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U
Benzyl Alcohol	ug/kq	570 U	520 U	520 U	570 U	520 U	570 U	600 U	530 U	560 U	600 U	530 U	580 U
2,6-Dinitrotoluene	ug/kq	190 U	170 U	170 U	190 U	170 U	190 U	200 U	180 U	190 U	200 U	180 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-182-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-183-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-183-SA5DN-SB-4.0-5.0 07/28/2011 DE211 4 5	SL-183-SA5DN-SB-9.0-10.0 07/28/2011 DE211 9 10	SL-184-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-184-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-184-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-185-SA5DN-SS-0.0-0.5 05/24/2011 DE163 0 0.5	SL-185-SA5DN-SB-4.0-5.0 08/04/2011 DE216 4 5	SL-185-SA5DN-SB-9.0-10.0 08/04/2011 DE216 9 10	SL-186-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-186-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5
Chemical Name		Unit											
N-Nitrosodimethylamine (1625C)		ng/kg	--	--	--	--	--	--	--	--	--	380 U	38.7 U
N-Nitrosodimethylamine (8270C SIM)		ug/kg	2.0 U	1.7 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
Nitrobenzene		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
1,4-Dichlorobenzene		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
1,2,4-Trichlorobenzene		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
1,3-Dichlorobenzene		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
Hexachlorobutadiene		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
1,2-Dichlorobenzene		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
4-Nitroaniline		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
4-Nitrophenol		ug/kg	600 U	510 U	560 U	570 U	530 U	570 U	580 U	550 U	570 U	570 U	580 U
4-Bromophenyl Phenyl Ether		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
2,4-Dimethylphenol		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
4-Methylphenol		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
4-Chloroaniline		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
3,5-Dimethylphenol		ug/kg	200 U	170 U	190 R Q	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
Phenol		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
Bis(2-Chloroethyl) ether		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
Bis(2-Chloroethoxy) methane		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)		ug/kg	--	38 J Z	--	34 J Z	24 J Z	380 U	--	370 UJ B, L	--	55 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)		ug/kg	21 U B	--	20 U	--	--	--	21 U B	--	21 U	12 J Z	21 U B
Di-N-Octyl Phthalate (8270C)		ug/kg	--	--	--	--	180 U	--	--	180 U	--	--	--
Di-N-Octyl Phthalate (8270C SIM)		ug/kg	21 U	18 U	20 U	21 U	--	20 U	21 U	--	21 U	21 U	7.5 J Z
Hexachlorobenzene		ug/kg	200 U	170 U	190 U	190 U	180 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	1.7 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	1.6 J Z	1.9 U
2,4-Dichlorophenol		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
1,2-Diphenylhydrazine		ug/kg	200 U	170 U	190 U	190 U	180 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	0.92 J Z	1.9 U	1.9 U	4.4 J Z	1.9 U	1.9 U	3.9 J Z	1.9 U	1.2 J Z	18
Dimethylphthalate (8270C)		ug/kg	--	--	--	--	180 U	--	--	180 U	--	--	--
Dimethylphthalate (8270C SIM)		ug/kg	21 U	18 U	20 U	21 U	--	20 U	21 U	--	21 U	21 U	21 U
Dibenzofuran		ug/kg	200 U	170 U	190 U	190 U	180 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	0.81 J Z	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	0.95 J Z	13
Indeno(1,2,3-Cd)Pyrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)		ug/kg	2.0 U	1.7 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	0.81 J Z	7.9
Benzo(b)fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)		ug/kg	2.0 U	1.5 J Z	1.9 U	1.9 U	4.4 J Z	1.9 U	1.9 U	4.8 J L, Z	1.9 U	0.97 J Z	16 J L
Fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)		ug/kg	2.0 U	1.7 U	1.9 U	1.9 U	3.8 J Z	1.9 U	1.9 U	3.9 J Z	1.9 U	1.3 J Z	21
Benzo(k)fluoranthene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)		ug/kg	2.0 U	1.7 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	0.83 J Z	7.8
Acenaphthylene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)		ug/kg	2.0 U	1.7 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	0.53 J Z	1.9 U
Chrysene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	38 J Z	--
Chrysene (8270C SIM)		ug/kg	2.0 U	1.0 J Z	1.9 UJ FD	0.44 J Z	3.3 J Z	1.9 U	1.9 U	2.8 J Z	1.9 U	1.0 J Z	--
bis(2-Chloroisopropyl) ether		ug/kg	200 U	170 U	190 U	190 U	180 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	0.87 J Z	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	0.85 J Z	14
2,4-Dinitrophenol		ug/kg	1200 U	1000 U	1100 U	1100 U	1100 U	1100 U	1100 U	1100 U	1100 U	1100 U	1200 UJ L
4,6-Dinitro-2-Methylphenol		ug/kg	600 U	510 U	560 U	570 U	530 U	570 U	580 U	550 U	570 U	570 U	580 U
Dibenzo(a,h)anthracene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)		ug/kg	2.0 U	1.7 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	0.77 J Z	2.2
Benzo(a)anthracene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)		ug/kg	2.0 U	1.7 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	1.2 J Z	9.9
4-Chloro-3-Methylphenol		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
N-Nitroso-Di-N-Propylamine		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
Aniline		ug/kg	600 U	510 U	560 U	570 U	530 U	570 U	580 U	550 U	570 U	570 U	580 U
Benzoic Acid		ug/kg	600 U	510 U	560 U	570 U	530 U	570 U	580 U	550 U	570 U	570 U	580 U
Hexachloroethane		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 UJ Q
4-Chlorophenyl Phenylether		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
Hexachlorocyclopentadiene		ug/kg	600 U	510 U	560 U	570 U	530 U	570 U	580 U	550 U	570 U	570 U	580 U
Isophorone		ug/kg	200 U	170 U	190 U	190 U	180 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	1.7 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U	0.82 J Z
Diethylphthalate (8270C)		ug/kg	--	--	--	--	180 U	--	--	180 U	--	--	--
Diethylphthalate (8270C SIM)		ug/kg	21 U	18 U	20 U	21 U	--	20 U	21 U	--	21 U	21 U	21 U
Di-n-Butylphthalate (8270C)		ug/kg	--	--	--	--	180 U	--	--	180 U	--	--	--
Di-n-Butylphthalate (8270C SIM)		ug/kg	21 U	18 U	20 U	21 U	--	20 U	21 U	--	21 U	12 J Z	11 J L, Z
Phenanthrene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)		ug/kg	2.0 U	0.82 J Z	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	1.8 J Z	9.6
Butylbenzylphthalate (8270C)		ug/kg	--	--	--	--	180 U	--	--	180 U	--	--	--
Butylbenzylphthalate (8270C SIM)		ug/kg	21 U	18 U	20 U	21 U	--	20 U	21 U	--	21 U	8.5 J L, Z	11 J Z
N-Nitrosodiphenylamine		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
Fluorene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)		ug/kg	2.0 U	1.7 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	1.3 J Z	1.3 J Z
Carbazole		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
Pentachlorophenol		ug/kg	600 U	510 U	560 U	570 U	530 U	570 U	580 U	550 U	570 U	570 U	580 U
2,4,6-Trichlorophenol		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
2-Nitroaniline		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
2-Nitrophenol		ug/kg	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U
1-Methylnaphthalene (8270C)		ug/kg	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)		ug/kg	2.0 U	1.7 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	0.80 J Z	1.9 U
Naphthalene (8270C)		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-182-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-183-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-183-SA5DN-SB-4.0-5.0 07/28/2011 DE211 4 5	SL-183-SA5DN-SB-9.0-10.0 07/28/2011 DE211 9 10	SL-184-SA5DN-SS-0.0-0.5 05/26/2011 DE166 0 0.5	SL-184-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-184-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-185-SA5DN-SS-0.0-0.5 05/24/2011 DE163 0 0.5	SL-185-SA5DN-SB-4.0-5.0 08/04/2011 DE216 4 5	SL-185-SA5DN-SB-9.0-10.0 08/04/2011 DE216 9 10	SL-186-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-186-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5
Naphthalene (8270C SIM)	ug/kq	2.0 U	1.7 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U	1.6 J Z	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	2.0 U	1.7 U	1.9 U	1.9 U	8.8 U	1.9 U	1.9 U	9.2 U	1.9 U	1.9 U	1.4 J Z	1.9 U
2-Chloronaphthalene	ug/kq	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
3,3'-Dichlorobenzidine	ug/kq	400 U	340 U	370 U	380 U	350 U	380 U	390 U	370 U	380 U	380 U	380 U	390 U
Benzidine	ug/kq	4000 U	3400 U	3700 UJ Q	3800 U	3500 U	3800 U	3900 U	3700 U	3800 U	3800 U	3800 U	3900 U
2-Methylphenol	ug/kq	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
2-Chlorophenol	ug/kq	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kq	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
3-Nitroaniline	ug/kq	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U
Benzyl Alcohol	ug/kq	600 U	510 U	560 U	570 U	530 U	570 U	580 U	550 U	570 U	570 U	570 U	580 U
2,6-Dinitrotoluene	ug/kq	200 U	170 U	190 U	190 U	180 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-186-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10	SL-187-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-187-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-187-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-188-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-188-SA5DN-SB-4.0-5.0 08/03/2011 DE215 4 5	SL-188-SA5DN-SB-9.0-10.0 08/03/2011 DE215 9 10	SL-189-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-189-SA5DN-SB-4.0-5.0 08/04/2011 DE216 4 5	SL-189-SA5DN-SB-9.0-10.0 08/04/2011 DE216 9 10	SL-190-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-190-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	37.9 U	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	11 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	2.0 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Nitrobenzene	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Hexachlorobutadiene	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
4-Nitroaniline	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
4-Nitrophenol	ug/kg	570 U	640 U	570 U	580 U	570 U	580 U	570 U	580 U	550 U	580 U	590 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
4-Methylphenol	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
4-Chloroaniline	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Phenol	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	380 U	--	360 J Z	--	--	34 J Z	--	--	--	21 J Z
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	21 U B	150	--	21 U B	--	21 U	21 U	--	20 UJ FD	14 J Z	8.3 J Z	--
Di-N-Octyl Phthalate (8270C)	ug/kg	--	210 U	--	--	230	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	--	21 U	21 U	--	21 U	21 U	21 U	20 U	21 U	21 U	7.1 J Z
Hexachlorobenzene	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Anthracene (8270C)	ug/kg	--	150 J Z	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	1.9 U	0.48 J Z	1.9 U	1.9 U	0.41 J Z	1.0 J FD, Z	0.59 J Z	2.0 U	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Pyrene (8270C)	ug/kg	--	2900	--	--	25 J Z	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	1.9	--	1.9 U	1.9 U	2.2	1.1 J FD, Z	1.9 U	1.8 J Z	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	210 U	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	--	21 U	21 U	21 U	21 U	21 U	21 U	20 U	21 U	21 U	21 U
Dibenzofuran	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	2200	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	1.5 J Z	2.3	1.9 U	1.9 U	2.2	1.8 U	1.9 U	2.0 U	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	1900	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	1.9 U	2	1.9 U	1.9 U	1.6 J Z	1.8 U	1.9 U	0.83 J Z	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	3400	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	1.5 J Z	4.1 J L	1.9 U	1.9 U	2.9 J L	1.2 J FD, Z	1.9 U	2.7 J L	1.9 U
Fluoranthene (8270C)	ug/kg	--	2600	--	--	22 J Z	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	0.90 J Z	--	1.9 U	1.9 U	3.1	1.1 J FD, Z	1.9 U	2.3	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	1600	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	1.9 U	1.7 J Z	1.9 U	1.9 U	0.99 J Z	0.97 J FD, Z	1.9 U	6.6 J L	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	11 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	2.0 U	1.9 U
Chrysene (8270C)	ug/kg	--	3000	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	--	0.61 J Z	2	3.1	0.59 J Z	1.9 U	1.7 J Z	0.91 J FD, Z	0.48 J Z	1.7 J Z	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	3100	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	2.2	2.6	1.9 U	1.9 U	1.3 J Z	0.92 J FD, Z	1.9 U	1.2 J L, Z	1.9 U
2,4-Dinitrophenol	ug/kg	1100 UJ L	1300 U	1100 U	1200 U	1100 U	1200 U	1100 U	1200 U	1100 U	1200 U	1200 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	570 U	640 U	570 U	580 U	570 U	580 U	570 U	580 U	550 U	580 U	590 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	590	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	2.0 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	2900	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	1.8 J Z	1.7 J Z	1.9 U	1.9 U	1.3 J Z	1.1 J FD, Z	1.9 U	2.0 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Aniline	ug/kg	570 U	640 U	570 U	580 U	570 U	580 U	570 U	580 U	550 U	580 U	590 U	580 U
Benzoic Acid	ug/kg	570 U	640 U	570 U	580 U	570 U	580 U	570 U	580 U	550 U	580 U	590 U	580 U
Hexachloroethane	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Hexachlorocyclopentadiene	ug/kg	570 U	640 U	570 U	580 U	570 U	580 U	570 U	580 U	550 U	580 U	590 U	580 U
Isophorone	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Acenaphthene (8270C)	ug/kg	--	49 J Z	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	2.0 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	210 U	--	--	--	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	--	21 U	21 U	21 U	21 U	21 U	21 U	20 U	21 U	21 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	--	210 U	--	--	--	--	--	--	--	--	--	190 U
Di-n-Butylphthalate (8270C SIM)	ug/kg	10 J Z	--	21 U	21 U	21 U	21 U	21 U	21 U	20 UJ FD	12 J Z	8.9 J Z	--
Phenanthrene (8270C)	ug/kg	--	400	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	--	1.9 U	1.9 U	3.2	1.9 U	1.9 U	2.4	1.1 J FD, Z	0.83 J Z	1.6 J Z	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	210 U	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	--	21 U	21 U	21 U	21 U	21 U	21 U	20 U	8.3 J L, Z	21 U	21 U
N-Nitrosodiphenylamine	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	7.3 J Z	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	2.0 U	1.9 U
Carbazole	ug/kg	190 U	130 J Z	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Pentachlorophenol	ug/kg	570 U	640 U	570 U	580 U	570 U	580 U	570 U	580 U	550 U	580 U	590 U	580 U
2,4,6-Trichlorophenol	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
2-Nitroaniline	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
2-Nitrophenol	ug/kg	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	11 U	1.9 U	1.9 U	0.81 J Z	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	2.0 U	1.9 U
Naphthalene (8270C)	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-186-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10	SL-187-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-187-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-187-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-188-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-188-SA5DN-SB-4.0-5.0 08/03/2011 DE215 4 5	SL-188-SA5DN-SB-9.0-10.0 08/03/2011 DE215 9 10	SL-189-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-189-SA5DN-SB-4.0-5.0 08/04/2011 DE216 4 5	SL-189-SA5DN-SB-9.0-10.0 08/04/2011 DE216 9 10	SL-190-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-190-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5
Naphthalene (8270C SIM)	ug/kq	1.9 U	11 U	1.9 U	1.9 U	2	1.9 U	1.9 U	1.6 J Z	1.8 U	1.9 U	1.4 J Z	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	5.9 J Z	1.9 U	1.9 U	1.5 J Z	1.9 U	1.9 U	1.2 J Z	1.8 U	1.9 U	0.98 J Z	1.9 U
2-Chloronaphthalene	ug/kq	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
3,3'-Dichlorobenzidine	ug/kq	380 U	420 U	380 U	390 U	380 U	380 U	380 U	390 U	370 U	380 U	390 U	390 U
Benzidine	ug/kq	3800 U	4200 U	3800 U	3900 U	3800 U	3800 U	3800 U	3900 U	3700 UJ Q	3800 U	3900 U	3900 U
2-Methylphenol	ug/kq	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
2-Chlorophenol	ug/kq	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
2,4,5-Trichlorophenol	ug/kq	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
3-Nitroaniline	ug/kq	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U
Benzyl Alcohol	ug/kq	570 U	640 U	570 U	580 U	570 U	580 U	570 U	580 U	550 U	580 U	590 U	580 U
2,6-Dinitrotoluene	ug/kq	190 U	210 U	190 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U	200 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-190-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-191-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-191-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-191-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-192-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-192-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5	SL-192-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10	SL-193-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-193-SA5DN-SB-4.0-5.0 08/03/2011 DE215 4 5	SL-193-SA5DN-SB-9.0-10.0 08/03/2011 DE215 9 10	SL-194-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-194-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	44.1	38.4 U	38.5 U	410 U	38.5 U	38.6 U	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	2.0 U	1.8 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	9.1 U	1.9 U	1.9 U	2.1 U	1.9 U
2,4-Dinitrotoluene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Nitrobenzene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
1,4-Dichlorobenzene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
1,2,4-Trichlorobenzene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
1,3-Dichlorobenzene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Hexachlorobutadiene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
1,2-Dichlorobenzene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
4-Nitroaniline	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
4-Nitrophenol	ug/kg	580 U	540 U	580 U	590 U	610 U	580 U	580 U	550 U	560 U	580 U	620 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
2,4-Dimethylphenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
4-Methylphenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
4-Chloroaniline	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
3,5-Dimethylphenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Phenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	390 U	33 J Z	--	--	38 J Z	380 U	390 U	--	--	--	49 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	21 U B	--	21 U B	21 U B	--	--	--	61 J Z	14 J Z	21 U	--	21 U B
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--	180 U	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	7.2 J Z	20 U	21 U	7.5 J Z	22 U	21 U	21 U	--	20 U	21 U	23 U	21 U
Hexachlorobenzene	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	2.0 U	0.70 J Z	1.9 U	2.0 U	1.1 J Z	1.9 U	1.9 U	9.1 U	1.6 J Z	1.9 U	0.87 J Z	1.9 U
2,4-Dichlorophenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
1,2-Diphenylhydrazine	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	2.0 U	6.2	1.9 U	2.0 U	8.1	1.9 U	1.9 U	4.8 J Z	31	1.9 U	18	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	180 U	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	20 U	21 U	21 U	22 U	21 U	21 U	--	20 U	21 U	23 U	21 U
Dibenzofuran	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	2.0 U	12	1.9 U	2.0 U	5.5	1.9 U	1.9 U	3.7 J Z	7	1.9 U	8.1	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	5.1	1.9 U	2.0 U	4.1	1.9 U	1.9 U	9.1 U	6.9	1.9 U	7	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	2.0 U	6.9 J L	1.9 U	2.0 U	7.6 J L	1.9 U	1.9 U	4.1 J L, Z	23	1.9 U	16 J L	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	2.0 U	4.8	1.9 U	2.0 U	7.4	1.9 U	1.9 U	4.4 J Z	30	1.9 U	16	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	2.0 U	2.1	1.9 U	2.0 U	2.1	1.9 U	1.9 U	9.1 U	10	1.9 U	5.3	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	2.0 U	1.8 U	1.9 U	2.0 U	0.46 J Z	1.9 U	1.9 U	9.1 U	1.9 U	1.9 U	2.1 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	2.0 U	4.3	1.9 U	2.0 U	6.8	1.9 U	1.9 U	3.5 J Z	28	0.52 J Z	11	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	2.0 U	4	1.9 U	2.0 U	6.6	1.9 U	1.9 U	9.1 U	14	1.9 U	9.8	1.9 U
2,4-Dinitrophenol	ug/kg	1200 U	1100 U	1200 U	1200 U	1200 U	1200 UJ L	1200 UJ L	1100 U	1100 U	1200 U	1200 U	1100 UJ L
4,6-Dinitro-2-Methylphenol	ug/kg	580 U	540 U	580 U	590 U	610 U	580 U	580 U	550 U	560 U	580 U	620 U	570 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	2.0 U	1.1 J Z	1.9 U	2.0 U	1.1 J Z	1.9 U	1.9 U	9.1 U	2.2	1.9 U	1.6 J Z	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	2.0 U	2.3	1.9 U	2.0 U	4.2	1.9 U	1.9 U	9.1 U	20	1.9 U	5.9	1.9 U
4-Chloro-3-Methylphenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Aniline	ug/kg	580 U	540 U	580 U	590 U	610 U	580 U	580 U	550 U	560 U	580 U	620 U	570 U
Benzoic Acid	ug/kg	580 U	540 U	580 U	590 U	610 U	580 U	580 U	550 U	560 U	580 U	620 U	570 U
Hexachloroethane	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
4-Chlorophenyl Phenylether	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Hexachlorocyclopentadiene	ug/kg	580 U	540 U	580 U	590 U	610 U	580 U	580 U	550 U	560 U	580 U	620 U	570 U
Isophorone	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	2.0 U	1.8 U	1.9 U	2.0 U	2.1 U	1.9 U	1.9 U	9.1 U	1.9 U	1.9 U	2.1 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	180 U	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	20 U	21 U	21 U	22 U	21 U	21 U	--	20 U	21 U	23 U	21 U
Di-n-Butylphthalate (8270C)	ug/kg	190 U	--	190 U	200 U	--	--	--	180 U	--	--	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	--	20 U	--	--	22 U	8.9 J Z	9.3 J Z	--	20 U	21 U	8.6 J L, Z	9.1 J Z
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	2.0 U	2.8	1.9 U	2.0 U	4.9	1.9 U	1.9 U	9.1 U	4.3	1.9 U	7.6	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	180 U	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	20 U	21 U	21 U	22 U	21 U	21 U	--	20 U	21 U	23 U	21 U
N-Nitrosodiphenylamine	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	2.0 U	1.8 U	1.9 U	2.0 U	2.0 J Z	1.9 U	1.9 U	9.1 U	1.9 U	1.9 U	1.5 J Z	1.9 U
Carbazole	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Pentachlorophenol	ug/kg	580 U	540 U	580 U	590 U	610 U	580 U	580 U	550 U	560 U	580 U	620 U	570 U
2,4,6-Trichlorophenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
2-Nitroaniline	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
2-Nitrophenol	ug/kg	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	2.0 U	0.96 J Z	1.9 U	2.0 U	1.6 J Z	1.9 U	1.9 U	9.1 U	0.76 J Z	1.9 U	1.2 J Z	1.9 U
Naphthalene (8270C)	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-190-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-191-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-191-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-191-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-192-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-192-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5	SL-192-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10	SL-193-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-193-SA5DN-SB-4.0-5.0 08/03/2011 DE215 4 5	SL-193-SA5DN-SB-9.0-10.0 08/03/2011 DE215 9 10	SL-194-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-194-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5
Naphthalene (8270C SIM)	ug/kq	2.0 U	1.6 J Z	1.9 U	2.0 U	2.8	1.9 U	1.9 U	9.1 U	1.5 J Z	1.9 U	2.5	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	2.0 U	1.5 J Z	1.9 U	2.0 U	2.3	1.9 U	1.9 U	9.1 U	1.3 J Z	1.9 U	1.8 J Z	1.9 U
2-Chloronaphthalene	ug/kq	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
3,3'-Dichlorobenzidine	ug/kq	--	360 U	390 U	390 U	410 U	380 U	390 U	360 U	380 U	380 U	410 U	380 U
Benzidine	ug/kq	3900 U	3600 U	3900 U	3900 U	4100 U	3800 U	3900 U	3600 U	3800 U	3800 U	4100 U	3800 U
2-Methylphenol	ug/kq	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
2-Chlorophenol	ug/kq	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
2,4,5-Trichlorophenol	ug/kq	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
3-Nitroaniline	ug/kq	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U
Benzyl Alcohol	ug/kq	580 U	540 U	580 U	590 U	610 U	580 U	580 U	550 U	560 U	580 U	620 U	570 U
2,6-Dinitrotoluene	ug/kq	190 U	180 U	190 U	200 U	200 U	190 U	190 U	180 U	190 U	190 U	210 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-194-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10	SL-195-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-195-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5	SL-195-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10	SL-196-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-196-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-196-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-197-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-197-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-197-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-198-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-198-SA5DN-SB-4.0-5.0 08/05/2011 DE218 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ng/kg	--	--	--	--	--	--	--	387 U	39.0 U	39.8 U	21.3 J Z	102
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	10 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	9.7 U	1.9 U	2.0 U	9.2 U	9.7 U
2,4-Dinitrotoluene	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Nitrobenzene	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
1,4-Dichlorobenzene	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
1,2,4-Trichlorobenzene	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
1,3-Dichlorobenzene	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Hexachlorobutadiene	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
1,2-Dichlorobenzene	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
4-Nitroaniline	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
4-Nitrophenol	ug/kg	590 U	630 U	580 U	600 U	580 U	570 U	580 U	580 U	590 U	590 U	550 U	580 U
4-Bromophenyl Phenyl Ether	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
2,4-Dimethylphenol	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
4-Methylphenol	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
4-Chloroaniline	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
3,5-Dimethylphenol	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Phenol	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	58 J Z	--	--	250 J Z	380 U	390 U	1200	--	400 U	88 J Z	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	21 U B	--	21 U B	22 U B	--	--	--	--	21 U B	--	--	120
Di-N-Octyl Phthalate (8270C)	ug/kg	--	210 U	--	--	--	--	--	25 J Z	--	--	180 U	190 U
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	7.1 J Z	--	7.7 J Z	22 U	21 U	21 U	21 U	--	7.1 J Z	21 U	--	--
Hexachlorobenzene	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	110 J Z	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	10 U	1.9 U	2.0 U	1.5 J Z	1.9 U	1.9 U	--	1.9 U	0.45 J Z	9.2 U	9.7 U
2,4-Dichlorophenol	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
1,2-Diphenylhydrazine	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	150 J Z	--	--	25 J Z	--
Pyrene (8270C SIM)	ug/kg	1.9 U	9.0 J Z	1.9 U	2.0 U	16	0.80 J Z	1.9 U	--	1.9 U	2.0 U	--	10
Dimethylphthalate (8270C)	ug/kg	--	210 U	--	--	--	--	--	190 U	--	--	180 U	190 U
Dimethylphthalate (8270C SIM)	ug/kg	21 U	--	21 U	22 U	21 U	21 U	21 U	--	21 U	--	21 U	--
Dibenzofuran	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	89 J Z	--	--	25 J Z	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	12	1.9 U	2.0 U	7.9	1.9 U	1.9 U	--	1.9 U	1.2 J Z	--	9.0 J Z
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	88 J Z	--	--	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.9 U	5.4 J Z	1.9 U	2.0 U	7.1	1.9 U	1.9 U	--	1.9 U	0.92 J Z	11	5.9 J Z
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	280	--	--	29 J Z	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	10 J L	1.9 U	2.0 U	14 J L	1.9 U	1.9 U	--	1.9 U	2.1	--	21
Fluoranthene (8270C)	ug/kg	200 U	--	--	--	--	--	--	75 J Z	--	--	19 J Z	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	11	1.9 U	2.0 U	18	1.9 U	1.9 U	--	1.9 U	0.81 J Z	--	11
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	89 J Z	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	10 U	1.9 U	2.0 U	6.1	1.9 U	1.9 U	--	1.9 U	2.0 U	6.3 J Z	5.9 J Z
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	45 J Z	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	10 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	--	1.9 U	1.1 J Z	9.2 U	9.7 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	190	--	--	34.1 Z	--
Chrysene (8270C SIM)	ug/kg	1.9 U	7.3 J Z	1.9 U	2.0 U	11	1.9 U	1.9 U	--	1.9 U	1.4 J Z	--	16
bis(2-Chloroisopropyl) ether	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	190	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	5.3 J Z	1.9 U	2.0 U	9.6	1.9 U	1.9 U	--	1.9 U	1.6 J Z	13	11
2,4-Dinitrophenol	ug/kg	1200 UJ L	1300 U	1200 UJ L	1200 UJ L	1200 U	1100 U	1200 U	1200 U	1200 U	1200 U	1100 U	1200 U
4,6-Dinitro-2-Methylphenol	ug/kg	590 U	630 U	580 U	600 U	580 U	570 U	580 U	580 U	590 U	590 U	550 U	580 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	30 J Z	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.9 U	10 U	1.9 U	2.0 U	1.7 J Z	1.9 U	1.9 U	--	1.9 U	2.0 U	9.2 U	9.7 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	87 J Z	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	4.4 J Z	1.9 U	2.0 U	8.6	1.9 U	1.9 U	--	1.9 U	1.7 J Z	8.0 J Z	6.7 J Z
4-Chloro-3-Methylphenol	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Aniline	ug/kg	590 U	630 U	580 U	600 U	580 U	570 U	580 U	580 U	590 U	590 U	550 U	580 U
Benzoic Acid	ug/kg	590 U	630 U	580 U	600 U	580 U	570 U	580 U	580 U	590 U	590 U	550 U	580 U
Hexachloroethane	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
4-Chlorophenyl Phenylether	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Hexachlorocyclopentadiene	ug/kg	590 U	630 U	580 U	600 U	580 U	570 U	580 U	580 U	590 U	590 U	550 U	580 U
Isophorone	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	1.9 U	10 U	1.9 U	2.0 U	1.9 U	1.9 U	1.9 U	9.7 U	1.9 U	2.0 U	9.2 U	9.7 U
Diethylphthalate (8270C)	ug/kg	--	210 U	--	--	--	--	--	190 U	--	--	180 U	190 U
Diethylphthalate (8270C SIM)	ug/kg	21 U	--	21 U	22 U	21 U	21 U	21 U	--	21 U	--	--	--
Di-n-Butylphthalate (8270C)	ug/kg	--	210 U	--	--	--	--	--	190 U	--	--	180 U	190 U
Di-n-Butylphthalate (8270C SIM)	ug/kg	12 J Z	--	9.2 J Z	9.8 J Z	7.6 J L, Z	21 U	21 U	--	21 U	21 U	--	--
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	21 J Z	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	5.0 J Z	1.9 U	2.0 U	7.9	1.9 U	1.9 U	--	1.9 U	2.0 U	5.9 J Z	5.5 J Z
Butylbenzylphthalate (8270C)	ug/kg	200 U	210 U	--	--	--	--	--	190 U	--	--	180 U	190 U
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	--	21 U	22 U	21 U	21 U	21 U	--	21 U	21 U	--	--
N-Nitrosodiphenylamine	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	10 U	1.9 U	2.0 U	1.0 J Z	1.9 U	1.9 U	9.7 U	1.9 U	2.0 U	9.2 U	9.7 U
Carbazole	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	130 J Z	200 U	200 U	180 U	190 U
Pentachlorophenol	ug/kg	590 U	630 U	580 U	600 U	580 U	570 U	580 U	580 U	590 U	590 U	550 U	580 U
2,4,6-Trichlorophenol	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
2-Nitroaniline	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
2-Nitrophenol	ug/kg	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	10 U	1.9 U	2.0 U	0.82 J Z	1.9 U	1.9 U	9.7 U	1.9 U	2.0 U	9.2 U	9.7 U
Naphthalene (8270C)	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-194-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10	SL-195-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-195-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5	SL-195-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10	SL-196-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-196-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-196-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-197-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-197-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-197-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-198-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-198-SA5DN-SB-4.0-5.0 08/05/2011 DE218 4 5
Naphthalene (8270C SIM)	ug/kq	1.9 U	10 U	1.9 U	2.0 U	1.8 J Z	1.9 U	1.9 U	6.7 J Z	1.9 U	2.0 U	9.2 U	9.7 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	10 U	1.9 U	2.0 U	1.3 J Z	1.9 U	1.9 U	9.7 U	1.9 U	2.0 U	9.2 U	9.7 U
2-Chloronaphthalene	ug/kq	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
3,3'-Dichlorobenzidine	ug/kq	390 U	420 U	390 U	400 U	380 U	380 U	390 U	390 U	390 U	400 U	370 U	390 U
Benzidine	ug/kq	3900 U	4200 U	3900 U	4000 U	3800 U	3800 U	3900 U	3900 U	3900 U	4000 U	3700 U	3900 U
2-Methylphenol	ug/kq	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
2-Chlorophenol	ug/kq	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
2,4,5-Trichlorophenol	ug/kq	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
3-Nitroaniline	ug/kq	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 U	180 U	190 U
Benzyl Alcohol	ug/kq	590 U	630 U	580 U	600 U	580 U	570 U	580 U	580 U	590 U	590 U	550 U	580 U
2,6-Dinitrotoluene	ug/kq	200 U	210 U	190 U	200 U	190 U	190 U	190 U	190 U	200 U	200 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-198-SA5DN-SB-9.0-10.0 08/05/2011 DE18 9 10	SL-199-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-199-SA5DN-SB-4.0-5.0 07/11/2011 DE197 4 5	SL-199-SA5DN-SB-9.0-10.0 07/11/2011 DE197 9 10	SL-200-SA5DN-SS-0.0-0.5 05/25/2011 DE164 0 0.5	SL-200-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-200-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-201-SA5DN-SS-0.0-0.5 05/25/2011 DE164 0 0.5	SL-201-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-201-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-202-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-202-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5
Chemical Name	Unit											
N-Nitrosodimethylamine (1625C)	ug/kg	101	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U	9.3 U	2.0 U
2,4-Dinitrotoluene	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Nitrobenzene	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
1,4-Dichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
1,2,4-Trichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
1,3-Dichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Hexachlorobutadiene	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
1,2-Dichlorobenzene	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
4-Nitroaniline	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
4-Nitrophenol	ug/kg	560 U	550 U	580 U	560 U	580 U	580 U	590 U	580 U	580 U	550 U	600 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
2,4-Dimethylphenol	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
4-Methylphenol	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
4-Chloroaniline	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
3,5-Dimethylphenol	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Phenol	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	370 UJ B, L	--	29 J Z	--	20 J Z	390 U B	--	--	370 U	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	20 U	--	7.5 J Z	--	21 U	21 U B	--	21 U B	21 U B	--	22 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	180 U	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	20 U	20 U	21 U	20 U	21 U	7.0 J FD, Z	7.1 J Z	21 U	9.5 J Z	21 U	--
Hexachlorobenzene	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U	9.3 U	2.0 U
2,4-Dichlorophenol	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
1,2-Diphenylhydrazine	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	4.6	1.9 U	1.9 U	1.1 J Z	1.9 U	2.0 U	1.9 J FD, Z	1.9 U	11	2.0 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	180 U	--
Dimethylphthalate (8270C SIM)	ug/kg	20 U	20 U	21 U	20 U	21 U	21 U	21 U	21 U	21 U	--	22 U
Dibenzofuran	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.9 U	1.2 J Z	1.9 U	1.9 U	1.9 U	2.0 U	0.99 J FD, Z	1.9 U	1.9 U	6.7 J Z	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	1.3 J Z	1.9 U	1.9 U	1.9 U	2.0 U	0.82 J FD, Z	1.9 U	1.9 U	9.3 U	2.0 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	7.7 J L	1.9 U	1.9 U	3.1	1.9 U	2.0 U	4.9	1.9 U	14	0.90 J Z
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	5.5	1.9 U	1.9 U	1.5 J Z	1.9 U	2.0 U	2.4 J FD	1.9 U	16	2.0 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9 U	6.7 J L	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U	5.7 J Z	2.0 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U	9.3 U	2.0 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	4.7	1.9 U	1.9 U	1.1 J Z	1.9 U	2.0 U	1.7 J Z	1.9 U	9.8	0.67 J Z
bis(2-Chloroisopropyl) ether	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	3.1 J L	1.9 U	1.9 U	1.9 U	2.0 U	1.1 J Z	1.9 U	1.9 U	8.9 J Z	2.0 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1200 U	1100 U	1200 U	1200 U	1200 U	1200 U	1200 U	1100 UJ L	1200 UJ L
4,6-Dinitro-2-Methylphenol	ug/kg	560 U	550 U	580 U	560 U	580 U	580 U	590 U	580 U	580 U	550 U	600 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	2.0 U	2.0 U	1.9 U	1.9 U	9.3 U	2.0 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	1.9 U	2.2	1.9 U	1.9 U	1.9 U	2.0 U	0.87 J FD, Z	1.9 U	1.9 U	7.9 J Z	2.0 U
4-Chloro-3-Methylphenol	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Aniline	ug/kg	560 U	550 U	580 U	560 U	580 U	580 U	590 U	580 U	580 U	550 U	600 U
Benzoic Acid	ug/kg	560 U	550 U	580 U	560 U	580 U	580 U	590 U	580 U	580 U	550 U	600 U
Hexachloroethane	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
4-Chlorophenyl Phenylether	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Hexachlorocyclopentadiene	ug/kg	560 U	550 U	580 U	560 U	580 U	580 U	590 U	580 U	580 U	550 U	600 U
Isophorone	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 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	2.0 U	2.0 U	1.9 U	1.9 U	9.3 U	2.0 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	180 U	--
Diethylphthalate (8270C SIM)	ug/kg	20 U	20 U	21 U	20 U	21 U	21 U	21 U	21 U	21 U	--	22 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	190 U	190 U	--	190 U	--	190 U	190 U	180 U	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	20 U	20 U	--	--	21 U	21 U B	--	21 U	--	--	22 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9 U	2.7	1.9 U	1.9 U	1.5 J Z	1.9 U	2.0 U	2.0 J FD	1.9 U	5.8 J Z	2.0 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	180 U	--
Butylbenzylphthalate (8270C SIM)	ug/kg	20 U	20 U	21 U	20 U	21 U	21 U	21 UJ FD	21 U	21 U	--	22 U
N-Nitrosodiphenylamine	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U	9.3 U	2.0 U
Carbazole	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Pentachlorophenol	ug/kg	560 U	550 U	580 U	560 U	580 U	580 U	590 U	580 U	580 U	550 U	600 U
2,4,6-Trichlorophenol	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
2-Nitroaniline	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
2-Nitrophenol	ug/kg	190 U	180 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	2.0 U	1.9 U	1.9 U	9.3 U	2.0 U
Naphthalene (8270C)	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-198-SA5DN-SB-9.0-10.0 08/05/2011 DE218 9 10	SL-199-SA5DN-SS-0.0-0.5 05/25/2011 DE163 0 0.5	SL-199-SA5DN-SB-4.0-5.0 07/11/2011 DE197 4 5	SL-199-SA5DN-SB-9.0-10.0 07/11/2011 DE197 9 10	SL-200-SA5DN-SS-0.0-0.5 05/25/2011 DE164 0 0.5	SL-200-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-200-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-201-SA5DN-SS-0.0-0.5 05/25/2011 DE164 0 0.5	SL-201-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-201-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-202-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-202-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5
Naphthalene (8270C SIM)	ug/kq	1.9 U	1.3 J Z	1.9 U	1.9 U	1.0 J Z	1.9 U	2.0 U	1.4 J Q, E, Z	1.9 U	1.9 U	9.3 U	2.0 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	1.9 U	0.97 J Z	1.9 U	1.9 U	1.9 U	1.9 U	2.0 U	0.93 J FD, Z	1.9 U	1.9 U	9.3 U	2.0 U
2-Chloronaphthalene	ug/kq	190 U	180 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
3,3'-Dichlorobenzidine	ug/kq	370 U	370 U	390 U	370 U	390 U	380 U	390 U	390 U	390 U	390 U	370 U	400 U
Benzidine	ug/kq	3700 U	3700 U	3900 U	3700 U	3900 U	3800 U	3900 U	3900 UJ Q	3900 U	3900 U	3700 U	4000 U
2-Methylphenol	ug/kq	190 U	180 U	190 U	190 U	190 U	190 UJ Q	190 U	200 U	190 U	190 U	180 U	200 U
2-Chlorophenol	ug/kq	190 U	180 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
2,4,5-Trichlorophenol	ug/kq	190 U	180 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
3-Nitroaniline	ug/kq	190 U	180 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U
Benzyl Alcohol	ug/kq	560 U	550 U	580 U	560 U	580 U	580 U	580 U	590 U	580 U	580 U	550 U	600 U
2,6-Dinitrotoluene	ug/kq	190 U	180 U	190 U	190 U	190 U	190 U	190 U	200 U	190 U	190 U	180 U	200 U

Sample Name Sample Date SDG Start Depth End Depth		SL-202-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-203-SA5DN-SS-0.0-0.5 05/24/2011 DE161 0 0.5	SL-203-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-203-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-204-SA5DN-SS-0.0-0.5 05/24/2011 DE161 0 0.5	SL-204-SA5DN-SB-4.0-5.0 08/04/2011 DE216 4 5	SL-204-SA5DN-SB-9.0-10.0 08/04/2011 DE216 9 10	SL-205-SA5DN-SS-0.0-0.5 05/25/2011 DE164 0 0.5	SL-205-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-205-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-206-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-206-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	2.0 U	2.0 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	1.9 U	1.9 U
2,4-Dinitrotoluene	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
Nitrobenzene	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
Hexachlorobutadiene	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
4-Nitroaniline	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
4-Nitrophenol	ug/kg	590 U	590 U	590 U	580 U	590 U	550 U	580 U	580 U	580 U	580 U	560 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
2,4-Dimethylphenol	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
4-Methylphenol	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
4-Chloroaniline	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
Phenol	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	53 J Z	--	--	58 J Z	--	--	390 U B	35 J Z	24 J Z	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	21 U	--	21 U B	21 U B	--	41	17 J Z	--	--	--	13 J Z	20 U
Di-N-Octyl Phthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Di-N-Octyl Phthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	21 U	21 U	20 U	21 U	21 U	7.3 J Z	21 U	20 U	20 U
Hexachlorobenzene	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
Anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene (8270C SIM)	ug/kg	2.0 U	14	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	31	1.9 U
2,4-Dichlorophenol	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	2.0 U	120	1.9 U	1.9 U	1.0 J Z	1.8 U	1.9 U	1.1 J Z	1.9 U	2.0 U	390	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dimethylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	21 U	21 U	20 U	21 U	21 U	21 U	21 U	20 U	20 U
Dibenzofuran	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 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	2.0 U	26	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	0.79 J Z	1.9 U	2.0 U	37	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	27	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	49	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	2.0 U	110	1.9 U	1.9 U	1.2 J Z	1.8 U	1.9 U	4.1	1.9 U	2.0 U	450	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	2.0 U	140	1.9 U	1.9 U	2.3	1.8 U	1.9 U	1.4 J Z	1.9 U	2.0 U	450	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	2.0 U	49 J L	1.9 U	1.9 U	4.2 J L	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	160	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene (8270C SIM)	ug/kg	2.0 U	2.0 U	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	0.73 J Z	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	2.0 U	78	1.9 U	1.9 U	0.89 J Z	0.43 J Z	1.9 U	3.5	1.9 U	2.0 U	260	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	200 U	200 U	200 U	190 U	200 U	180 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	2.0 U	77 J L	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	0.84 J Z	1.9 U	2.0 U	240	1.9 U
2,4-Dinitrophenol	ug/kg	1200 U	1200 U	1200 U	1200 U	1200 U	1100 U	1200 U	1200 U	1200 U	1200 U	1100 U	1100 U J L
4,6-Dinitro-2-Methylphenol	ug/kg	590 U	590 U	590 U	580 U	590 U	550 U	580 U	580 U	580 U	580 U	560 U	570 U J L
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	2.0 U	9	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	19	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	2.0 U	64	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	290	1.9 U
4-Chloro-3-Methylphenol	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
Aniline	ug/kg	590 U	590 U	590 U	580 U	590 U	550 U	580 U	580 U	580 U	580 U	560 U	570 U
Benzoic Acid	ug/kg	590 U	590 U	590 U	580 U	590 U	550 U	580 U	580 U	580 U	580 U	560 U	570 U
Hexachloroethane	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	590 U	590 U	590 U	580 U	590 U	550 U	580 U	580 U	580 U	580 U	560 U	570 U
Isophorone	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
Acenaphthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthene (8270C SIM)	ug/kg	2.0 U	6.6	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	9.7	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Diethylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	21 U	21 U	20 U	21 U	21 U	21 U	21 U	20 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	190 U	190 U	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	21 U	21 U	13 J Z	12 J Z	21 U	--	--	20 U	20 U
Phenanthrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene (8270C SIM)	ug/kg	2.0 U	62	1.9 U	1.9 U	1.1 J Z	1.8 U	1.9 U	0.98 J Z	1.9 U	2.0 U	160	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	21 U	21 U	21 U	21 U	21 U	8.2 J L, Z	21 U	9.5 J Z	21 U	21 U	20 U	20 U
N-Nitrosodiphenylamine	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
Fluorene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene (8270C SIM)	ug/kg	2.0 U	4.1	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	6.8	1.9 U
Carbazole	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
Pentachlorophenol	ug/kg	590 U	590 U	590 U	580 U	590 U	550 U	580 U	580 U	580 U	580 U	560 U	570 U
2,4,6-Trichlorophenol	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
2-Nitroaniline	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
2-Nitrophenol	ug/kg	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	2.0 U	1.1 J Z	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	0.96 J Z	1.9 U
Naphthalene (8270C)	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-202-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-203-SA5DN-SS-0.0-0.5 05/24/2011 DE161 0 0.5	SL-203-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-203-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-204-SA5DN-SS-0.0-0.5 05/24/2011 DE161 0 0.5	SL-204-SA5DN-SB-4.0-5.0 08/04/2011 DE216 4 5	SL-204-SA5DN-SB-9.0-10.0 08/04/2011 DE216 9 10	SL-205-SA5DN-SS-0.0-0.5 05/25/2011 DE164 0 0.5	SL-205-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-205-SA5DN-SB-9.0-10.0 07/06/2011 DE194 9 10	SL-206-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5	SL-206-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5
Naphthalene (8270C SIM)	ug/kq	2.0 U	2.6	1.9 U	1.9 U	1.1 J Z	1.8 U	1.9 U	1.1 J Z	1.9 U	2.0 U	4	1.9 U
2-Methylnaphthalene (8270C)	ug/kq	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene (8270C SIM)	ug/kq	2.0 U	1.3 J Z	1.9 U	1.9 U	2.0 U	1.8 U	1.9 U	1.9 U	1.9 U	2.0 U	1.4 J Z	1.9 U
2-Chloronaphthalene	ug/kq	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
3,3'-Dichlorobenzidine	ug/kq	390 U	390 U	390 U	390 U	390 U	370 U	390 U	390 U	390 U	390 U	380 U	380 U
Benzidine	ug/kq	3900 U	3900 U	3900 U	3900 U	3900 U	3700 U	3900 U	3900 U	3900 U	3900 U	3800 U	3800 U
2-Methylphenol	ug/kq	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
2-Chlorophenol	ug/kq	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kq	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
3-Nitroaniline	ug/kq	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U
Benzyl Alcohol	ug/kq	590 U	590 U	590 U	580 U	590 U	550 U	580 U	580 U	580 U	580 U	560 U	570 U
2,6-Dinitrotoluene	ug/kq	200 U	200 U	200 U	190 U	200 U	180 U	190 U	190 U	190 U	190 U	190 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-207-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-207-SA5DN-SB-4.0-5.0 08/11/2011 DE222 4 5
Chemical Name	Unit		
N-Nitrosodimethylamine (1625C)	ng/kg	358 U	37.9 U
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.8 U	1.9 U
2,4-Dinitrotoluene	ug/kg	180 U	190 U
Nitrobenzene	ug/kg	180 U	190 U
1,4-Dichlorobenzene	ug/kg	180 U	190 U
1,2,4-Trichlorobenzene	ug/kg	180 U	190 U
1,3-Dichlorobenzene	ug/kg	180 U	190 U
Hexachlorobutadiene	ug/kg	180 U	190 U
1,2-Dichlorobenzene	ug/kg	180 U	190 U
4-Nitroaniline	ug/kg	180 U	190 U
4-Nitrophenol	ug/kg	540 U	570 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	190 U
2,4-Dimethylphenol	ug/kg	180 U	190 U
4-Methylphenol	ug/kg	180 U	190 U
4-Chloroaniline	ug/kg	180 U	190 U
3,5-Dimethylphenol	ug/kg	180 U	190 U
Phenol	ug/kg	180 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	360 U	--
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	19 U	20 U
Hexachlorobenzene	ug/kg	180 U	190 U
Anthracene (8270C)	ug/kg	--	--
Anthracene (8270C SIM)	ug/kg	1.8 U	1.9 U
2,4-Dichlorophenol	ug/kg	180 U	190 U
1,2-Diphenylhydrazine	ug/kg	180 U	190 U
Pyrene (8270C)	ug/kg	--	--
Pyrene (8270C SIM)	ug/kg	4.2	1.9 U
Dimethylphthalate (8270C)	ug/kg	--	--
Dimethylphthalate (8270C SIM)	ug/kg	19 U	20 U
Dibenzofuran	ug/kg	180 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.8	1.9 U
Indeno(1,2,3-Cd)Pyrene (8270C)	ug/kg	--	--
Indeno(1,2,3-Cd)Pyrene (8270C SIM)	ug/kg	1.5 J Z	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	6.1	1.9 U
Fluoranthene (8270C)	ug/kg	--	--
Fluoranthene (8270C SIM)	ug/kg	6.1 J L	1.9 U
Benzo(k)fluoranthene (8270C)	ug/kg	--	--
Benzo(k)fluoranthene (8270C SIM)	ug/kg	1.9	1.9 U
Acenaphthylene (8270C)	ug/kg	--	--
Acenaphthylene (8270C SIM)	ug/kg	1.8 U	1.9 U
Chrysene (8270C)	ug/kg	--	--
Chrysene (8270C SIM)	ug/kg	4.9	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	180 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	2.7	1.9 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	540 U	570 U
Dibenzo(a,h)anthracene (8270C)	ug/kg	--	--
Dibenzo(a,h)anthracene (8270C SIM)	ug/kg	1.8 U	1.9 U
Benzo(a)anthracene (8270C)	ug/kg	--	--
Benzo(a)anthracene (8270C SIM)	ug/kg	2	1.9 U
4-Chloro-3-Methylphenol	ug/kg	180 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	190 U
Aniline	ug/kg	540 U	570 U
Benzoic Acid	ug/kg	540 U	570 U
Hexachloroethane	ug/kg	180 U	190 U
4-Chlorophenyl Phenylether	ug/kg	180 U	190 U
Hexachlorocyclopentadiene	ug/kg	540 U	570 U
Isophorone	ug/kg	180 U	190 U
Acenaphthene (8270C)	ug/kg	--	--
Acenaphthene (8270C SIM)	ug/kg	1.8 U	1.9 U
Diethylphthalate (8270C)	ug/kg	--	--
Diethylphthalate (8270C SIM)	ug/kg	19 U	20 U
Di-n-Butylphthalate (8270C)	ug/kg	--	--
Di-n-Butylphthalate (8270C SIM)	ug/kg	6.9 J L, Z	20 U
Phenanthrene (8270C)	ug/kg	--	--
Phenanthrene (8270C SIM)	ug/kg	1.9	1.9 U
Butylbenzylphthalate (8270C)	ug/kg	--	--
Butylbenzylphthalate (8270C SIM)	ug/kg	19 U	20 U
N-Nitrosodiphenylamine	ug/kg	180 U	190 U
Fluorene (8270C)	ug/kg	--	--
Fluorene (8270C SIM)	ug/kg	1.8 U	1.9 U
Carbazole	ug/kg	180 U	190 U
Pentachlorophenol	ug/kg	540 U	570 U
2,4,6-Trichlorophenol	ug/kg	180 U	190 U
2-Nitroaniline	ug/kg	180 U	190 U
2-Nitrophenol	ug/kg	180 U	190 U
1-Methylnaphthalene (8270C)	ug/kg	--	--
1-Methylnaphthalene (8270C SIM)	ug/kg	1.8 U	1.9 U
Naphthalene (8270C)	ug/kg	--	--

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

Sample Name		SL-207-SA5DN-SS-0.0-0.5	SL-207-SA5DN-SB-4.0-5.0
Sample Date		06/03/2011	08/11/2011
SDG		DE173	DE222
Start Depth		0	4
End Depth		0.5	5
Naphthalene (8270C SIM)	ug/kg	1.8 U	1.9 U
2-Methylnaphthalene (8270C)	ug/kg	--	--
2-Methylnaphthalene (8270C SIM)	ug/kg	1.8 U	1.9 U
2-Chloronaphthalene	ug/kg	180 U	190 U
3,3'-Dichlorobenzidine	ug/kg	360 U	380 U
Benzidine	ug/kg	3600 U	3800 U
2-Methylphenol	ug/kg	180 U	190 U
2-Chlorophenol	ug/kg	180 U	190 U
2,4,5-Trichlorophenol	ug/kg	180 U	190 U
3-Nitroaniline	ug/kg	180 U	190 U
Benzyl Alcohol	ug/kg	540 U	570 U
2,6-Dinitrotoluene	ug/kg	180 U	190 U

Sample Name	Sample Date	SL-001-SA5DN-SB-5.5-6.5	SL-002-SA5DN-SB-4.0-5.0	SL-003-SA5DN-SB-0.5-1.5	SL-003-SA5DN-SB-8.0-9.0	SL-004-SA5DN-SB-3.5-4.5	SL-004-SA5DN-SB-9.0-10.0	SL-005-SA5DN-SB-4.0-5.0	SL-008-SA5DN-SB-4.0-5.0	SL-010-SA5DN-SB-4.0-5.0	SL-012-SA5DN-SS-0.0-0.5	SL-012-SA5DN-SB-4.0-5.0
SDG	Start Depth	05/17/2011	05/16/2011	05/16/2011	05/16/2011	05/16/2011	05/16/2011	05/17/2011	05/31/2011	05/31/2011	05/23/2011	08/09/2011
End Depth	Unit	DE153	DE151	DE151	DE151	DE151	DE151	DE153	DE168	DE168	DE160	DE220
Chemical Name	Unit	5.5	4	0.5	8	3.5	9	4	4	4	0	4
Chemical Name	Unit	6.5	5	1.5	9	4.5	10	5	5	5	0.5	5
GRO (C5-C12)	mg/kg	--	--	1.0 U	1.1 U	1.2 U	1 U	--	--	--	--	1.0 U
EFH (C12-C14)	mg/kg	--	--	2.9 U	2.7 U	1.4 U	1.4 U	--	--	--	34 R Q	1.3 U
EFH (C15-C20)	mg/kg	--	--	1.8 J Z	1.4 J Z	1.4 U	1.4 U	--	--	--	34 R Q	1.3 U
EFH (C21-C30)	mg/kg	--	--	11	9	1.4 U	2.2	--	--	--	62	1.9
EFH (C30-C40)	mg/kg	--	--	68	47	0.93 J Z	17	--	--	--	220	4.6
EFH (C8-C11)	mg/kg	--	--	2.9 U	2.7 U	1.4 U	1.4 U	--	--	--	34 R Q	1.3 U
1,4-Dichlorobenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,2,4-Trichlorobenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,3-Dichlorobenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Hexachlorobutadiene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,2-Dichlorobenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Isopropyltoluene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Ethylbenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Styrene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
cis-1,3-Dichloropropene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
trans-1,3-Dichloropropene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
N-Propylbenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
N-Butylbenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
4-Chlorotoluene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,2-Dibromoethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,2-Dichloroethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
4-Methyl-2-Pentanone	ug/kg	8.1 U	8.0 U	8.4 U	9.2 U	8.0 U	7.9 U	8.9 U	8.7 U	8.4 U	--	--
1,3,5-Trimethylbenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Bromobenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Toluene	ug/kg	4.1 U	0.08 J Z	0.13 J Z	0.12 J Z	0.15 J Z	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Chlorobenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
2-Chloroethyl Vinyl Ether	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,4-Dioxane	ug/kg	16 U	15 U	16 U	15 U	16 U	15 U	16 U	15 U	15 U	--	--
Dibromochloromethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Tetrachloroethene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
sec-Butylbenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,3-Dichloropropane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
cis-1,2-Dichloroethene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
trans-1,2-Dichloroethene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Methyl tert-Butyl Ether	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
m,p-Xylene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Carbon tetrachloride	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,1-Dichloropropene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
2-Hexanone	ug/kg	8.1 U	8.0 U	8.4 U	9.2 U	8.0 U	7.9 U	8.9 U	8.7 U	8.4 U	--	--
2,2-Dichloropropane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,1,1,2-Tetrachloroethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Acetone	ug/kg	8.1 U	8.0 U	22	9.2 U	15	7.9 U	8.9 U	8.7 U B	8.4 U B	--	--
Chloroform	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Benzene	ug/kg	4.1 U	4.0 U	0.21 J Z	4.6 U	0.17 J Z	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,1,1-Trichloroethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Bromomethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Chloromethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Dibromomethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Bromochloromethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Chloroethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Vinyl Chloride	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Methylene chloride	ug/kg	4.1 U B	4.5	5.1	4.6 U B	4.0 U B	3.9 U B	4.5 U B	4.3 U B	4.2 U B	--	--
Bromoform	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Bromodichloromethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,1-Dichloroethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,1-Dichloroethene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Trichlorofluoromethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Dichlorodifluoromethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Freon 113a	ug/kg	5.1 U	5.0 U	5.2 U	5.8 U	5.0 U	4.9 U	5.6 U	5.4 U	5.2 U	--	--
Freon 113	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,2-Dichloropropane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
2-Butanone	ug/kg	8.1 U	8.0 U	3.9 J Z	9.2 U	3.2 J Z	7.9 U	8.9 U	8.7 U	8.4 U	--	--
1,1,2-Trichloroethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Trichloroethene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,1,2,2-Tetrachloroethane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Chlorotrifluoroethene	ug/kg	5.1 U	5.0 U	5.2 U	5.8 U	5.0 U	4.9 U	5.6 U	5.4 U	5.2 U	--	--
1,2,3-Trichlorobenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
o-Xylene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
2-Chlorotoluene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,2,4-Trimethylbenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,2-Dibromo-3-chloropropane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
1,2,3-Trichloropropane	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
tert-Butylbenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 U	4.2 U	--	--
Isopropylbenzene	ug/kg	4.1 U	4.0 U	4.2 U	4.6 U	4.0 U	3.9 U	4.5 U	4.3 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	SL-012-SA5DN-SB-9.0-10.0	SL-013-SA5DN-SS-0.0-0.5	SL-013-SA5DN-SB-4.0-5.0	SL-013-SA5DN-SB-9.0-10.0	SL-014-SA5DN-SS-0.0-0.5	SL-014-SA5DN-SB-4.0-5.0	SL-014-SA5DN-SB-9.0-10.0	SL-015-SA5DN-SS-0.0-0.5	SL-015-SA5DN-SB-4.0-5.0	SL-015-SA5DN-SB-12.0-13.0	SL-016-SA5DN-SS-0.0-0.5
SDG	08/09/2011	05/23/2011	05/31/2011	05/31/2011	05/31/2011	05/31/2011	05/31/2011	05/31/2011	05/23/2011	06/01/2011	06/01/2011	05/23/2011
Start Depth	DE220	DE160	DE168	DE168	DE160	DE169	DE169	DE169	DE159	DE170	DE170	DE159
End Depth	9	0	4	9	0	4	9	0	0	4	12	0
Unit	10	0.5	5	10	0.5	5	10	0.5	5	5	13	0.5
Chemical Name	Unit											
GRO (C5-C12)	mg/kg	1.0 U	--	1 U	1.1 U	--	1.1 U	1.1 U	--	0.3 J Z	0.9 U	--
EFH (C12-C14)	mg/kg	1.4 U	62 U	1.4 U	1.4 U	33 U	1.4 U	1.4 U	6.8 U	1.4 U	1.3 U	13 U
EFH (C15-C20)	mg/kg	1.4 U	62 U	1.4 U	1.4 U	33 U	1.4 U	1.4 U	14	0.54 J Z	1.3 U	8.2 J Z
EFH (C21-C30)	mg/kg	1.4 U	120	1.4 U	1.4 U	64	1.4 U	1.4 U	39	1.6	1.3 U	95
EFH (C30-C40)	mg/kg	0.68 J Z	62 U B	1.4 U	1.4 U	230	0.71 J FD, Z	0.54 J Z	180	5.3	1.3 U	450
EFH (C8-C11)	mg/kg	1.4 U	62 U	1.4 U	1.4 U	33 U	1.4 U	1.4 U	6.8 U	1.4 U	1.3 U	13 U
1,4-Dichlorobenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,2,4-Trichlorobenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,3-Dichlorobenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Hexachlorobutadiene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,2-Dichlorobenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Isopropyltoluene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Ethylbenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Styrene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
cis-1,3-Dichloropropene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
trans-1,3-Dichloropropene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
N-Propylbenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
N-Butylbenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
4-Chlorotoluene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,2-Dibromoethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,2-Dichloroethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
4-Methyl-2-Pentanone	ug/kg	--	--	7.7 U	8.5 U	--	8.0 U	8.4 U	--	8.7 U	7.3 U	--
1,3,5-Trimethylbenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Bromobenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Toluene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Chlorobenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
2-Chloroethyl Vinyl Ether	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,4-Dioxane	ug/kg	--	--	15 U	16 U	--	18 U	17 U	--	16 U	14 U	--
Dibromochloromethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Tetrachloroethene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
sec-Butylbenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,3-Dichloropropane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
cis-1,2-Dichloroethene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
trans-1,2-Dichloroethene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Methyl tert-Butyl Ether	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
m,p-Xylene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Carbon tetrachloride	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,1-Dichloropropene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
2-Hexanone	ug/kg	--	--	7.7 U	8.5 U	--	8.0 U	8.4 U	--	8.7 U	7.3 U	--
2,2-Dichloropropane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,1,1,2-Tetrachloroethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Acetone	ug/kg	--	--	7.7 U B	8.5 U B	--	8.0 U B	8.4 U B	--	8.7 U B	7.3 U B	--
Chloroform	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Benzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,1,1-Trichloroethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Bromomethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Chloromethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Dibromomethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Bromochloromethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Chloroethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Vinyl Chloride	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Methylene chloride	ug/kg	--	--	3.9 U B	4.3 U B	--	4.0 U B	4.2 U B	--	4.4 U B	3.7 U B	--
Bromoform	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Bromodichloromethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,1-Dichloroethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,1-Dichloroethene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Trichlorofluoromethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Dichlorodifluoromethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Freon 113a	ug/kg	--	--	4.8 U	5.3 U	--	5.0 U	5.2 U	--	5.5 U	4.6 U	--
Freon 113	ug/kg	--	--	3.9 U	4.3 U	--	0.19 J FD, Z	4.2 U	--	4.4 U	3.7 U	--
1,2-Dichloropropane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
2-Butanone	ug/kg	--	--	7.7 U	8.5 U	--	8.0 U	8.4 U	--	8.7 U	7.3 U	--
1,1,2-Trichloroethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Trichloroethene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,1,2,2-Tetrachloroethane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Chlorotrifluoroethene	ug/kg	--	--	4.8 U	5.3 U	--	5.0 UJ Q	5.2 U	--	5.5 U	4.6 U	--
1,2,3-Trichlorobenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
o-Xylene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
2-Chlorotoluene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,2,4-Trimethylbenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,2-Dibromo-3-chloropropane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
1,2,3-Trichloropropane	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
tert-Butylbenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 U	3.7 U	--
Isopropylbenzene	ug/kg	--	--	3.9 U	4.3 U	--	4.0 U	4.2 U	--	4.4 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-016-SA5DN-SB-4.0-5.0 06/02/2011 DE172 4 5	SL-016-SA5DN-SB-12.0-13.0 06/02/2011 DE172 12 13	SL-017-SA5DN-SB-4.0-5.0 06/01/2011 DE170 4 5	SL-018-SA5DN-SS-0.0-0.5 05/23/2011 DE160 0 0.5	SL-018-SA5DN-SB-4.0-5.0 06/01/2011 DE170 4 5	SL-018-SA5DN-SB-7.5-8.5 06/01/2011 DE172 7.5 8.5	SL-019-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-019-SA5DN-SB-4.0-5.0 06/03/2011 DE173 4 5	SL-019-SA5DN-SB-9.0-10.0 06/03/2011 DE173 9 10	SL-020-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-020-SA5DN-SB-3.5-4.5 06/15/2011 DE181 3.5 4.5
Chemical Name	Unit											
GRO (C5-C12)	mg/kg	1 U	0.9 U	--	--	1.2 U	1.0 U	--	1.2 U	1.2 U	--	0.9 U
EFH (C12-C14)	mg/kg	14 U	1.4 U	--	66 U	1.3 U	2.7 U	2.8 U	1.4 U	1.3 U	6.4 U	1.3 U
EFH (C15-C20)	mg/kg	70	1.4 U	--	66 U	1.3 U	2.7 U	5.4	1.4 U	1.3 U	5.8 J Z	1.3 U
EFH (C21-C30)	mg/kg	540	2.8	--	160	2.1	9.2	21	1.4 U	1.3 U	30	1.3 U
EFH (C30-C40)	mg/kg	290	7	--	710	5	28	61	1.4 U	1.3 U	190	1.4
EFH (C8-C11)	mg/kg	14 U	1.4 U	--	66 U	1.3 U	2.7 U	2.8 U	1.4 U	1.3 U	6.4 U	1.3 U
1,4-Dichlorobenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,2,4-Trichlorobenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,3-Dichlorobenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Hexachlorobutadiene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,2-Dichlorobenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Isopropyltoluene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Ethylbenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Styrene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
cis-1,3-Dichloropropene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
trans-1,3-Dichloropropene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
N-Propylbenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
N-Butylbenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
4-Chlorotoluene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,2-Dibromoethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,2-Dichloroethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
4-Methyl-2-Pentanone	ug/kg	8.7 U	9.6 U	8.1 U	--	9.2 U	8.6 U	--	9.3 UJ C	9.1 UJ C	--	7.7 U
1,3,5-Trimethylbenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Bromobenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Toluene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	0.13 J Z
Chlorobenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
2-Chloroethyl Vinyl Ether	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,4-Dioxane	ug/kg	14 U	15 U	16 U	--	19 U	17 U	--	17 U	16 U	--	14 U
Dibromochloromethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Tetrachloroethene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
sec-Butylbenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,3-Dichloropropane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
cis-1,2-Dichloroethene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
trans-1,2-Dichloroethene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Methyl tert-Butyl Ether	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
m,p-Xylene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Carbon tetrachloride	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,1-Dichloropropene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
2-Hexanone	ug/kg	8.7 U	9.6 U	8.1 U	--	9.2 U	8.6 U	--	9.3 UJ C	9.1 UJ C	--	7.7 U
2,2-Dichloropropane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,1,1,2-Tetrachloroethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Acetone	ug/kg	8.7 U B	9.6 U B	8.1 U B	--	9.2 U B	8.6 U B	--	9.3 UJ B, C	9.1 UJ B, C	--	11
Chloroform	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Benzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,1,1-Trichloroethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Bromomethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Chloromethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Dibromomethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Bromochloromethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Chloroethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Vinyl Chloride	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Methylene chloride	ug/kg	4.3 U B	4.8 U B	4.0 U B	--	4.6 U B	4.3 U B	--	4.6 U B	4.5 U B	--	3.9 U B
Bromoform	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Bromodichloromethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,1-Dichloroethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,1-Dichloroethene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Trichlorofluoromethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Dichlorodifluoromethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Freon 113a	ug/kg	5.4 U	6.0 U	5.1 U	--	5.8 U	5.4 U	--	5.8 U	5.7 U	--	4.8 U
Freon 113	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,2-Dichloropropane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
2-Butanone	ug/kg	8.7 U	9.6 U	8.1 U	--	9.2 U	8.6 U	--	9.3 UJ C	9.1 UJ C	--	7.7 U
1,1,2-Trichloroethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Trichloroethene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,1,2,2-Tetrachloroethane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Chlorotrifluoroethene	ug/kg	5.4 U	6.0 U	5.1 U	--	5.8 U	5.4 U	--	5.8 U	5.7 U	--	4.8 U
1,2,3-Trichlorobenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
o-Xylene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
2-Chlorotoluene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,2,4-Trimethylbenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
1,2-Dibromo-3-chloropropane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 UJ C	4.5 UJ C	--	3.9 U
1,2,3-Trichloropropane	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
tert-Butylbenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 U
Isopropylbenzene	ug/kg	4.3 U	4.8 U	4.0 U	--	4.6 U	4.3 U	--	4.6 U	4.5 U	--	3.9 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-021-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-021-SA5DN-SB-4.0-5.0 06/02/2011 DE172 4 5	SL-021-SA5DN-SB-19.5-20.5 06/02/2011 DE172 19.5 20.5	SL-022-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-022-SA5DN-SB-4.0-5.0 06/06/2011 DE174 4 5	SL-022-SA5DN-SB-15.0-16.0 06/06/2011 DE174 15 16	SL-023-SA5DN-SS-0.0-0.5 05/23/2011 DE159 0 0.5	SL-023-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-023-SA5DN-SB-20.0-21.0 06/08/2011 DE176 20 21	SL-024-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-024-SA5DN-SB-4.0-5.0 06/07/2011 DE175 4 5
Chemical Name Unit												
GRO (C5-C12)	mg/kg	--	1.1 U	1.0 U	--	1 U	1 U	--	1 U	0.9 U	--	1.0 U
EFH (C12-C14)	mg/kg	1.4 U	1.4 U	1.3 U	14 UJ FD	1.4 U	1.3 U	1.4 U	1.4 U	1.3 U	7.0 U	1.4 U
EFH (C15-C20)	mg/kg	3.9	1.4 U	1.3 U	6.4 J FD, Z	1.4 U	1.3 U	5.1	1.4 U	1.3 U	4.4 J Z	1.4 U
EFH (C21-C30)	mg/kg	20	3	1.3 U	60	3.1	1.3 U	11	0.47 J Z	1.3 U	38	1.4 U
EFH (C30-C40)	mg/kg	26	5.3	1.3 U	290	1.4 U B	1.3 U	40	1.6	0.70 J Z	99	1.4 U B
EFH (C8-C11)	mg/kg	1.4 U	1.4 U	1.3 U	14 U	1.4 U	1.3 U	1.4 U	1.4 U B	1.3 U B	7.0 U	1.4 U
1,4-Dichlorobenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,2,4-Trichlorobenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,3-Dichlorobenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Hexachlorobutadiene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,2-Dichlorobenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Isopropyltoluene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Ethylbenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Styrene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
cis-1,3-Dichloropropene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
trans-1,3-Dichloropropene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
N-Propylbenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
N-Butylbenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
4-Chlorotoluene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,2-Dibromoethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,2-Dichloroethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
4-Methyl-2-Pentanone	ug/kg	--	9.1 U	8.4 U	--	8.2 U	8.1 U	--	7.9 U	7.8 U	--	8.0 U
1,3,5-Trimethylbenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Bromobenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Toluene	ug/kg	--	0.1 J Z	4.2 U	--	4.1 U	0.15 J Z	--	4.0 U B	3.9 U B	--	4.0 U B
Chlorobenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
2-Chloroethyl Vinyl Ether	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,4-Dioxane	ug/kg	--	16 U	16 U	--	14 U	16 U	--	15 U	14 U	--	14 U
Dibromochloromethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Tetrachloroethene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
sec-Butylbenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,3-Dichloropropane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
cis-1,2-Dichloroethene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
trans-1,2-Dichloroethene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Methyl tert-Butyl Ether	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
m,p-Xylene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Carbon tetrachloride	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,1-Dichloropropene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
2-Hexanone	ug/kg	--	9.1 U	8.4 U	--	8.2 U	8.1 U	--	7.9 U	7.8 U	--	8.0 U
2,2-Dichloropropane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,1,1,2-Tetrachloroethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Acetone	ug/kg	--	9.1 U	8.4 U B	--	8.2 U	8.1 U B	--	7.9 U B	7.8 U B	--	8.0 U B
Chloroform	ug/kg	--	4.5 U	4.2 U	--	0.17 J Z	0.17 J Z	--	4.0 U	3.9 U	--	4.0 U
Benzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,1,1-Trichloroethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Bromomethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Chloromethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Dibromomethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Bromochloromethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Chloroethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Vinyl Chloride	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Methylene chloride	ug/kg	--	4.5 U B	4.2 U B	--	4.1 U B	4.0 U B	--	4.0 UJ B, L	3.9 UJ B, L	--	4.0 U B
Bromoform	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Bromodichloromethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,1-Dichloroethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,1-Dichloroethene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Trichlorofluoromethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Dichlorodifluoromethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Freon 113a	ug/kg	--	5.7 U	5.2 U	--	5.1 U	5.0 U	--	4.9 U	4.9 U	--	5.0 U
Freon 113	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,2-Dichloropropane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
2-Butanone	ug/kg	--	9.1 U	8.4 U	--	8.2 U	8.1 U	--	7.9 U	7.8 U	--	8.0 U
1,1,2-Trichloroethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Trichloroethene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,1,2,2-Tetrachloroethane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Chlorotrifluoroethene	ug/kg	--	5.7 U	5.2 U	--	5.1 U	5.0 U	--	4.9 U	4.9 U	--	5.0 U
1,2,3-Trichlorobenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
o-Xylene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
2-Chlorotoluene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,2,4-Trimethylbenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,2-Dibromo-3-chloropropane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
1,2,3-Trichloropropane	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
tert-Butylbenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U
Isopropylbenzene	ug/kg	--	4.5 U	4.2 U	--	4.1 U	4.0 U	--	4.0 U	3.9 U	--	4.0 U

Sample Name Sample Date SDG Start Depth End Depth		SL-024-SA5DN-SB-19.0-20.0 06/07/2011 DE175 19 20	SL-025-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-025-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-025-SA5DN-SB-23.0-24.0 06/08/2011 DE176 23 24	SL-026-SA5DN-SS-0.0-0.5 05/20/2011 DE176 0 0.5	SL-026-SA5DN-SB-4.0-5.0 06/07/2011 DE175 4 5	SL-026-SA5DN-SB-17.0-18.0 06/07/2011 DE175 17 18	SL-027-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-027-SA5DN-SB-4.0-5.0 06/03/2011 DE173 4 5	SL-027-SA5DN-SB-14.0-15.0 06/03/2011 DE173 14 15	SL-028-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5
Chemical Name	Unit											
GRO (C5-C12)	mg/kg	1.0 U	--	1.1 U	1.0 U	--	1 U	0.9 U	--	1.1 U	1.1 U	--
EFH (C12-C14)	mg/kg	1.3 U	1.4 U	1.4 U	1.3 U	6.9 U	2.9 U	6.5 U	7.0 U	1.4 U	1.3 U	7.0 U
EFH (C15-C20)	mg/kg	1.3 U	4.3	1.4 U	1.3 U	4.3 J Z	1.2 J Z	6.5 U	5.2 J Z	1.4 U	1.3 U	4.5 J Z
EFH (C21-C30)	mg/kg	1.3 U	18	1.4 U	1.3 U	27	20	37	29	3.8	5.1	39
EFH (C30-C40)	mg/kg	1.3 U	23	1.2 J Z	0.49 J Z	85	36	170	140	6.4	8.3	130
EFH (C8-C11)	mg/kg	1.3 U	1.4 U	1.4 U B	1.3 U B	6.9 U	2.9 U	6.5 U	7.0 U	1.4 U	1.3 U	7.0 U
1,4-Dichlorobenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,2,4-Trichlorobenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,3-Dichlorobenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Hexachlorobutadiene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,2-Dichlorobenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Isopropyltoluene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Ethylbenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Styrene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
cis-1,3-Dichloropropene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
trans-1,3-Dichloropropene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
N-Propylbenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
N-Butylbenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
4-Chlorotoluene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,2-Dibromoethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,2-Dichloroethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
4-Methyl-2-Pentanone	ug/kg	7.4 U	--	7.9 U	8.6 U	--	8.2 U	8.1 U	--	8.4 UJ C	8.4 UJ C	--
1,3,5-Trimethylbenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Bromobenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Toluene	ug/kg	3.7 U B	--	3.9 U B	4.3 U B	--	4.1 U B	4.0 U B	--	4.2 U	0.09 J Z	--
Chlorobenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
2-Chloroethyl Vinyl Ether	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,4-Dioxane	ug/kg	15 U	--	15 U	14 U	--	15 U	14 U	--	15 U	15 U	--
Dibromochloromethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Tetrachloroethene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
sec-Butylbenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,3-Dichloropropane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
cis-1,2-Dichloroethene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
trans-1,2-Dichloroethene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Methyl tert-Butyl Ether	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
m,p-Xylene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Carbon tetrachloride	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,1-Dichloropropene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
2-Hexanone	ug/kg	7.4 U	--	7.9 U	8.6 U	--	8.2 U	8.1 U	--	8.4 UJ C	8.4 UJ C	--
2,2-Dichloropropane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,1,1,2-Tetrachloroethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Acetone	ug/kg	7.4 U B	--	7.9 U B	8.6 U B	--	8.2 U B	8.1 U B	--	8.4 UJ B, C	8.4 UJ B, C	--
Chloroform	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Benzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,1,1-Trichloroethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Bromomethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Chloromethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Dibromomethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Bromochloromethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Chloroethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Vinyl Chloride	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Methylene chloride	ug/kg	3.7 U B	--	3.9 UJ B, L	4.3 UJ B, L	--	4.1 U B	4.0 U B	--	4.2 U B	4.2 U B	--
Bromoform	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Bromodichloromethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,1-Dichloroethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,1-Dichloroethene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Trichlorofluoromethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Dichlorodifluoromethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Freon 113a	ug/kg	4.6 U	--	4.9 U	5.4 U	--	5.1 U	5.1 U	--	5.2 U	5.3 U	--
Freon 113	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,2-Dichloropropane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
2-Butanone	ug/kg	7.4 U	--	7.9 U	8.6 U	--	8.2 U	8.1 U	--	8.4 UJ C	8.4 UJ C	--
1,1,2-Trichloroethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Trichloroethene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,1,2,2-Tetrachloroethane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Chlorotrifluoroethene	ug/kg	4.6 U	--	4.9 U	5.4 U	--	5.1 U	5.1 U	--	5.2 U	5.3 U	--
1,2,3-Trichlorobenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
o-Xylene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
2-Chlorotoluene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,2,4-Trimethylbenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
1,2-Dibromo-3-chloropropane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 UJ C	4.2 UJ C	--
1,2,3-Trichloropropane	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
tert-Butylbenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 U	4.2 U	--
Isopropylbenzene	ug/kg	3.7 U	--	3.9 U	4.3 U	--	4.1 U	4.0 U	--	4.2 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-028-SA5DN-SB-4.0-5.0 06/08/2011 DE176 4 5	SL-028-SA5DN-SB-11.5-12.5 06/08/2011 DE176 11.5 12.5	SL-029-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-029-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-030-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-030-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-031-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-031-SA5DN-SB-4.0-5.0 06/15/2011 DE181 4 5	SL-032-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-032-SA5DN-SB-4.0-5.0 06/14/2011 DE180 4 5	SL-032-SA5DN-SB-10.0-11.0 06/14/2011 DE180 10 11
Chemical Name Unit												
GRO (C5-C12)	mg/kg	1 U	1.1 U	--	1.1 U	--	1 U	--	1.0 U	--	1 U	0.9 U
EFH (C12-C14)	mg/kg	1.4 U	1.3 U	7.0 U	1.4 U	6.9 U	1.4 U	1.4 U	1.4 U	6.7 U	1.4 U	1.3 U
EFH (C15-C20)	mg/kg	0.57 J Z	3	5.9 J Z	1.4 U	4.9 J Z	1.4 U	1.5	1.4 U	4.9 J Z	1.4 U	1.3 U
EFH (C21-C30)	mg/kg	5.6	24	37	1.4 U	27	1.4 UJ FD	5.1	1.4 U	31	1.4 U	1.3 U
EFH (C30-C40)	mg/kg	16	56	140	1.4 U	86	1.4 U	20	1.4 U	120	1.4 U	1.3 U
EFH (C8-C11)	mg/kg	1.4 U B	1.3 U B	7.0 U	1.4 U	6.9 U	1.4 U	1.4 U	1.4 U	6.7 U	1.4 U	1.3 U
1,4-Dichlorobenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,2,4-Trichlorobenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,3-Dichlorobenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Hexachlorobutadiene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,2-Dichlorobenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Isopropyltoluene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Ethylbenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Styrene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
cis-1,3-Dichloropropene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
trans-1,3-Dichloropropene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
N-Propylbenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
N-Butylbenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
4-Chlorotoluene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,2-Dibromoethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,2-Dichloroethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
4-Methyl-2-Pentanone	ug/kg	8.1 U	9.1 U	--	8.3 U	--	7.9 U	--	8.6 U	--	8.2 U	7.5 U
1,3,5-Trimethylbenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Bromobenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Toluene	ug/kg	4.0 U B	4.5 U B	--	0.1 J Z	--	0.10 J Z	--	0.10 J Z	--	0.31 J Z	0.29 J Z
Chlorobenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
2-Chloroethyl Vinyl Ether	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,4-Dioxane	ug/kg	15 U	17 U	--	14 U	--	15 U	--	14 U	--	14 U	14 U
Dibromochloromethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Tetrachloroethene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
sec-Butylbenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,3-Dichloropropane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
cis-1,2-Dichloroethene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
trans-1,2-Dichloroethene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Methyl tert-Butyl Ether	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
m,p-Xylene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Carbon tetrachloride	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,1-Dichloropropene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
2-Hexanone	ug/kg	8.1 U	9.1 U	--	8.3 U	--	7.9 U	--	8.6 U	--	8.2 U	7.5 U
2,2-Dichloropropane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,1,1,2-Tetrachloroethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Acetone	ug/kg	8.1 U	9.1 U B	--	8.7	--	8.1 J FD	--	10	--	8.2 U B	7.5 U B
Chloroform	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Benzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,1,1-Trichloroethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Bromomethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Chloromethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Dibromomethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Bromochloromethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Chloroethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Vinyl Chloride	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Methylene chloride	ug/kg	4.0 UJ B, L	4.5 UJ B, L	--	4.1 U B	--	4.0 UJ B, FD	--	4.3 U B	--	4.1 U B	3.7 U B
Bromoform	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Bromodichloromethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,1-Dichloroethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,1-Dichloroethene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Trichlorofluoromethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Dichlorodifluoromethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Freon 113a	ug/kg	5.0 U	5.7 U	--	5.2 U	--	5.0 U	--	5.4 U	--	5.1 U	4.7 U
Freon 113	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,2-Dichloropropane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
2-Butanone	ug/kg	8.1 U	9.1 U	--	8.3 U	--	7.9 U	--	8.6 U	--	8.2 U	7.5 U
1,1,2-Trichloroethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Trichloroethene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,1,2,2-Tetrachloroethane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Chlorotrifluoroethene	ug/kg	5.0 U	5.7 U	--	5.2 U	--	5.0 UJ Q	--	5.4 U	--	5.1 U	4.7 U
1,2,3-Trichlorobenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
o-Xylene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
2-Chlorotoluene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,2,4-Trimethylbenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,2-Dibromo-3-chloropropane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
1,2,3-Trichloropropane	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
tert-Butylbenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 U	3.7 U
Isopropylbenzene	ug/kg	4.0 U	4.5 U	--	4.1 U	--	4.0 U	--	4.3 U	--	4.1 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	SL-033-SA5DN-SS-0.0-0.5	SL-033-SA5DN-SB-4.0-5.0	SL-033-SA5DN-SB-11.0-12.0	SL-034-SA5DN-SS-0.0-0.5	SL-034-SA5DN-SB-4.0-5.0	SL-035-SA5DN-SS-0.0-0.5	SL-035-SA5DN-SB-4.0-5.0	SL-035-SA5DN-SB-9.5-10.5	SL-036-SA5DN-SS-0.0-0.5	SL-036-SA5DN-SB-4.0-5.0	SL-036-SA5DN-SB-9.0-10.0
SDG	05/19/2011	06/14/2011	06/14/2011	06/14/2011	05/19/2011	06/15/2011	05/19/2011	06/14/2011	06/14/2011	05/20/2011	06/07/2011	06/07/2011
Start Depth	DE157	DE180	DE180	DE180	DE157	DE181	DE157	DE180	DE180	DE158	DE175	DE175
End Depth	0	4	11	11	0	4	0	4	9.5	0	4	9
Unit	0.5	5	12	12	0.5	5	0.5	5	10.5	0.5	5	10
Chemical Name	Unit											
GRO (C5-C12)	mg/kg	--	1 U	0.9 U	--	1.0 U	--	1.1 U	1 U	--	1.0 U	1 U
EFH (C12-C14)	mg/kg	14 U	1.4 U	1.3 U	26 U	1.4 U	1.4 U	1.4 U	1.3 U	2.7 U	1.4 U	1.4 U
EFH (C15-C20)	mg/kg	6.2 J Z	1.4 U	1.3 U	26 U	1.3 U	1.2 J Z	1.4 U	1.3 U	4.6	1.4 U	1.4 U
EFH (C21-C30)	mg/kg	25	11 J FD	1.6	73	20	4.5	1.4 U	1.3 U	21	1.4 U	1.4 U B
EFH (C30-C40)	mg/kg	160	25 J FD	3	440	35	21	0.47 J Z	1.3 U	68	1.4 U B	1.4 U B
EFH (C8-C11)	mg/kg	14 U	0.54 J FD, Q, Z	1.3 U	26 U	0.50 J Z	1.4 U	1.4 U	1.3 U	2.7 U	1.4 U	1.4 U
1,4-Dichlorobenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,2,4-Trichlorobenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,3-Dichlorobenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Hexachlorobutadiene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,2-Dichlorobenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Isopropyltoluene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Ethylbenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Styrene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
cis-1,3-Dichloropropene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
trans-1,3-Dichloropropene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
N-Propylbenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
N-Butylbenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
4-Chlorotoluene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,2-Dibromoethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,2-Dichloroethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
4-Methyl-2-Pentanone	ug/kg	--	7.9 U	8.0 U	--	7.9 U	--	7.9 U	8.0 U	--	8.2 U	8.6 U
1,3,5-Trimethylbenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Bromobenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Toluene	ug/kg	--	0.24 J Z	0.35 J Z	--	0.09 J Z	--	0.47 J Z	0.45 J Z	--	4.1 U B	4.3 U B
Chlorobenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
2-Chloroethyl Vinyl Ether	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,4-Dioxane	ug/kg	--	14 U	16 U	--	15 U	--	14 U	14 U	--	17 U	15 U
Dibromochloromethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Tetrachloroethene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
sec-Butylbenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,3-Dichloropropane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
cis-1,2-Dichloroethene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
trans-1,2-Dichloroethene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Methyl tert-Butyl Ether	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
m,p-Xylene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Carbon tetrachloride	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,1-Dichloropropene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
2-Hexanone	ug/kg	--	7.9 U	8.0 U	--	7.9 U	--	7.9 U	8.0 U	--	8.2 U	8.6 U
2,2-Dichloropropane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,1,1,2-Tetrachloroethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Acetone	ug/kg	--	7.9 UJ FD	8.0 U B	--	8.7	--	7.9 U B	8.0 U B	--	8.2 U B	8.6 U B
Chloroform	ug/kg	--	3.9 UJ FD	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Benzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,1,1-Trichloroethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Bromomethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Chloromethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Dibromomethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Bromochloromethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Chloroethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Vinyl Chloride	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Methylene chloride	ug/kg	--	3.9 UJ B, FD, Q	4.0 U B	--	3.9 U B	--	4.0 U B	4.0 U B	--	4.1 U B	4.3 U B
Bromoform	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Bromodichloromethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,1-Dichloroethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,1-Dichloroethene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Trichlorofluoromethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Dichlorodifluoromethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Freon 113a	ug/kg	--	4.9 U	5.0 U	--	4.9 U	--	4.9 U	5.0 U	--	5.1 U	5.4 U
Freon 113	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,2-Dichloropropane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
2-Butanone	ug/kg	--	7.9 U	8.0 U	--	7.9 U	--	7.9 U	8.0 U	--	8.2 U	8.6 U
1,1,2-Trichloroethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Trichloroethene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,1,2,2-Tetrachloroethane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Chlorotrifluoroethene	ug/kg	--	4.9 UJ Q	5.0 U	--	4.9 U	--	4.9 U	5.0 U	--	5.1 U	5.4 U
1,2,3-Trichlorobenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
o-Xylene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
2-Chlorotoluene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,2,4-Trimethylbenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,2-Dibromo-3-chloropropane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
1,2,3-Trichloropropane	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
tert-Butylbenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 U	4.3 U
Isopropylbenzene	ug/kg	--	3.9 U	4.0 U	--	3.9 U	--	4.0 U	4.0 U	--	4.1 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-037-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-037-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-037-SA5DN-SB-11.5-12.5 06/09/2011 DE177 11.5 12.5	SL-038-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-038-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-038-SA5DN-SB-10.5-11.5 06/09/2011 DE177 10.5 11.5	SL-039-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-039-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5	SL-039-SA5DN-SB-11.5-12.5 06/09/2011 DE177 11.5 12.5	SL-040-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5	SL-040-SA5DN-SB-4.0-5.0 06/09/2011 DE177 4 5
Chemical Name Unit												
GRO (C5-C12)	mg/kg	--	1.0 U	0.9 U	--	1.0 U	0.9 U	--	1.0 U	1 U	--	1.0 U
EFH (C12-C14)	mg/kg	6.9 U	1.5 U	1.3 U	2.8 U	14 U	1.3 U	7.0 U	7.0 U	14 U	7.0 U	7.0 U
EFH (C15-C20)	mg/kg	6.1 J Z	1.5 U	1.3 U	5	14 U	1.3 U	8.7	7.0 U	14 U	6.8 J Z	7.0 U
EFH (C21-C30)	mg/kg	41	2.2	0.62 J Z	27	88	0.49 J Z	29	18	100	49	27
EFH (C30-C40)	mg/kg	150	4.6	1.3 U	88	200	0.59 J Z	170	7.0 U B	300	130	66
EFH (C8-C11)	mg/kg	6.9 U	1.5 U	1.3 U	2.8 U	14 U	1.3 U	7.0 U	7.0 U	14 U	7.0 U	7.0 U
1,4-Dichlorobenzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,2,4-Trichlorobenzene	ug/kg	--	4.1 U	--	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,3-Dichlorobenzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Hexachlorobutadiene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,2-Dichlorobenzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Isopropyltoluene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Ethylbenzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Styrene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
cis-1,3-Dichloropropene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
trans-1,3-Dichloropropene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
N-Propylbenzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
N-Butylbenzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
4-Chlorotoluene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,2-Dibromoethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,2-Dichloroethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
4-Methyl-2-Pentanone	ug/kg	--	8.3 U	7.8 U	--	8.3 U	7.8 U	--	8.5 U	7.8 U	--	8.0 U
1,3,5-Trimethylbenzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Bromobenzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Toluene	ug/kg	--	0.15 J Z	0.15 J Z	--	0.13 J Z	0.15 J Z	--	0.13 J Z	0.15 J Z	--	0.17 J Z
Chlorobenzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
2-Chloroethyl Vinyl Ether	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,4-Dioxane	ug/kg	--	16 U	14 U	--	20 U	14 U	--	15 U	14 U	--	15 U
Dibromochloromethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Tetrachloroethene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
sec-Butylbenzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,3-Dichloropropane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
cis-1,2-Dichloroethene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
trans-1,2-Dichloroethene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Methyl tert-Butyl Ether	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
m,p-Xylene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Carbon tetrachloride	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,1-Dichloropropene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
2-Hexanone	ug/kg	--	8.3 U	7.8 U	--	8.3 U	7.8 U	--	8.5 U	7.8 U	--	8.0 U
2,2-Dichloropropane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,1,1,2-Tetrachloroethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Acetone	ug/kg	--	8.3 U	7.8 U	--	8.3 U	7.8 U	--	8.5 U	7.8 U	--	8.0 U
Chloroform	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Benzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,1,1-Trichloroethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Bromomethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Chloromethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Dibromomethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Bromochloromethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Chloroethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Vinyl Chloride	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Methylene chloride	ug/kg	--	4.1 UJ B, L	3.9 UJ B, L	--	4.1 UJ B, L	3.9 UJ B, L	--	4.2 UJ B, L	3.9 UJ B, L	--	4.0 UJ B, L
Bromoform	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Bromodichloromethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,1-Dichloroethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,1-Dichloroethene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Trichlorofluoromethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Dichlorodifluoromethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Freon 113a	ug/kg	--	5.2 U	4.9 U	--	5.2 U	4.9 U	--	5.3 U	4.9 U	--	5.0 U
Freon 113	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,2-Dichloropropane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
2-Butanone	ug/kg	--	8.3 U	7.8 U	--	8.3 U	7.8 U	--	8.5 U	7.8 U	--	8.0 U
1,1,2-Trichloroethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Trichloroethene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,1,2,2-Tetrachloroethane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Chlorotrifluoroethene	ug/kg	--	5.2 U	4.9 U	--	5.2 U	4.9 U	--	5.3 U	4.9 U	--	5.0 U
1,2,3-Trichlorobenzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
o-Xylene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
2-Chlorotoluene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,2,4-Trimethylbenzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,2-Dibromo-3-chloropropane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
1,2,3-Trichloropropane	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
tert-Butylbenzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 U	--	4.0 U
Isopropylbenzene	ug/kg	--	4.1 U	3.9 U	--	4.1 U	3.9 U	--	4.2 U	3.9 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-040-SA5DN-SB-10.5-11.5 06/09/2011 DE177 10.5 11.5	SL-041-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-041-SA5DN-SB-4.0-5.0 06/10/2011 DE178 4 5	SL-041-SA5DN-SB-9.0-10.0 06/10/2011 DE178 9 10	SL-042-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-042-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-042-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-043-SA5DN-SS-0.0-0.5 05/19/2011 DE157 0 0.5	SL-043-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-043-SA5DN-SB-9.0-10.0 06/13/2011 DE179 9 10	SL-044-SA5DN-SS-0.0-0.5 05/20/2011 DE158 0 0.5
Chemical Name Unit												
GRO (C5-C12)	mg/kg	1.1 U	--	1.0 U	1.1 U	--	1.0 U	1 U	--	1 U	1 U	--
EFH (C12-C14)	mg/kg	1.3 U	14 U	2.9 U	1.4 U	11 U	1.4 U	1.3 U	28 U	2.7 U	1.4 U	6.8 U
EFH (C15-C20)	mg/kg	1.3 U	6.2 J Z	1.2 J Z	1.4 U	6.9 J Z	0.60 J Z	1.3 U	28 UJ FD	1.6 J Z	1.4 U	6.5 J Z
EFH (C21-C30)	mg/kg	2.6	58	24	3.2	48	6.4	1.3 U	67	29	1.3 J Z	33
EFH (C30-C40)	mg/kg	4.5	250	55	1.4 U B	170	16	0.84 J Z	370	46	0.52 J Z	100
EFH (C8-C11)	mg/kg	1.3 U	14 U	2.9 U	1.4 U	11 U	1.4 U	1.3 U	28 U	2.7 U	1.4 U	6.8 U
1,4-Dichlorobenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,2,4-Trichlorobenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,3-Dichlorobenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Hexachlorobutadiene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,2-Dichlorobenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Isopropyltoluene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Ethylbenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Styrene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
cis-1,3-Dichloropropene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
trans-1,3-Dichloropropene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
N-Propylbenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
N-Butylbenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
4-Chlorotoluene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,2-Dibromoethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,2-Dichloroethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
4-Methyl-2-Pentanone	ug/kg	8.4 U	--	8.9 U	8.7 U	--	8.0 U	7.6 U	--	8.2 U	7.8 U	--
1,3,5-Trimethylbenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Bromobenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Toluene	ug/kg	0.22 J Z	--	0.11 J Z	0.11 J Z	--	0.23 J Z	0.17 J Z	--	0.23 J Z	0.19 J Z	--
Chlorobenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
2-Chloroethyl Vinyl Ether	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,4-Dioxane	ug/kg	14 U	--	15 U	14 U	--	14 U	16 U	--	15 U	15 U	--
Dibromochloromethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Tetrachloroethene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
sec-Butylbenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,3-Dichloropropane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
cis-1,2-Dichloroethene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
trans-1,2-Dichloroethene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Methyl tert-Butyl Ether	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
m,p-Xylene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Carbon tetrachloride	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,1-Dichloropropene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
2-Hexanone	ug/kg	8.4 U	--	8.9 U	8.7 U	--	8.0 U	7.6 U	--	8.2 U	7.8 U	--
2,2-Dichloropropane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,1,1,2-Tetrachloroethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Acetone	ug/kg	8.4 U B	--	8.9 U	8.7 U	--	9.7	8.7	--	8.2 U	7.8 U	--
Chloroform	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Benzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,1,1-Trichloroethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Bromomethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Chloromethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Dibromomethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Bromochloromethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Chloroethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Vinyl Chloride	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Methylene chloride	ug/kg	4.2 UJ B, L	--	4.5 UJ B, L	4.4 UJ B, L	--	8.5	3.8 U B	--	4.1 U B	3.9 U B	--
Bromoform	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Bromodichloromethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,1-Dichloroethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,1-Dichloroethene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Trichlorofluoromethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Dichlorodifluoromethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Freon 113a	ug/kg	5.3 U	--	5.6 U	5.5 U	--	5.0 U	4.8 U	--	5.2 U	4.9 U	--
Freon 113	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,2-Dichloropropane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
2-Butanone	ug/kg	8.4 U	--	8.9 U	8.7 U	--	8.0 U	7.6 U	--	8.2 U	7.8 U	--
1,1,2-Trichloroethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Trichloroethene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,1,2,2-Tetrachloroethane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Chlorotrifluoroethene	ug/kg	5.3 U	--	5.6 U	5.5 U	--	5.0 U	4.8 U	--	5.2 U	4.9 U	--
1,2,3-Trichlorobenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
o-Xylene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
2-Chlorotoluene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,2,4-Trimethylbenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,2-Dibromo-3-chloropropane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
1,2,3-Trichloropropane	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
tert-Butylbenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--
Isopropylbenzene	ug/kg	4.2 U	--	4.5 U	4.4 U	--	4.0 U	3.8 U	--	4.1 U	3.9 U	--

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

Sample Name	Sample Date	SL-044-SA5DN-SB-4.0-5.0	SL-044-SA5DN-SB-12.0-13.0	SL-045-SA5DN-SS-0.0-0.5	SL-045-SA5DN-SB-4.0-5.0	SL-045-SA5DN-SB-9.0-10.0	SL-046-SA5DN-SS-0.0-0.5	SL-046-SA5DN-SB-4.0-5.0	SL-046-SA5DN-SB-9.0-10.0	SL-047-SA5DN-SS-0.0-0.5	SL-047-SA5DN-SB-4.0-5.0	SL-047-SA5DN-SB-10.0-11.0
SDG	Start Depth	06/14/2011	06/14/2011	05/19/2011	06/10/2011	06/10/2011	05/19/2011	06/13/2011	06/13/2011	05/19/2011	06/13/2011	06/13/2011
End Depth	Unit	DE180	DE180	DE157	DE178	DE178	DE157	DE179	DE179	DE157	DE179	DE179
Chemical Name	Unit	4	12	0	4	9	0	4	9	0	4	10
		5	13	0.5	5	10	0.5	5	10	0.5	5	11
GRO (C5-C12)	mg/kg	1 U	1 U	--	1.0 U	1 U	--	0.2 J Z	1 U	--	0.3 J Z	1.0 U
EFH (C12-C14)	mg/kg	1.4 U	1.3 U	14 U	1.4 U	1.4 U	35 U	1.4 U	1.4 U	33 U	1.3 U	1.3 U
EFH (C15-C20)	mg/kg	1.4 U	1.3 U	7.5 J Z	1.4 U	1.4 U	14 J Z	1.5	1.4 U	33 U	1.3 U	1.3 U
EFH (C21-C30)	mg/kg	1.4 U	7	67	4.4	1.7	220	9.1	2.6	120	2.1	1.3 U
EFH (C30-C40)	mg/kg	0.49 J Z	12	220	12	1.4 U B	640	14	5.3	490	3.8	1.3 U
EFH (C8-C11)	mg/kg	1.4 U	1.3 U	14 U	1.4 U	1.4 U	35 U	1.4 U	1.4 U	33 U	1.3 U	1.3 U
1,4-Dichlorobenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,2,4-Trichlorobenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,3-Dichlorobenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Hexachlorobutadiene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,2-Dichlorobenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Isopropyltoluene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Ethylbenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Styrene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
cis-1,3-Dichloropropene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
trans-1,3-Dichloropropene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
N-Propylbenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
N-Butylbenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
4-Chlorotoluene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,2-Dibromoethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,2-Dichloroethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
4-Methyl-2-Pentanone	ug/kg	8.2 U	8.7 U	--	8.1 U	8.3 U	--	8.0 U	8.4 U	--	8.5 U	7.9 U
1,3,5-Trimethylbenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Bromobenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Toluene	ug/kg	0.33 J Z	0.42 J Z	--	0.09 J Z	4.2 U	--	0.20 J Z	0.18 J Z	--	0.21 J Z	0.21 J Z
Chlorobenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
2-Chloroethyl Vinyl Ether	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,4-Dioxane	ug/kg	15 U	17 U	--	15 U	15 U	--	16 U	14 U	--	15 U	16 U
Dibromochloromethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Tetrachloroethene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
sec-Butylbenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,3-Dichloropropane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
cis-1,2-Dichloroethene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
trans-1,2-Dichloroethene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Methyl tert-Butyl Ether	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
m,p-Xylene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Carbon tetrachloride	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,1-Dichloropropene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
2-Hexanone	ug/kg	8.2 U	8.7 U	--	8.1 U	8.3 U	--	8.0 U	8.4 U	--	8.5 U	7.9 U
2,2-Dichloropropane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,1,1,2-Tetrachloroethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Acetone	ug/kg	8.2 U B	8.7 U B	--	8.1 U	8.3 U B	--	9.3	8.4 U	--	8.5 U	7.9 U
Chloroform	ug/kg	4.1 U	0.14 J Z	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Benzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,1,1-Trichloroethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Bromomethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Chloromethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Dibromomethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Bromochloromethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Chloroethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Vinyl Chloride	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Methylene chloride	ug/kg	4.1 U B	10	--	4.1 U B, L	4.2 U B, L	--	4.0 U B	4.2 U B	--	4.3 U B	4.0 U B
Bromoform	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Bromodichloromethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,1-Dichloroethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,1-Dichloroethene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Trichlorofluoromethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Dichlorodifluoromethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Freon 113a	ug/kg	5.1 U	5.4 U	--	5.1 U	5.2 U	--	5.0 U	5.2 U	--	5.3 U	4.9 U
Freon 113	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,2-Dichloropropane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
2-Butanone	ug/kg	8.2 U	8.7 U	--	8.1 U	8.3 U	--	8.0 U	8.4 U	--	8.5 U	7.9 U
1,1,2-Trichloroethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Trichloroethene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,1,2,2-Tetrachloroethane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Chlorotrifluoroethene	ug/kg	5.1 U	5.4 U	--	5.1 U	5.2 U	--	5.0 U	5.2 U	--	5.3 U	4.9 U
1,2,3-Trichlorobenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
o-Xylene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
2-Chlorotoluene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,2,4-Trimethylbenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,2-Dibromo-3-chloropropane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
1,2,3-Trichloropropane	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
tert-Butylbenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 U	4.0 U
Isopropylbenzene	ug/kg	4.1 U	4.3 U	--	4.1 U	4.2 U	--	4.0 U	4.2 U	--	4.3 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	SL-048-SA5DN-SB-4.0-5.0	SL-049-SA5DN-SB-4.0-5.0	SL-050-SA5DN-SB-4.0-5.0	SL-051-SA5DN-SS-0.0-0.5	SL-051-SA5DN-SB-4.0-5.0	SL-051-SA5DN-SB-14.0-15.0	SL-052-SA5DN-SB-4.0-5.0	SL-053-SA5DN-SB-4.0-5.0	SL-054-SA5DN-SB-4.0-5.0	SL-055-SA5DN-SB-4.0-5.0	SL-056-SA5DN-SB-4.0-5.0
SDG	06/10/2011	06/10/2011	06/10/2011	06/09/2011	05/20/2011	06/08/2011	06/08/2011	06/03/2011	06/06/2011	06/13/2011	06/15/2011	06/15/2011
Start Depth	DE178	DE178	DE178	DE177	DE158	DE176	DE176	DE173	DE174	DE179	DE181	DE181
End Depth	4	4	4	4	0	4	14	4	4	4	4	4
Unit	5	5	5	5	0.5	5	15	5	5	5	5	5
Chemical Name	Unit											
GRO (C5-C12)	mg/kg	--	--	--	--	1 U	1.0 U	--	--	--	--	--
EFH (C12-C14)	mg/kg	--	--	--	66 U	1.4 U	1.4 U	--	--	--	--	--
EFH (C15-C20)	mg/kg	--	--	--	33 J Z	0.55 J Z	0.50 J Z	--	--	--	--	--
EFH (C21-C30)	mg/kg	--	--	--	390	2.8	4.3	--	--	--	--	--
EFH (C30-C40)	mg/kg	--	--	--	1200	6.7	9.2	--	--	--	--	--
EFH (C8-C11)	mg/kg	--	--	--	66 U	1.4 U B	1.4 U B	--	--	--	--	--
1,4-Dichlorobenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,2,4-Trichlorobenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,3-Dichlorobenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Hexachlorobutadiene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,2-Dichlorobenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Isopropyltoluene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Ethylbenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Styrene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
cis-1,3-Dichloropropene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
trans-1,3-Dichloropropene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
N-Propylbenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
N-Butylbenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
4-Chlorotoluene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,2-Dibromoethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,2-Dichloroethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
4-Methyl-2-Pentanone	ug/kg	8.5 U	8.3 U	8.4 U	--	8.7 U	7.9 U	9.0 UJ C	9.6 U	8.0 U	8.8 U	8.5 U
1,3,5-Trimethylbenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Bromobenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Toluene	ug/kg	0.10 J Z	0.15 J Z	0.17 J Z	--	4.4 U B	4.0 U B	4.5 U	0.15 J Z	0.23 J Z	0.1 J Z	0.1 J Z
Chlorobenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
2-Chloroethyl Vinyl Ether	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,4-Dioxane	ug/kg	14 U	15 U	15 U	--	15 U	15 U	18 U	15 U	15 U	15 U	17 U
Dibromochloromethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Tetrachloroethene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
sec-Butylbenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,3-Dichloropropane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
cis-1,2-Dichloroethene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
trans-1,2-Dichloroethene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Methyl tert-Butyl Ether	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
m,p-Xylene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Carbon tetrachloride	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,1-Dichloropropene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
2-Hexanone	ug/kg	8.5 U	8.3 U	8.4 U	--	8.7 U	7.9 U	9.0 UJ C	9.6 U	8.0 U	8.8 U	8.5 U
2,2-Dichloropropane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,1,1,2-Tetrachloroethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Acetone	ug/kg	8.5 U	8.3 U	8.4 U	--	8.7 U B	7.9 U B	9.0 UJ B, C	9.6 U B	8.0 U	8.8 U	8.5 U
Chloroform	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	0.19 J Z	4.0 U	4.4 U	4.2 U
Benzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,1,1-Trichloroethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Bromomethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Chloromethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Dibromomethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Bromochloromethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Chloroethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Vinyl Chloride	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Methylene chloride	ug/kg	4.2 UJ B, L	4.1 UJ B, L	4.2 UJ B, L	--	4.4 UJ B, L	4.0 UJ B, L	4.5 U B	4.8 U B	4.0 U B	4.4 U B	4.2 U B
Bromoform	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Bromodichloromethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,1-Dichloroethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,1-Dichloroethene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Trichlorofluoromethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Dichlorodifluoromethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Freon 113a	ug/kg	5.3 U	5.2 U	5.3 U	--	5.5 U	5.0 U	5.6 U	6.0 U	5.0 U	5.5 U	5.3 U
Freon 113	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,2-Dichloropropane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
2-Butanone	ug/kg	8.5 U	8.3 U	8.4 U	--	8.7 U	7.9 U	9.0 UJ C	9.6 U	8.0 U	8.8 U	8.5 U
1,1,2-Trichloroethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Trichloroethene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,1,2,2-Tetrachloroethane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Chlorotrifluoroethene	ug/kg	5.3 U	5.2 U	5.3 U	--	5.5 U	5.0 U	5.6 U	6.0 U	5.0 U	5.5 U	5.3 U
1,2,3-Trichlorobenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
o-Xylene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
2-Chlorotoluene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,2,4-Trimethylbenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
1,2-Dibromo-3-chloropropane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 UJ C	4.8 U	4.0 U	4.4 U	4.2 U
1,2,3-Trichloropropane	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
tert-Butylbenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 U	4.2 U
Isopropylbenzene	ug/kg	4.2 U	4.1 U	4.2 U	--	4.4 U	4.0 U	4.5 U	4.8 U	4.0 U	4.4 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-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-058-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-059-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-061-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-062-SA5DN-SB-4.0-5.0 06/16/2011 DE182 4 5	SL-064-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-064-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-065-SA5DN-SS-0.0-0.5 05/18/2011 DE154 0 0.5	SL-065-SA5DN-SB-4.0-5.0 05/20/2011 DE158 4 5	SL-065-SA5DN-SB-7.0-8.0 05/20/2011 DE158 7 8	SL-066-SA5DN-SS-0.0-0.5 05/17/2011 DE152 0 0.5
Chemical Name Unit												
GRO (C5-C12)	mg/kg	--	--	--	--	--	--	1 U	--	1 U	0.9 U	--
EFH (C12-C14)	mg/kg	--	--	--	--	--	6.9 U	1.4 U	14 U	1.4 U	1.3 U	2.6 U
EFH (C15-C20)	mg/kg	--	--	--	--	--	4.1 J Z	1.4 U	6.2 J Z	1.4 U	1.3 U	1.9 J Z
EFH (C21-C30)	mg/kg	--	--	--	--	--	48	1.4 U	150	1.4 U	1.3 U	30
EFH (C30-C40)	mg/kg	--	--	--	--	--	240	1.4 U	490	1.4 U	1.3 U	91
EFH (C8-C11)	mg/kg	--	--	--	--	--	6.9 U	1.4 U	14 U	1.4 U	1.3 U	2.6 U
1,4-Dichlorobenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,2,4-Trichlorobenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,3-Dichlorobenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Hexachlorobutadiene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,2-Dichlorobenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Isopropyltoluene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Ethylbenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Styrene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
cis-1,3-Dichloropropene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
trans-1,3-Dichloropropene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
N-Propylbenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
N-Butylbenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
4-Chlorotoluene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,2-Dibromoethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,2-Dichloroethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
4-Methyl-2-Pentanone	ug/kg	7.4 U	8.1 U	7.6 U	7.9 U	8.4 U	--	8.6 UJ C	--	8.2 UJ C	8.2 UJ C	--
1,3,5-Trimethylbenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Bromobenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Toluene	ug/kg	0.08 J Z	0.14 J Z	0.11 J Z	0.1 J Z	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Chlorobenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
2-Chloroethyl Vinyl Ether	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,4-Dioxane	ug/kg	15 U	15 U	15 U	15 U	15 U	--	16 U	--	15 U	14 U	--
Dibromochloromethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Tetrachloroethene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
sec-Butylbenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,3-Dichloropropane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
cis-1,2-Dichloroethene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
trans-1,2-Dichloroethene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Methyl tert-Butyl Ether	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
m,p-Xylene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Carbon tetrachloride	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,1-Dichloropropene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
2-Hexanone	ug/kg	7.4 U	8.1 U	7.6 U	7.9 U	8.4 U	--	8.6 UJ C	--	8.2 UJ C	8.2 UJ C	--
2,2-Dichloropropane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,1,1,2-Tetrachloroethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Acetone	ug/kg	7.4 U	8.1 U B	7.6 U	7.9 U	8.4 U B	--	8.6 U B	--	8.2 U B	8.2 U B	--
Chloroform	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Benzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,1,1-Trichloroethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Bromomethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Chloromethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Dibromomethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Bromochloromethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Chloroethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Vinyl Chloride	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Methylene chloride	ug/kg	3.7 U B	4.1 U B	3.8 U B	3.9 U B	4.2 U B	--	4.3 U B	--	4.1 U B	4.1 U B	--
Bromoform	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Bromodichloromethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,1-Dichloroethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,1-Dichloroethene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Trichlorofluoromethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Dichlorodifluoromethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Freon 113a	ug/kg	4.6 U	5.1 U	4.8 U	4.9 U	5.2 U	--	5.4 UJ L	--	5.1 UJ L	5.1 UJ L	--
Freon 113	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,2-Dichloropropane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
2-Butanone	ug/kg	7.4 U	8.1 U	7.6 U	7.9 U	8.4 U	--	8.6 U	--	8.2 U	8.2 U	--
1,1,2-Trichloroethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Trichloroethene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,1,2,2-Tetrachloroethane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Chlorotrifluoroethene	ug/kg	4.6 U	5.1 U	4.8 U	4.9 U	5.2 U	--	5.4 U	--	5.1 U	5.1 U	--
1,2,3-Trichlorobenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
o-Xylene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
2-Chlorotoluene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,2,4-Trimethylbenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,2-Dibromo-3-chloropropane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
1,2,3-Trichloropropane	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
tert-Butylbenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 U	4.1 U	--
Isopropylbenzene	ug/kg	3.7 U	4.1 U	3.8 U	3.9 U	4.2 U	--	4.3 U	--	4.1 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	SL-066-SA5DN-SB-4.0-5.0	SL-066-SA5DN-SB-9.0-10.0	SL-067-SA5DN-SS-0.0-0.5	SL-067-SA5DN-SB-4.0-5.0	SL-067-SA5DN-SB-9.0-10.0	SL-068-SA5DN-SB-4.0-5.0	SL-069-SA5DN-SB-4.0-5.0	SL-070-SA5DN-SB-4.0-5.0	SL-073-SA5DN-SB-4.0-5.0	SL-073-SA5DN-SB-4.5	SL-074-SA5DN-SB-4.0-5.0
SDG	Start Depth	05/19/2011	05/19/2011	05/17/2011	05/19/2011	05/19/2011	05/17/2011	05/18/2011	05/18/2011	05/17/2011	06/20/2011	05/18/2011
End Depth	Unit	DE156	DE156	DE152	DE156	DE156	DE153	DE155	DE155	DE153	DE184	DE155
Chemical Name	Unit	4	9	0	4	9	4	4	4	4	4.5	4
		5	10	0.5	5	10	5	5	5	5	4.5	5
GRO (C5-C12)	mg/kg	1.2 U	1.1 U	--	1.1 U	1.1 U	--	--	--	--	--	--
EFH (C12-C14)	mg/kg	1.4 U	1.4 U	2.6 U	1.4 U	1.4 U	--	--	--	--	--	--
EFH (C15-C20)	mg/kg	1.4 U	1.4 U	4	1.4 U	1.4 U	--	--	--	--	--	--
EFH (C21-C30)	mg/kg	1.4 U	1.4 U	23	1.4 U	1.4 U	--	--	--	--	--	--
EFH (C30-C40)	mg/kg	1.2 J Z	0.76 J Z	52	0.72 J Z	0.65 J Z	--	--	--	--	--	--
EFH (C8-C11)	mg/kg	1.4 U	1.4 U	2.6 U	1.4 U	1.4 U	--	--	--	--	--	--
1,4-Dichlorobenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,2,4-Trichlorobenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,3-Dichlorobenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Hexachlorobutadiene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,2-Dichlorobenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Isopropyltoluene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Ethylbenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Styrene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
cis-1,3-Dichloropropene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
trans-1,3-Dichloropropene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
N-Propylbenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
N-Butylbenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
4-Chlorotoluene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,2-Dibromoethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,2-Dichloroethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
4-Methyl-2-Pentanone	ug/kg	9.0 U	10 U	--	8.8 U	8.2 U	9.1 U	7.7 U	8.3 U	8.3 U	8.3 U	9.5 U
1,3,5-Trimethylbenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Bromobenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Toluene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	0.16 J Z	4.8 U
Chlorobenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
2-Chloroethyl Vinyl Ether	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,4-Dioxane	ug/kg	15 U	15 U	--	17 U	16 U	15 U	14 U	15 U	15 U	15 U	15 U
Dibromochloromethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Tetrachloroethene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
sec-Butylbenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,3-Dichloropropane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
cis-1,2-Dichloroethene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
trans-1,2-Dichloroethene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Methyl tert-Butyl Ether	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
m,p-Xylene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Carbon tetrachloride	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,1-Dichloropropene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
2-Hexanone	ug/kg	9.0 U	10 U	--	8.8 U	8.2 U	9.1 U	7.7 U	8.3 U	8.3 U	8.3 U	9.5 U
2,2-Dichloropropane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,1,1,2-Tetrachloroethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Acetone	ug/kg	9.5	12	--	10	8.9	9.1 U	9.9	10	8.3 U	8.3 U	10
Chloroform	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Benzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,1,1-Trichloroethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Bromomethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Chloromethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Dibromomethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Bromochloromethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Chloroethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Vinyl Chloride	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Methylene chloride	ug/kg	4.5 U B, F	5.2 U B, F	--	4.4 U B, F	4.1 U B, F	4.5 U B	3.9 U B	4.2 U B	4.1 U B	4.2 U B	4.8 U B
Bromoform	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Bromodichloromethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,1-Dichloroethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,1-Dichloroethene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Trichlorofluoromethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Dichlorodifluoromethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Freon 113a	ug/kg	5.6 UJ L	6.6 UJ L	--	5.5 UJ L	5.1 UJ L	5.7 U	4.8 UJ L	5.2 UJ L	5.2 U	5.2 U	6.0 UJ L
Freon 113	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,2-Dichloropropane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
2-Butanone	ug/kg	9.0 U	10 U	--	8.8 U	8.2 U	9.1 U	7.7 U	8.3 U	8.3 U	8.3 U	9.5 U
1,1,2-Trichloroethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Trichloroethene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,1,2,2-Tetrachloroethane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Chlorotrifluoroethene	ug/kg	5.6 U	6.6 U	--	5.5 U	5.1 U	5.7 U	4.8 U	5.2 U	5.2 U	5.2 U	6.0 U
1,2,3-Trichlorobenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
o-Xylene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
2-Chlorotoluene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,2,4-Trimethylbenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,2-Dibromo-3-chloropropane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
1,2,3-Trichloropropane	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
tert-Butylbenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U
Isopropylbenzene	ug/kg	4.5 U	5.2 U	--	4.4 U	4.1 U	4.5 U	3.9 U	4.2 U	4.1 U	4.2 U	4.8 U

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

Sample Name	Sample Date	SL-075-SA5DN-SB-4.0-5.0	SL-076-SA5DN-SB-4.0-5.0	SL-077-SA5DN-SB-4.0-5.0	SL-078-SA5DN-SB-4.0-5.0	SL-079-SA5DN-SB-4.0-5.0	SL-080-SA5DN-SB-4.0-5.0	SL-081-SA5DN-SB-4.0-5.0	SL-082-SA5DN-SB-4.0-5.0	SL-084-SA5DN-SB-4.0-5.0	SL-085-SA5DN-SB-2.5-3.5	SL-086-SA5DN-SS-0.0-0.5
SDG	05/23/2011	05/18/2011	06/27/2011	06/27/2011	05/19/2011	05/19/2011	05/23/2011	05/23/2011	05/19/2011	05/23/2011	06/27/2011	05/18/2011
Start Depth	DE159	DE155	DE189	DE189	DE156	DE156	DE159	DE156	DE159	DE159	DE189	DE154
End Depth	4	4	4	4	4	4	4	4	4	4	2.5	0
Unit	5	5	5	5	5	5	5	5	5	5	3.5	0.5
Chemical Name	Unit											
GRO (C5-C12)	mg/kg	--	--	--	--	--	--	--	--	--	--	--
EFH (C12-C14)	mg/kg	--	--	--	--	--	--	--	--	--	--	1.4 U
EFH (C15-C20)	mg/kg	--	--	--	--	--	--	--	--	--	--	3.4
EFH (C21-C30)	mg/kg	--	--	--	--	--	--	--	--	--	--	8.1
EFH (C30-C40)	mg/kg	--	--	--	--	--	--	--	--	--	--	20
EFH (C8-C11)	mg/kg	--	--	--	--	--	--	--	--	--	--	1.4 U
1,4-Dichlorobenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,2,4-Trichlorobenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,3-Dichlorobenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Hexachlorobutadiene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,2-Dichlorobenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Isopropyltoluene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Ethylbenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Styrene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
cis-1,3-Dichloropropene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
trans-1,3-Dichloropropene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
N-Propylbenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
N-Butylbenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
4-Chlorotoluene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,2-Dibromoethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,2-Dichloroethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
4-Methyl-2-Pentanone	ug/kg	8.3 U	8.2 U	8.6 U	8.2 U	8.2 U	9.6 U	8.3 U	8.7 U	8.3 U	8.2 U	--
1,3,5-Trimethylbenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Bromobenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Toluene	ug/kg	4.1 U	4.1 U	4.3 U	0.12 J Z	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	0.14 J Z	--
Chlorobenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
2-Chloroethyl Vinyl Ether	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,4-Dioxane	ug/kg	15 U	16 U	16 U	16 U	15 U	16 U	16 U	16 U	16 U	16 U	--
Dibromochloromethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Tetrachloroethene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
sec-Butylbenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,3-Dichloropropane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
cis-1,2-Dichloroethene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
trans-1,2-Dichloroethene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Methyl tert-Butyl Ether	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
m,p-Xylene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Carbon tetrachloride	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,1-Dichloropropene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
2-Hexanone	ug/kg	8.3 U	8.2 U	8.6 U	8.2 U	8.2 U	9.6 U	8.3 U	8.7 U	8.3 U	8.2 U	--
2,2-Dichloropropane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,1,1,2-Tetrachloroethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Acetone	ug/kg	8.3 U B	8.9	11	12	9.4	11	8.3 U B	11	8.3 U B, Z	11	--
Chloroform	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Benzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,1,1-Trichloroethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Bromomethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Chloromethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Dibromomethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Bromochloromethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Chloroethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Vinyl Chloride	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Methylene chloride	ug/kg	4.1 U B, Z	4.1 U B	16	11	4.1 U B, F	4.8 U B, F	4.2 U B, Z	4.3 U B, F	4.1 U B, Z	4.1 U B	--
Bromoform	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Bromodichloromethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,1-Dichloroethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,1-Dichloroethene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Trichlorofluoromethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Dichlorodifluoromethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Freon 113a	ug/kg	5.2 UJ L	5.1 UJ L	5.4 U	5.1 U	5.1 UJ L	6.0 UJ L	5.2 UJ L	5.4 UJ L	5.2 UJ L	5.1 U	--
Freon 113	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,2-Dichloropropane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
2-Butanone	ug/kg	8.3 U	8.2 U	8.6 U	8.2 U	8.2 U	9.6 U	8.3 U	8.7 U	8.3 U	8.2 U	--
1,1,2-Trichloroethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Trichloroethene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,1,2,2-Tetrachloroethane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Chlorotrifluoroethene	ug/kg	5.2 U	5.1 U	5.4 U	5.1 U	5.1 U	6.0 U	5.2 U	5.4 U	5.2 U	5.1 U	--
1,2,3-Trichlorobenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
o-Xylene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
2-Chlorotoluene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,2,4-Trimethylbenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,2-Dibromo-3-chloropropane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
1,2,3-Trichloropropane	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
tert-Butylbenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 U	4.1 U	--
Isopropylbenzene	ug/kg	4.1 U	4.1 U	4.3 U	4.1 U	4.1 U	4.8 U	4.2 U	4.3 U	4.1 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	SL-086-SA5DN-SB-4.0-5.0	SL-087-SA5DN-SS-0.0-0.5	SL-088-SA5DN-SB-4.0-5.0	SL-089-SA5DN-SS-0.0-0.5	SL-089-SA5DN-SB-4.0-5.0	SL-090-SA5DN-SS-0.0-0.5	SL-091-SA5DN-SB-4.0-5.0	SL-092-SA5DN-SB-4.0-5.0	SL-093-SA5DN-SB-4.0-5.0	SL-094-SA5DN-SB-4.0-5.0	SL-095-SA5DN-SB-4.0-5.0
SDG	05/20/2011	05/20/2011	05/18/2011	05/20/2011	05/18/2011	05/23/2011	05/18/2011	06/24/2011	06/24/2011	06/20/2011	06/22/2011	06/22/2011
Start Depth	DE158	DE154	DE158	DE154	DE154	DE159	DE154	DE188	DE188	DE184	DE186	DE186
End Depth	4	0	4	0	0	4	0	4	4	4	4	4
Unit	5	0.5	5	0.5	0.5	5	0.5	5	5	5	5	5
Chemical Name	Unit											
GRO (C5-C12)	mg/kg	1.0 U	--	--	--	1 U	--	--	--	--	--	--
EFH (C12-C14)	mg/kg	1.4 U	13 U	--	1.4 U	1.3 U	15 U	--	--	--	--	--
EFH (C15-C20)	mg/kg	1.4 U	10 J Z	--	3.6	1.3 U	5.0 J Z	--	--	--	--	--
EFH (C21-C30)	mg/kg	0.48 J Z	150	--	10	1.3 U	150	--	--	--	--	--
EFH (C30-C40)	mg/kg	1.4 U	480	--	28	0.44 J Z	460	--	--	--	--	--
EFH (C8-C11)	mg/kg	1.4 U	13 U	--	1.4 U	1.3 U	15 U	--	--	--	--	--
1,4-Dichlorobenzene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,2,4-Trichlorobenzene	ug/kg	4.5 U	--	4.6 U	--	4.2 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,3-Dichlorobenzene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Hexachlorobutadiene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,2-Dichlorobenzene	ug/kg	4.5 U	--	4.6 U	--	4.2 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Isopropyltoluene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Ethylbenzene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Styrene	ug/kg	4.5 U	--	4.6 U	--	4.2 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
cis-1,3-Dichloropropene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
trans-1,3-Dichloropropene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
N-Propylbenzene	ug/kg	4.5 U	--	4.6 U	--	4.2 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
N-Butylbenzene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
4-Chlorotoluene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,2-Dibromoethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,2-Dichloroethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
4-Methyl-2-Pentanone	ug/kg	9.0 UJ C	--	9.1 UJ C	--	7.5 U	--	8.4 U	7.7 U	8.7 U	8.0 U	7.9 U
1,3,5-Trimethylbenzene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Bromobenzene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Toluene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	0.11 J Z	3.8 UJ FD	0.11 J Z	4.0 U B	4.0 U B
Chlorobenzene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
2-Chloroethyl Vinyl Ether	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,4-Dioxane	ug/kg	16 U	--	20 U	--	14 U	--	15 U	16 U	15 U	14 U	14 U
Dibromochloromethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Tetrachloroethene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
sec-Butylbenzene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,3-Dichloropropane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
cis-1,2-Dichloroethene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
trans-1,2-Dichloroethene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Methyl tert-Butyl Ether	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
m,p-Xylene	ug/kg	4.5 U	--	4.6 U	--	4.2 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Carbon tetrachloride	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,1-Dichloropropene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
2-Hexanone	ug/kg	9.0 UJ C	--	9.1 UJ C	--	7.5 U	--	8.4 U	7.7 U	8.7 U	8.0 U	7.9 U
2,2-Dichloropropane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,1,1,2-Tetrachloroethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Acetone	ug/kg	9.0 U B	--	9.1 U B	--	7.5 U B, Z	--	14	10	8.7 U B	9.3	8.2
Chloroform	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Benzene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,1,1-Trichloroethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Bromomethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Chloromethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Dibromomethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Bromochloromethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Chloroethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Vinyl Chloride	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Methylene chloride	ug/kg	4.5 U B	--	4.6 U B	--	3.8 U B, Z	--	36	21 J Q	4.3 U B	4.0 U B, F	4.0 U B, F
Bromoform	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Bromodichloromethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,1-Dichloroethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,1-Dichloroethene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Trichlorofluoromethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Dichlorodifluoromethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Freon 113a	ug/kg	5.6 UJ L	--	5.7 UJ L	--	4.7 UJ L	--	5.2 U	4.8 U	5.4 U	5.0 U	5.0 U
Freon 113	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,2-Dichloropropane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
2-Butanone	ug/kg	9.0 U	--	9.1 U	--	7.5 U	--	8.4 U	7.7 U	8.7 U	8.0 U	7.9 U
1,1,2-Trichloroethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Trichloroethene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,1,2,2-Tetrachloroethane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Chlorotrifluoroethene	ug/kg	5.6 U	--	5.7 U	--	4.7 U	--	5.2 U	4.8 U	5.4 U	5.0 U	5.0 U
1,2,3-Trichlorobenzene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
o-Xylene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
2-Chlorotoluene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,2,4-Trimethylbenzene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,2-Dibromo-3-chloropropane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
1,2,3-Trichloropropane	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
tert-Butylbenzene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 U	4.0 U
Isopropylbenzene	ug/kg	4.5 U	--	4.6 U	--	3.8 U	--	4.2 U	3.8 U	4.3 U	4.0 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-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-097-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-097-SA5DN-SB-8.5-9.5 06/21/2011 DE185 8.5 9.5	SL-098-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-098-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-098-SA5DN-SB-7.0-8.0 06/21/2011 DE185 7 8	SL-099-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-099-SA5DN-SB-4.0-5.0 06/21/2011 DE185 4 5	SL-100-SA5DN-SB-3.0-4.0 06/23/2011 DE187 3 4	SL-101-SA5DN-SB-2.5-3.5 06/23/2011 DE187 2.5 3.5	SL-102-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5
Chemical Name	Unit											
GRO (C5-C12)	mg/kg	--	1.0 U	0.9 U	--	1.1 U	1.0 U	--	1 U	--	--	--
EFH (C12-C14)	mg/kg	13 U	1.4 U	1.3 U	6.7 U	2.8 U	1.4 U	6.3 U	1.4 U	--	--	2.6 U
EFH (C15-C20)	mg/kg	9.3 J Z	1.4 U	1.3 U	3.6 J Z	2.8 U	1.4 U	3.0 J Z	1.4 U	--	--	4.6
EFH (C21-C30)	mg/kg	51	1.4 U	1.3 U	40	9.5	1.4 U	35	1.4 U	--	--	26
EFH (C30-C40)	mg/kg	320	1.4 U	1.3 U	140	34	1.3 J Z	130	0.70 J Z	--	--	78
EFH (C8-C11)	mg/kg	13 U	1.4 U	1.3 U	6.7 U	2.8 U	1.4 U	6.3 U	1.4 U	--	--	2.6 U
1,4-Dichlorobenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,2,4-Trichlorobenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,3-Dichlorobenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Hexachlorobutadiene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,2-Dichlorobenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Isopropyltoluene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Ethylbenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Styrene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
cis-1,3-Dichloropropene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
trans-1,3-Dichloropropene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
N-Propylbenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
N-Butylbenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
4-Chlorotoluene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,2-Dibromoethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,2-Dichloroethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
4-Methyl-2-Pentanone	ug/kg	--	8.3 U	8.1 U	--	8.3 U	8.0 U	--	8.1 U	7.3 U	7.9 U	--
1,3,5-Trimethylbenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Bromobenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Toluene	ug/kg	--	0.09 J Z	0.08 J Z	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U B	--
Chlorobenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
2-Chloroethyl Vinyl Ether	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,4-Dioxane	ug/kg	--	15 U	15 U	--	14 U	15 U	--	15 U	14 U	15 U	--
Dibromochloromethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Tetrachloroethene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
sec-Butylbenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,3-Dichloropropane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
cis-1,2-Dichloroethene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
trans-1,2-Dichloroethene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Methyl tert-Butyl Ether	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
m,p-Xylene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Carbon tetrachloride	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,1-Dichloropropene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
2-Hexanone	ug/kg	--	8.3 U	8.1 U	--	8.3 U	8.0 U	--	8.1 U	7.3 U	7.9 U	--
2,2-Dichloropropane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,1,1,2-Tetrachloroethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Acetone	ug/kg	--	8.3 U B	8.1 U B	--	8.3 U B	8.0 U B	--	8.1 U	7.8	7.9	--
Chloroform	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Benzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,1,1-Trichloroethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Bromomethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Chloromethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Dibromomethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Bromochloromethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Chloroethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Vinyl Chloride	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Methylene chloride	ug/kg	--	4.1 U B	4.1 U B	--	4.2 U B	4.0 U B	--	4.0 U B	3.7 U B	3.9 U B	--
Bromoform	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Bromodichloromethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,1-Dichloroethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,1-Dichloroethene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Trichlorofluoromethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Dichlorodifluoromethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Freon 113a	ug/kg	--	5.2 U	5.1 U	--	5.2 U	5.0 U	--	5.0 U	4.6 U	4.9 U	--
Freon 113	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,2-Dichloropropane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
2-Butanone	ug/kg	--	8.3 U	8.1 U	--	8.3 U	8.0 U	--	8.1 U	7.3 U	7.9 U	--
1,1,2-Trichloroethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Trichloroethene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,1,2,2-Tetrachloroethane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Chlorotrifluoroethene	ug/kg	--	5.2 U	5.1 U	--	5.2 U	5.0 U	--	5.0 U	4.6 U	4.9 U	--
1,2,3-Trichlorobenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
o-Xylene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
2-Chlorotoluene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,2,4-Trimethylbenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,2-Dibromo-3-chloropropane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
1,2,3-Trichloropropane	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
tert-Butylbenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 U	--
Isopropylbenzene	ug/kg	--	4.1 U	4.1 U	--	4.2 U	4.0 U	--	4.0 U	3.7 U	3.9 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-102-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-103-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-103-SA5DN-SB-4.0-5.0 06/24/2011 DE188 4 5	SL-103-SA5DN-SB-7.0-8.0 06/24/2011 DE188 7 8	SL-104-SA5DN-SS-0.0-0.5 05/31/2011 DE169 0 0.5	SL-104-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-105-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-105-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-106-SA5DN-SS-0.0-0.5 06/01/2011 DE170 0 0.5	SL-106-SA5DN-SB-4.0-5.0 06/23/2011 DE187 4 5	SL-106-SA5DN-SB-9.0-10.0 06/23/2011 DE187 9 10
Chemical Name	Unit											
GRO (C5-C12)	mg/kg	1.0 U	--	1.3 U	1 U	--	0.9 U	--	1.1 U	--	1 U	1 U
EFH (C12-C14)	mg/kg	1.3 U	2.6 U	1.3 U	1.4 U	13 U	1.3 U	6.4 U	1.3 U	6.4 U	1.3 U	1.3 U
EFH (C15-C20)	mg/kg	1.3 U	3.5	0.90 J Q, Z	1.4 U	12 J Z	1.3 U	6.4 U	1.3 U	4.3 J Z	1.3 U	1.3 U
EFH (C21-C30)	mg/kg	1.3 U	17	7.5 J Q	1.4 U	150	1.3 U	22	1.3 U	24	1.3 U	1.3 U
EFH (C30-C40)	mg/kg	0.86 J Z	95	13	1.4 U B	330	0.70 J Z	77	0.99 J Z	98	0.74 J Z	0.76 J Z
EFH (C8-C11)	mg/kg	1.3 U	2.6 U	1.3 U	1.4 U	13 U	1.3 U	6.4 U	1.3 U	6.4 U	1.3 U	1.3 U
1,4-Dichlorobenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,2,4-Trichlorobenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,3-Dichlorobenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Hexachlorobutadiene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,2-Dichlorobenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Isopropyltoluene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Ethylbenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Styrene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
cis-1,3-Dichloropropene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
trans-1,3-Dichloropropene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
N-Propylbenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
N-Butylbenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
4-Chlorotoluene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,2-Dibromoethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,2-Dichloroethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
4-Methyl-2-Pentanone	ug/kg	8.2 U	--	8.4 U	8.5 U	--	7.7 U	--	7.8 U	--	7.5 U	8.2 U
1,3,5-Trimethylbenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Bromobenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Toluene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U B	4.1 U
Chlorobenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
2-Chloroethyl Vinyl Ether	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,4-Dioxane	ug/kg	15 U	--	17 U	16 U	--	14 U	--	15 U	--	14 U	14 U
Dibromochloromethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Tetrachloroethene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
sec-Butylbenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,3-Dichloropropane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
cis-1,2-Dichloroethene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
trans-1,2-Dichloroethene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Methyl tert-Butyl Ether	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
m,p-Xylene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Carbon tetrachloride	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,1-Dichloropropene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
2-Hexanone	ug/kg	8.2 U	--	8.4 U	8.5 U	--	7.7 U	--	7.8 U	--	7.5 U	8.2 U
2,2-Dichloropropane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,1,1,2-Tetrachloroethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Acetone	ug/kg	10	--	11	15	--	7.9	--	7.3 J Z	--	8.4	8.2
Chloroform	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Benzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,1,1-Trichloroethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Bromomethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Chloromethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Dibromomethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Bromochloromethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Chloroethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Vinyl Chloride	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Methylene chloride	ug/kg	4.1 U B	--	13	16	--	3.8 U B	--	3.9 U B	--	3.7 U B	4.1 U B
Bromoform	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Bromodichloromethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,1-Dichloroethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,1-Dichloroethene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Trichlorofluoromethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Dichlorodifluoromethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Freon 113a	ug/kg	5.1 U	--	5.3 U	5.3 U	--	4.8 U	--	4.8 U	--	4.7 U	5.1 U
Freon 113	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,2-Dichloropropane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
2-Butanone	ug/kg	8.2 U	--	8.4 U	8.5 U	--	7.7 U	--	7.8 U	--	7.5 U	8.2 U
1,1,2-Trichloroethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Trichloroethene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,1,2,2-Tetrachloroethane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Chlorotrifluoroethene	ug/kg	5.1 U	--	5.3 U	5.3 U	--	4.8 U	--	4.8 U	--	4.7 U	5.1 U
1,2,3-Trichlorobenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
o-Xylene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
2-Chlorotoluene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,2,4-Trimethylbenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,2-Dibromo-3-chloropropane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
1,2,3-Trichloropropane	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
tert-Butylbenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 U	4.1 U
Isopropylbenzene	ug/kg	4.1 U	--	4.2 U	4.3 U	--	3.8 U	--	3.9 U	--	3.7 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-107-SA5DN-SS-0.0-0.5	SL-107-SA5DN-SB-3.5-4.5	SL-109-SA5DN-SS-0.0-0.5	SL-109-SA5DN-SB-3.5-4.5	SL-110-SA5DN-SS-0.0-0.5	SL-110-SA5DN-SB-4.0-5.0	SL-111-SA5DN-SS-0.0-0.5	SL-111-SA5DN-SB-4.0-5.0	SL-112-SA5DN-SS-0.0-0.5	SL-112-SA5DN-SB-4.0-5.0	SL-113-SA5DN-SS-0.0-0.5
		06/01/2011 DE170 0 0.5	06/23/2011 DE187 3.5 4.5	06/01/2011 DE170 0 0.5	06/23/2011 DE187 3.5 4.5	05/31/2011 DE169 0 0.5	06/23/2011 DE187 4 5	05/31/2011 DE169 0 0.5	06/22/2011 DE186 4 5	05/31/2011 DE169 0 0.5	06/22/2011 DE186 4 5	05/31/2011 DE186 0 0.5
Chemical Name	Unit											
GRO (C5-C12)	mg/kg	--	1.1 U	--	0.9 U	--	1 U	--	0.9 U	--	1 U	--
EFH (C12-C14)	mg/kg	6.3 U	1.3 U	13 U	1.3 U	26 U	1.3 U	2.7 U	1.4 U	2.6 U	1.4 U	13 U
EFH (C15-C20)	mg/kg	2.9 J Z	1.3 U	9.6 J Z	1.3 U	23 J Z	1.3 U	2.5 J Z	1.4 U	4.5	1.4 U	6.0 J Z
EFH (C21-C30)	mg/kg	22	1.3 U	43	1.3 U	280	1.3 U	9.5	1.4 U	29	1.4 J FD	43
EFH (C30-C40)	mg/kg	93	0.50 J Z	200	0.62 J Z	530	0.74 J Z	36	0.96 J Z	76	4.2 J FD, Q	260
EFH (C8-C11)	mg/kg	6.3 U	1.3 U	13 U	1.3 U	26 U	1.3 U	2.7 U	1.4 U	2.6 U	1.4 U	13 U
1,4-Dichlorobenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,2,4-Trichlorobenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,3-Dichlorobenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Hexachlorobutadiene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,2-Dichlorobenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Isopropyltoluene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Ethylbenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Styrene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
cis-1,3-Dichloropropene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
trans-1,3-Dichloropropene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
N-Propylbenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
N-Butylbenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
4-Chlorotoluene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,2-Dibromoethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,2-Dichloroethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
4-Methyl-2-Pentanone	ug/kg	--	8.1 U	--	7.4 U	--	7.4 U	--	7.4 U	--	8.5 U	--
1,3,5-Trimethylbenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Bromobenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Toluene	ug/kg	--	4.1 U B	--	3.7 U B	--	3.7 U	--	3.7 U	--	4.2 UJ FD	--
Chlorobenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
2-Chloroethyl Vinyl Ether	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,4-Dioxane	ug/kg	--	15 U	--	15 U	--	15 U	--	14 U	--	15 U	--
Dibromochloromethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Tetrachloroethene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
sec-Butylbenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,3-Dichloropropane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
cis-1,2-Dichloroethene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
trans-1,2-Dichloroethene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Methyl tert-Butyl Ether	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
m,p-Xylene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Carbon tetrachloride	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,1-Dichloropropene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
2-Hexanone	ug/kg	--	8.1 U	--	7.4 U	--	7.4 U	--	7.4 U	--	8.5 U	--
2,2-Dichloropropane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,1,1,2-Tetrachloroethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Acetone	ug/kg	--	8.7	--	9.1	--	7.4 U	--	7.4 U	--	8.5 UJ FD	--
Chloroform	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Benzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,1,1-Trichloroethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Bromomethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Chloromethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Dibromomethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Bromochloromethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Chloroethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Vinyl Chloride	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Methylene chloride	ug/kg	--	4.1 U B	--	3.7 U B	--	3.7 U B	--	3.7 U B, F	--	4.2 U B, F	--
Bromoform	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Bromodichloromethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,1-Dichloroethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,1-Dichloroethene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Trichlorofluoromethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Dichlorodifluoromethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Freon 113a	ug/kg	--	5.1 U	--	4.6 U	--	4.6 U	--	4.6 U	--	5.3 U	--
Freon 113	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,2-Dichloropropane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
2-Butanone	ug/kg	--	8.1 U	--	7.4 U	--	7.4 U	--	7.4 U	--	8.5 U	--
1,1,2-Trichloroethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Trichloroethene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,1,2,2-Tetrachloroethane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Chlorotrifluoroethene	ug/kg	--	5.1 U	--	4.6 U	--	4.6 U	--	4.6 U	--	5.3 U	--
1,2,3-Trichlorobenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
o-Xylene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
2-Chlorotoluene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,2,4-Trimethylbenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,2-Dibromo-3-chloropropane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
1,2,3-Trichloropropane	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
tert-Butylbenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 U	--	4.2 U	--
Isopropylbenzene	ug/kg	--	4.1 U	--	3.7 U	--	3.7 U	--	3.7 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	SL-113-SA5DN-SB-4.0-5.0	SL-114-SA5DN-SB-4.0-5.0	SL-115-SA5DN-SB-4.0-5.0	SL-116-SA5DN-SB-2.0-3.0	SL-117-SA5DN-SS-0.0-0.5	SL-117-SA5DN-SB-4.0-5.0	SL-118-SA5DN-SS-0.0-0.5	SL-118-SA5DN-SB-4.0-5.0	SL-119-SA5DN-SS-0.0-0.5	SL-119-SA5DN-SB-4.0-5.0	SL-120-SA5DN-SS-0.0-0.5
SDG	Start Depth	06/21/2011	06/22/2011	06/22/2011	06/20/2011	05/27/2011	06/20/2011	05/27/2011	06/20/2011	05/27/2011	06/20/2011	05/27/2011
End Depth	Unit	DE185	DE186	DE186	DE190	DE167	DE184	DE167	DE184	DE167	DE184	DE167
Chemical Name	Unit	4	4	4	2	0	4	0	4	0	4	0
		5	5	5	3	0.5	5	0.5	5	0.5	5	0.5
GRO (C5-C12)	mg/kg	1.0 U	--	--	--	--	1.1 U	--	0.9 U	--	1 U	--
EFH (C12-C14)	mg/kg	1.4 U	--	--	--	6.6 U	1.3 U	1.3 U	1.3 U	13 U	1.4 U	6.6 U
EFH (C15-C20)	mg/kg	1.4 U	--	--	--	9.8	1.3 U	5.4	1.3 U	12 J Z	1.4 U	12
EFH (C21-C30)	mg/kg	1.4 U	--	--	--	67 J FD	1.3 U	13	1.3 U	88	1.4 U	52
EFH (C30-C40)	mg/kg	1.1 J Z	--	--	--	210 J FD	1.3 U	29	1.3 U	490	1.4 U	160
EFH (C8-C11)	mg/kg	1.4 U	--	--	--	6.6 U	1.3 U	1.3 U	1.3 U	13 U	1.4 U	6.6 U
1,4-Dichlorobenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,2,4-Trichlorobenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,3-Dichlorobenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Hexachlorobutadiene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,2-Dichlorobenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Isopropyltoluene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Ethylbenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Styrene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
cis-1,3-Dichloropropene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
trans-1,3-Dichloropropene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
N-Propylbenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
N-Butylbenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
4-Chlorotoluene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,2-Dibromoethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,2-Dichloroethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
4-Methyl-2-Pentanone	ug/kg	8.2 U	7.8 U	8.6 U	8.8 U	--	9.1 U	--	9.0 U	--	8.0 U	--
1,3,5-Trimethylbenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Bromobenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Toluene	ug/kg	0.09 J Z	3.9 U B	4.3 U B	4.4 UJ B, FD	--	0.10 J Z	--	0.15 J Z	--	0.10 J Z	--
Chlorobenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
2-Chloroethyl Vinyl Ether	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,4-Dioxane	ug/kg	15 U	14 U	15 U	15 U	--	16 U	--	17 U	--	15 U	--
Dibromochloromethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Tetrachloroethene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
sec-Butylbenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,3-Dichloropropane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
cis-1,2-Dichloroethene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
trans-1,2-Dichloroethene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Methyl tert-Butyl Ether	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
m,p-Xylene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Carbon tetrachloride	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,1-Dichloropropene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
2-Hexanone	ug/kg	8.2 U	7.8 U	8.6 U	8.8 U	--	9.1 U	--	9.0 U	--	8.0 U	--
2,2-Dichloropropane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,1,1,2-Tetrachloroethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Acetone	ug/kg	8.2 U B	8.8	8.8	8.8 U B	--	9.1 U B	--	9.0 U B	--	8.0 U B	--
Chloroform	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Benzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,1,1-Trichloroethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Bromomethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Chloromethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Dibromomethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Bromochloromethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Chloroethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Vinyl Chloride	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Methylene chloride	ug/kg	4.1 U B	3.9 U B, F	4.3 U B, F	93 J FD	--	4.6 U B	--	4.5 U B	--	4.0 U B	--
Bromoform	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Bromodichloromethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,1-Dichloroethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,1-Dichloroethene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Trichlorofluoromethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Dichlorodifluoromethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Freon 113a	ug/kg	5.2 U	4.9 U	5.4 U	5.5 U	--	5.7 U	--	5.6 U	--	5.0 U	--
Freon 113	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,2-Dichloropropane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
2-Butanone	ug/kg	8.2 U	7.8 U	8.6 U	8.8 U	--	9.1 U	--	9.0 U	--	8.0 U	--
1,1,2-Trichloroethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Trichloroethene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,1,2,2-Tetrachloroethane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Chlorotrifluoroethene	ug/kg	5.2 U	4.9 U	5.4 U	5.5 U	--	5.7 U	--	5.6 U	--	5.0 U	--
1,2,3-Trichlorobenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
o-Xylene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
2-Chlorotoluene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,2,4-Trimethylbenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,2-Dibromo-3-chloropropane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
1,2,3-Trichloropropane	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
tert-Butylbenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--
Isopropylbenzene	ug/kg	4.1 U	3.9 U	4.3 U	4.4 U	--	4.6 U	--	4.5 U	--	4.0 U	--

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

Sample Name	SL-120-SA5DN-SB-4.0-5.0	SL-121-SA5DN-SS-0.0-0.5	SL-121-SA5DN-SB-4.0-5.0	SL-121-SA5DN-SB-8.0-9.0	SL-122-SA5DN-SB-4.0-5.0	SL-123-SA5DN-SB-2.5-3.5	SL-125-SA5DN-SS-0.0-0.5	SL-125-SA5DN-SB-4.0-5.0	SL-125-SA5DN-SB-9.0-10.0	SL-128-SA5DN-SB-4.0-5.0	SL-129-SA5DN-SB-2.5-3.5
Sample Date	06/21/2011	05/31/2011	06/21/2011	06/21/2011	06/24/2011	06/27/2011	05/31/2011	06/21/2011	06/21/2011	06/29/2011	06/29/2011
SDG	DE185	DE169	DE185	DE185	DE188	DE189	DE169	DE185	DE185	DE191	DE191
Start Depth	4	0	4	8	4	2.5	0	4	9	4	2.5
End Depth	5	0.5	5	9	5	3.5	0.5	5	10	5	3.5
Chemical Name	Unit										
GRO (C5-C12)	mg/kg	1 U	--	1.1 U	1.0 U	--	--	1 U	1 U	--	--
EFH (C12-C14)	mg/kg	1.4 U	13 U	1.3 U	2.5 U	--	6.6 U	1.4 U	1.3 U	--	--
EFH (C15-C20)	mg/kg	1.4 U	6.3 J Z	1.3 U	1.3 J Z	--	3.9 J Z	1.4 U	1.3 U	--	--
EFH (C21-C30)	mg/kg	0.51 J Z	130	1.3 U	20	--	27	1.4 U	1.3 U	--	--
EFH (C30-C40)	mg/kg	0.84 J Z	310	1.1 J Z	69	--	110	0.71 J Z	1.3 U	--	--
EFH (C8-C11)	mg/kg	1.4 U	13 U	1.3 U	2.5 U	--	6.6 U	1.4 U	1.3 U	--	--
1,4-Dichlorobenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,2,4-Trichlorobenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,3-Dichlorobenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Hexachlorobutadiene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,2-Dichlorobenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Isopropyltoluene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Ethylbenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Styrene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
cis-1,3-Dichloropropene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
trans-1,3-Dichloropropene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
N-Propylbenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
N-Butylbenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
4-Chlorotoluene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,2-Dibromoethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,2-Dichloroethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
4-Methyl-2-Pentanone	ug/kg	8.3 U	--	8.2 U	8.2 U	8.3 U	--	8.2 U	7.9 U	7.8 U	7.5 U
1,3,5-Trimethylbenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Bromobenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Toluene	ug/kg	4.2 U	--	4.1 U	4.1 U	0.1 J Z	4.1 U	4.1 U	3.9 U	3.9 U B	3.8 U B
Chlorobenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
2-Chloroethyl Vinyl Ether	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,4-Dioxane	ug/kg	14 U	--	14 U	15 U	15 U	--	14 U	15 U	15 U	14 U
Dibromochloromethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Tetrachloroethene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
sec-Butylbenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,3-Dichloropropane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
cis-1,2-Dichloroethene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
trans-1,2-Dichloroethene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Methyl tert-Butyl Ether	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
m,p-Xylene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Carbon tetrachloride	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,1-Dichloropropene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
2-Hexanone	ug/kg	8.3 U	--	8.2 U	8.2 U	8.3 U	--	8.2 U	7.9 U	7.8 U	7.5 U
2,2-Dichloropropane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,1,1,2-Tetrachloroethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Acetone	ug/kg	8.3 U	--	8.2 U B	8.2 U B	12	--	8.2 U	7.9 U B	7.8 U B	7.5 U B
Chloroform	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Benzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,1,1-Trichloroethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Bromomethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Chloromethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Dibromomethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Bromochloromethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Chloroethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Vinyl Chloride	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Methylene chloride	ug/kg	4.2 U B	--	4.1 U B	4.1 U B	15	--	4.1 U B	3.9 U B	3.9 U B, F	3.8 U B, F
Bromoform	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Bromodichloromethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,1-Dichloroethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,1-Dichloroethene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Trichlorofluoromethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Dichlorodifluoromethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Freon 113a	ug/kg	5.2 U	--	5.1 U	5.1 U	5.2 U	--	5.1 U	4.9 U	4.9 U	4.7 U
Freon 113	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,2-Dichloropropane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
2-Butanone	ug/kg	8.3 U	--	8.2 U	8.2 U	8.3 U	--	8.2 U	7.9 U	7.8 U	7.5 U
1,1,2-Trichloroethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Trichloroethene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,1,2,2-Tetrachloroethane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Chlorotrifluoroethene	ug/kg	5.2 U	--	5.1 U	5.1 U	5.2 U	--	5.1 U	4.9 U	4.9 U	4.7 U
1,2,3-Trichlorobenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
o-Xylene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
2-Chlorotoluene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,2,4-Trimethylbenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,2-Dibromo-3-chloropropane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
1,2,3-Trichloropropane	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
tert-Butylbenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 U	3.8 U
Isopropylbenzene	ug/kg	4.2 U	--	4.1 U	4.1 U	4.2 U	--	4.1 U	3.9 U	3.9 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	SL-130-SA5DN-SB-4.0-5.0	SL-131-SA5DN-SB-3.5-4.5	SL-132-SA5DN-SS-0.0-0.5	SL-132-SA5DN-SB-4.0-5.0	SL-133-SA5DN-SS-0.0-0.5	SL-133-SA5DN-SB-4.0-5.0	SL-134-SA5DN-SS-0.0-0.5	SL-135-SA5DN-SS-0.0-0.5	SL-136-SA5DN-SS-0.0-0.5	SL-137-SA5DN-SS-0.0-0.5	SL-138-SA5DN-SS-0.0-0.5
SDG	05/25/2011	05/25/2011	06/28/2011	06/02/2011	06/28/2011	06/02/2011	05/25/2011	06/02/2011	06/02/2011	06/02/2011	06/02/2011	06/02/2011
Start Depth	DE162	DE162	DE190	DE171	DE190	DE171	DE162	DE171	DE171	DE171	DE171	DE171
End Depth	4	4	3.5	0	4	0	4	0	0	0	0	0
Unit	5	5	4.5	0.5	5	0.5	5	0.5	0.5	0.5	0.5	0.5
Chemical Name	Unit											
GRO (C5-C12)	mg/kg	--	--	--	0.9 U	--	0.9 U	--	--	--	--	--
EFH (C12-C14)	mg/kg	--	--	6.1 U	1.3 U	6.2 U	1.3 U	2.5 U	12 U	6.1 U	6.1 U	6.1 U
EFH (C15-C20)	mg/kg	--	--	6.0 J Z	1.3 U	10	1.3 U	1.4 J Z	12 U	6.1 U	6.1 U	6.1 U
EFH (C21-C30)	mg/kg	--	--	37	1.3 U	21	1.3 U	14	20	12	11	13
EFH (C30-C40)	mg/kg	--	--	69	0.58 J Z	110	1.2 J L, Z	37	82	54	49	49
EFH (C8-C11)	mg/kg	--	--	6.1 U	1.3 U	6.2 U	1.3 U	2.5 U	12 U	6.1 U	6.1 U	6.1 U
1,4-Dichlorobenzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,2,4-Trichlorobenzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,3-Dichlorobenzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Hexachlorobutadiene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,2-Dichlorobenzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Isopropyltoluene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Ethylbenzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Styrene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
cis-1,3-Dichloropropene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
trans-1,3-Dichloropropene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
N-Propylbenzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
N-Butylbenzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
4-Chlorotoluene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,2-Dibromoethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,2-Dichloroethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
4-Methyl-2-Pentanone	ug/kg	7.7 U	8.0 U	--	7.8 U	--	7.3 U	--	--	--	--	--
1,3,5-Trimethylbenzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Bromobenzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Toluene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Chlorobenzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
2-Chloroethyl Vinyl Ether	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,4-Dioxane	ug/kg	16 U	14 U	--	14 U	--	14 U	--	--	--	--	--
Dibromochloromethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Tetrachloroethene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
sec-Butylbenzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,3-Dichloropropane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
cis-1,2-Dichloroethene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
trans-1,2-Dichloroethene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Methyl tert-Butyl Ether	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
m,p-Xylene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Carbon tetrachloride	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,1-Dichloropropene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
2-Hexanone	ug/kg	7.7 U	8.0 U	--	7.8 U	--	7.3 U	--	--	--	--	--
2,2-Dichloropropane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,1,1,2-Tetrachloroethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Acetone	ug/kg	7.7 U B	8.0 U B	--	7.8 U B	--	7.3 U B	--	--	--	--	--
Chloroform	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Benzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,1,1-Trichloroethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Bromomethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Chloromethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Dibromomethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Bromochloromethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Chloroethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Vinyl Chloride	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Methylene chloride	ug/kg	3.9 U B	18	--	3.9 U B	--	3.7 U B	--	--	--	--	--
Bromoform	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Bromodichloromethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,1-Dichloroethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,1-Dichloroethene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Trichlorofluoromethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Dichlorodifluoromethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Freon 113a	ug/kg	4.8 U	5.0 U	--	4.9 U	--	4.6 U	--	--	--	--	--
Freon 113	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,2-Dichloropropane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
2-Butanone	ug/kg	7.7 U	8.0 U	--	7.8 U	--	7.3 U	--	--	--	--	--
1,1,2-Trichloroethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Trichloroethene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,1,2,2-Tetrachloroethane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Chlorotrifluoroethene	ug/kg	4.8 U	5.0 U	--	4.9 U	--	4.6 U	--	--	--	--	--
1,2,3-Trichlorobenzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
o-Xylene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
2-Chlorotoluene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,2,4-Trimethylbenzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,2-Dibromo-3-chloropropane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
1,2,3-Trichloropropane	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
tert-Butylbenzene	ug/kg	3.9 U	4.0 U	--	3.9 U	--	3.7 U	--	--	--	--	--
Isopropylbenzene	ug/kg	3.9 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-139-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-139-SA5DN-SB-2.0-3.0 05/24/2011 DE161 2 3	SL-140-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-140-SA5DN-SB-2.0-3.0 05/25/2011 DE162 2 3	SL-141-SA5DN-SS-0.0-0.5 06/02/2011 DE171 0 0.5	SL-141-SA5DN-SB-4.0-5.0 06/28/2011 DE190 4 5	SL-142-SA5DN-SB-2.0-3.0 05/25/2011 DE162 2 3	SL-143-SA5DN-SB-4.0-5.0 06/28/2011 DE190 4 5	SL-144-SA5DN-SB-2.0-3.0 05/25/2011 DE162 2 3	SL-145-SA5DN-SB-2.0-3.0 05/24/2011 DE161 2 3	SL-146-SA5DN-SB-2.0-3.0 05/24/2011 DE161 2 3
Chemical Name	Unit											
GRO (C5-C12)	mg/kg	--	1 U	--	0.9 U	--	1.0 U	--	--	--	--	--
EFH (C12-C14)	mg/kg	2.4 U	1.3 U	2.4 U	1.3 U	13 U	1.3 U	--	--	--	--	--
EFH (C15-C20)	mg/kg	2.4 U	0.49 J Z	4.7	1.3 U	7.0 J Z	2.4	--	--	--	--	--
EFH (C21-C30)	mg/kg	6	0.70 J Z	15	1.3 U	40	14	--	--	--	--	--
EFH (C30-C40)	mg/kg	25	1.3 U B	48	1.5 J L	140	25	--	--	--	--	--
EFH (C8-C11)	mg/kg	2.4 U	1.3 U	2.4 U	1.3 U	13 U	1.3 U	--	--	--	--	--
1,4-Dichlorobenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,2,4-Trichlorobenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,3-Dichlorobenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Hexachlorobutadiene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,2-Dichlorobenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Isopropyltoluene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Ethylbenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Styrene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
cis-1,3-Dichloropropene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
trans-1,3-Dichloropropene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
N-Propylbenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
N-Butylbenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
4-Chlorotoluene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,2-Dibromoethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,2-Dichloroethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
4-Methyl-2-Pentanone	ug/kg	--	9.3 U	--	7.6 U	--	8.6 U	8.5 U	8.6 U	8.4 U	8.2 U	8.8 U
1,3,5-Trimethylbenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Bromobenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Toluene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U B	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Chlorobenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
2-Chloroethyl Vinyl Ether	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,4-Dioxane	ug/kg	--	17 U	--	14 U	--	15 U	16 U	16 U	18 U	17 U	16 U
Dibromochloromethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Tetrachloroethene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
sec-Butylbenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,3-Dichloropropane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
cis-1,2-Dichloroethene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
trans-1,2-Dichloroethene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Methyl tert-Butyl Ether	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
m,p-Xylene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Carbon tetrachloride	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,1-Dichloropropene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
2-Hexanone	ug/kg	--	9.3 U	--	7.6 U	--	8.6 U	8.5 U	8.6 U	8.4 U	8.2 U	8.8 U
2,2-Dichloropropane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,1,1,2-Tetrachloroethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Acetone	ug/kg	--	9.3 U B	--	7.6 U B	--	8.6 U B	8.5 U B	8.6 U B	8.4 U B	8.2 U B	8.8 U B
Chloroform	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Benzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,1,1-Trichloroethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Bromomethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Chloromethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Dibromomethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Bromochloromethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Chloroethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Vinyl Chloride	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Methylene chloride	ug/kg	--	4.7 U B	--	3.8 U B	--	27	4.3 U B	4.3 U B	4.2 U B	4.1 U B	4.4 U B
Bromoform	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Bromodichloromethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,1-Dichloroethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,1-Dichloroethene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Trichlorofluoromethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Dichlorodifluoromethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Freon 113a	ug/kg	--	5.8 UJ L	--	4.7 U	--	5.4 U	5.3 U	5.4 U	5.3 U	5.1 UJ L	5.5 UJ L
Freon 113	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,2-Dichloropropane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
2-Butanone	ug/kg	--	9.3 U	--	7.6 U	--	8.6 U	8.5 U	8.6 U	8.4 U	8.2 U	8.8 U
1,1,2-Trichloroethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Trichloroethene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,1,2,2-Tetrachloroethane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Chlorotrifluoroethene	ug/kg	--	5.8 U	--	4.7 U	--	5.4 U	5.3 U	5.4 U	5.3 U	5.1 U	5.5 U
1,2,3-Trichlorobenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
o-Xylene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
2-Chlorotoluene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,2,4-Trimethylbenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,2-Dibromo-3-chloropropane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
1,2,3-Trichloropropane	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
tert-Butylbenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U
Isopropylbenzene	ug/kg	--	4.7 U	--	3.8 U	--	4.3 U	4.3 U	4.3 U	4.2 U	4.1 U	4.4 U

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

Sample Name	Sample Date	SL-149-SA5DN-SB-4.0-5.0	SL-150-SA5DN-SB-4.0-5.0	SL-152-SA5DN-SB-2.5-3.5	SL-154-SA5DN-SB-4.0-5.0	SL-155-SA5DN-SB-4.0-5.0	SL-156-SA5DN-SB-4.0-5.0	SL-157-SA5DN-SB-4.0-5.0	SL-158-SA5DN-SB-4.0-5.0	SL-159-SA5DN-SB-4.0-5.0	SL-164-SA5DN-SB-4.0-5.0	SL-165-SA5DN-SB-4.0-5.0
SDG	07/11/2011	05/24/2011	06/29/2011	06/29/2011	07/08/2011	07/08/2011	07/08/2011	07/08/2011	07/08/2011	07/08/2011	07/07/2011	06/29/2011
Start Depth	DE197	DE161	DE191	DE191	DE196	DE196	DE196	DE196	DE196	DE196	DE195	DE191
End Depth	4	4	2.5	4	4	4	4	4	4	4	4	4
Unit	5	5	3.5	5	5	5	5	5	5	5	5	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	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,2,4-Trichlorobenzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,3-Dichlorobenzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Hexachlorobutadiene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,2-Dichlorobenzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Isopropyltoluene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Ethylbenzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Styrene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
cis-1,3-Dichloropropene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
trans-1,3-Dichloropropene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
N-Propylbenzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
N-Butylbenzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
4-Chlorotoluene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,2-Dibromoethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,2-Dichloroethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
4-Methyl-2-Pentanone	ug/kg	8.7 U	9.1 U	8.1 U	7.4 U	7.5 U	8.2 U	8.5 U	7.9 U	8.9 U	7.9 U	8.2 U
1,3,5-Trimethylbenzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Bromobenzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Toluene	ug/kg	4.4 U B	4.5 U	4.1 U B	3.7 U B	3.8 U B	4.1 U B	4.3 U B	3.9 U B	4.5 U B	0.09 J Z	4.1 U B
Chlorobenzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
2-Chloroethyl Vinyl Ether	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,4-Dioxane	ug/kg	17 U	17 U	15 U	14 U	14 U	15 U	15 U	15 U	14 U	14 U	14 U
Dibromochloromethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Tetrachloroethene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
sec-Butylbenzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,3-Dichloropropane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
cis-1,2-Dichloroethene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
trans-1,2-Dichloroethene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Methyl tert-Butyl Ether	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
m,p-Xylene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Carbon tetrachloride	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,1-Dichloropropene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
2-Hexanone	ug/kg	8.7 U	9.1 U	8.1 U	7.4 U	7.5 U	8.2 U	8.5 U	7.9 U	8.9 U	7.9 U	8.2 U
2,2-Dichloropropane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,1,1,2-Tetrachloroethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Acetone	ug/kg	8.7 U B	9.1 U B	8.1 U B	7.4 U B	7.5 U B	8.2 U B	8.5 U B	7.9 U B	8.9 U B	7.9 U B	8.2 U B
Chloroform	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U B	4.1 U B	4.3 U B	3.9 U B	4.5 U B	0.14 J Z	4.1 U
Benzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,1,1-Trichloroethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Bromomethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Chloromethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Dibromomethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Bromochloromethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Chloroethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Vinyl Chloride	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Methylene chloride	ug/kg	4.4 U J B, L	4.5 U B	4.1 U B, F	3.7 U B, F	82 J L	64 J L	26 J L	130 J L	27 J L	76	4.1 U B, F
Bromoform	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Bromodichloromethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,1-Dichloroethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,1-Dichloroethene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Trichlorofluoromethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Dichlorodifluoromethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Freon 113a	ug/kg	5.4 U	5.7 U J L	5.1 U	4.6 U	4.7 U	5.1 U	5.3 U	4.9 U	5.6 U	5.0 U	5.1 U
Freon 113	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,2-Dichloropropane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
2-Butanone	ug/kg	8.7 U	9.1 U	8.1 U	7.4 U	7.5 U	8.2 U	8.5 U	7.9 U	8.9 U	7.9 U	8.2 U
1,1,2-Trichloroethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Trichloroethene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,1,2,2-Tetrachloroethane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Chlorotrifluoroethene	ug/kg	5.4 U	5.7 U	5.1 U	4.6 U	4.7 U	5.1 U	5.3 U	4.9 U	5.6 U	5.0 U	5.1 U
1,2,3-Trichlorobenzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
o-Xylene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
2-Chlorotoluene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,2,4-Trimethylbenzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,2-Dibromo-3-chloropropane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
1,2,3-Trichloropropane	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
tert-Butylbenzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 U	4.1 U
Isopropylbenzene	ug/kg	4.4 U	4.5 U	4.1 U	3.7 U	3.8 U	4.1 U	4.3 U	3.9 U	4.5 U	4.0 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-166-SA5DN-SB-4.0-5.0	SL-167-SA5DN-SB-4.0-5.0	SL-168-SA5DN-SB-4.0-5.0	SL-169-SA5DN-SB-4.0-5.0	SL-171-SA5DN-SS-0.0-0.5	SL-175-SA5DN-SS-0.0-0.5	SL-175-SA5DN-SB-4.0-5.0	SL-175-SA5DN-SB-9.0-10.0	SL-179-SA5DN-SS-0.0-0.5	SL-179-SA5DN-SB-4.0-5.0	SL-179-SA5DN-SB-9.0-10.0
Chemical Name	Unit	07/07/2011	07/07/2011	07/07/2011	07/07/2011	07/07/2011	07/07/2011	07/07/2011	05/26/2011	05/26/2011	08/01/2011	08/01/2011	05/26/2011	07/27/2011	07/27/2011
		DE195	DE195	DE195	DE195	DE195	DE195	DE195	DE166	DE166	DE213	DE213	DE166	DE210	DE210
		4	4	4	4	4	4	4	0	0	4	9	0	4	9
		5	5	5	5	5	5	5	0.5	0.5	5	10	0.5	5	10
GRO (C5-C12)	mg/kg	--	--	--	--	--	--	--	--	--	0.9 U	1.1 U	--	1.0 U	1.0 U
EFH (C12-C14)	mg/kg	--	--	--	--	--	--	--	32 U	13 U	6.6 U	1.4 U	1.3 U	6.2 U	1.4 U
EFH (C15-C20)	mg/kg	--	--	--	--	--	--	--	32 U	6.0 J Z	6.6 U	1.4 U	3.5 J L	6.2 U	1.4 U
EFH (C21-C30)	mg/kg	--	--	--	--	--	--	--	56	41	17 J FD	1.7	16	58	1.4 U
EFH (C30-C40)	mg/kg	--	--	--	--	--	--	--	220	170	76 J FD	7.3	36 J L	160	1.4 U
EFH (C8-C11)	mg/kg	--	--	--	--	--	--	--	32 U	13 U	6.6 U	1.4 U	1.3 U	6.2 U	1.4 U
1,4-Dichlorobenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Isopropyltoluene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Styrene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
N-Propylbenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
N-Butylbenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone	ug/kg	8.7 U	8.6 U	8.4 U	8.8 U	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Bromobenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Toluene	ug/kg	0.1 J Z	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
2-Chloroethyl Vinyl Ether	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,4-Dioxane	ug/kg	16 U	16 U	15 U	16 U	--	--	--	--	--	--	--	--	--	--
Dibromochloromethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Methyl tert-Butyl Ether	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
m,p-Xylene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,1-Dichloropropene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
2-Hexanone	ug/kg	8.7 U	8.6 U	8.4 U	8.8 U	--	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,1,1,2-Tetrachloroethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Acetone	ug/kg	8.7 U B	8.6 U B	8.4 U B	8.8 U B	--	--	--	--	--	--	--	--	--	--
Chloroform	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Benzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Bromomethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Chloromethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Dibromomethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Bromochloromethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Chloroethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Methylene chloride	ug/kg	33 J Q	4.3 U B	4.2 U B	4.4 U B	--	--	--	--	--	--	--	--	--	--
Bromoform	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Freon 113a	ug/kg	5.4 U	5.4 U	5.3 U	5.5 U	--	--	--	--	--	--	--	--	--	--
Freon 113	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
2-Butanone	ug/kg	8.7 U	8.6 U	8.4 U	8.8 U	--	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Trichloroethene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Chlorotrifluoroethene	ug/kg	5.4 U	5.4 U	5.3 U	5.5 U	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
o-Xylene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
2-Chlorotoluene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,2,4-Trimethylbenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,2-Dibromo-3-chloropropane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichloropropane	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
tert-Butylbenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--
Isopropylbenzene	ug/kg	4.3 U	4.3 U	4.2 U	4.4 U	--	--	--	--	--	--	--	--	--	--

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

Sample Name	Sample Date	SL-181-SA5DN-SB-4.0-5.0	SL-182-SA5DN-SB-4.0-5.0	SL-184-SA5DN-SB-4.0-5.0	SL-186-SA5DN-SS-0.0-0.5	SL-186-SA5DN-SB-4.0-5.0	SL-186-SA5DN-SB-9.0-10.0	SL-187-SA5DN-SB-4.0-5.0	SL-190-SA5DN-SB-4.0-5.0	SL-191-SA5DN-SS-0.0-0.5	SL-191-SA5DN-SB-4.0-5.0	SL-191-SA5DN-SB-9.0-10.0
SDG	06/30/2011	06/30/2011	06/30/2011	06/30/2011	05/24/2011	07/05/2011	07/05/2011	06/30/2011	07/06/2011	05/24/2011	07/06/2011	07/06/2011
Start Depth	DE192	DE192	DE192	DE192	DE160	DE193	DE193	DE192	DE194	DE160	DE194	DE194
End Depth	4	4	4	4	0	4	9	4	4	0	4	9
Unit	5	5	5	5	0.5	5	10	5	5	0.5	5	10
Chemical Name	Unit											
GRO (C5-C12)	mg/kg	--	--	--	--	1 U	0.9 U	--	--	--	1 U	1 U
EFH (C12-C14)	mg/kg	--	--	--	1.4 U	1.4 U	1.4 U	--	--	0.98 J Z	1.4 U	1.4 U
EFH (C15-C20)	mg/kg	--	--	--	2.5	1.4 U	1.4 U	--	--	4.4	1.4 U	1.4 U
EFH (C21-C30)	mg/kg	--	--	--	17	1.4 U	1.4 U	--	--	13	1.4 U	1.4 U
EFH (C30-C40)	mg/kg	--	--	--	34	0.97 J Z	0.57 J Z	--	--	34	1.4 U	1.4 U
EFH (C8-C11)	mg/kg	--	--	--	0.63 J Z	1.4 U	1.4 U	--	--	1.3 U	1.4 U	1.4 U
1,4-Dichlorobenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,2,4-Trichlorobenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,3-Dichlorobenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Hexachlorobutadiene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,2-Dichlorobenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Isopropyltoluene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Ethylbenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Styrene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
cis-1,3-Dichloropropene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
trans-1,3-Dichloropropene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
N-Propylbenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
N-Butylbenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
4-Chlorotoluene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,2-Dibromoethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,2-Dichloroethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
4-Methyl-2-Pentanone	ug/kg	8.0 U	9.0 U	8.8 U	--	7.6 U	7.7 U	8.0 U	8.1 U	--	7.8 U	8.1 U
1,3,5-Trimethylbenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Bromobenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Toluene	ug/kg	0.12 J Z	0.12 J Z	0.12 J Z	--	3.8 U	0.08 J Z	0.11 J Z	0.15 J Z	--	0.08 J Z	0.16 J Z
Chlorobenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
2-Chloroethyl Vinyl Ether	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,4-Dioxane	ug/kg	15 U	24 U	16 U	--	14 U	14 U	14 U	15 U	--	14 U	14 U
Dibromochloromethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Tetrachloroethene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
sec-Butylbenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,3-Dichloropropane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
cis-1,2-Dichloroethene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
trans-1,2-Dichloroethene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Methyl tert-Butyl Ether	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
m,p-Xylene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Carbon tetrachloride	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,1-Dichloropropene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
2-Hexanone	ug/kg	8.0 U	9.0 U	8.8 U	--	7.6 U	7.7 U	8.0 U	8.1 U	--	7.8 U	8.1 U
2,2-Dichloropropane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,1,1,2-Tetrachloroethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Acetone	ug/kg	50	41	39	--	11	12	37	8.1 U B	--	7.8 U B	8.1 U B
Chloroform	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	0.13 J Z
Benzene	ug/kg	4.0 U	0.17 J Z	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,1,1-Trichloroethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Bromomethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Chloromethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Dibromomethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Bromochloromethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Chloroethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Vinyl Chloride	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Methylene chloride	ug/kg	32	14	15	--	3.8 U B	3.8 U B	11	19	--	16	27
Bromoform	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Bromodichloromethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,1-Dichloroethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,1-Dichloroethene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Trichlorofluoromethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Dichlorodifluoromethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Freon 113a	ug/kg	5.0 U	5.6 U	5.5 U	--	4.8 U	4.8 U	5.0 U	5.1 U	--	4.9 U	5.1 U
Freon 113	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,2-Dichloropropane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
2-Butanone	ug/kg	8.0 U	9.0 U	8.8 U	--	7.6 U	7.7 U	8.0 U	8.1 U	--	7.8 U	8.1 U
1,1,2-Trichloroethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Trichloroethene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,1,2,2-Tetrachloroethane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Chlorotrifluoroethene	ug/kg	5.0 U	5.6 U	5.5 U	--	4.8 U	4.8 U	5.0 U	5.1 U	--	4.9 U	5.1 U
1,2,3-Trichlorobenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
o-Xylene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
2-Chlorotoluene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,2,4-Trimethylbenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,2-Dibromo-3-chloropropane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
1,2,3-Trichloropropane	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
tert-Butylbenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 U	--	3.9 U	4.1 U
Isopropylbenzene	ug/kg	4.0 U	4.5 U	4.4 U	--	3.8 U	3.8 U	4.0 U	4.1 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-192-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-192-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5	SL-192-SA5DN-SB-9.0-10.0 07/05/2011 DE193 9 10	SL-194-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5	SL-195-SA5DN-SB-4.0-5.0 07/05/2011 DE193 4 5	SL-196-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-197-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-197-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-197-SA5DN-SB-9.0-10.0 06/30/2011 DE192 9 10	SL-198-SA5DN-SS-0.0-0.5 05/24/2011 DE160 0 0.5	SL-198-SA5DN-SB-4.0-5.0 08/05/2011 DE218 4 5
Chemical Name Unit												
GRO (C5-C12)	mg/kg	--	0.9 U	1 U	--	--	--	--	1.1 U	1.1 U	--	1 U
EFH (C12-C14)	mg/kg	3.0 U	1.4 U	1.4 U	--	--	--	2.8 U	1.4 U	1.4 U	66 U	1.4 U
EFH (C15-C20)	mg/kg	8.4	1.4 U	1.4 U	--	--	--	13	1.4 U	1.4 U	66 U	1.4 U
EFH (C21-C30)	mg/kg	23	1.4 U	1.4 U	--	--	--	31	0.76 J Z	1.4 U	160	1.9
EFH (C30-C40)	mg/kg	78	1.4 U	1.4 U	--	--	--	85	1.4 U B	0.95 J Z	740	8.7
EFH (C8-C11)	mg/kg	3.0 U	1.4 U	1.4 U	--	--	--	1.9 J Z	1.4 U	1.4 U	66 U	1.4 U
1,4-Dichlorobenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,2,4-Trichlorobenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,3-Dichlorobenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Hexachlorobutadiene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,2-Dichlorobenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Isopropyltoluene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Ethylbenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Styrene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
cis-1,3-Dichloropropene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
trans-1,3-Dichloropropene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
N-Propylbenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
N-Butylbenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
4-Chlorotoluene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,2-Dibromoethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,2-Dichloroethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
4-Methyl-2-Pentanone	ug/kg	--	7.6 U	7.7 U	7.9 U	8.4 U	8.7 U	--	8.1 U	8.0 U	--	--
1,3,5-Trimethylbenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Bromobenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Toluene	ug/kg	--	3.8 U	0.10 J Z	0.11 J Z	0.15 J Z	0.15 J Z	--	0.11 J Z	0.09 J Z	--	--
Chlorobenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
2-Chloroethyl Vinyl Ether	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,4-Dioxane	ug/kg	--	14 U	14 U	14 U	16 U	15 U	--	15 U	16 U	--	--
Dibromochloromethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Tetrachloroethene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
sec-Butylbenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,3-Dichloropropane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
cis-1,2-Dichloroethene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
trans-1,2-Dichloroethene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Methyl tert-Butyl Ether	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
m,p-Xylene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Carbon tetrachloride	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,1-Dichloropropene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
2-Hexanone	ug/kg	--	7.6 U	7.7 U	7.9 U	8.4 U	8.7 U	--	8.1 U	8.0 U	--	--
2,2-Dichloropropane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,1,1,2-Tetrachloroethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Acetone	ug/kg	--	12	11	11	12	41	--	29	34	--	--
Chloroform	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Benzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,1,1-Trichloroethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Bromomethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Chloromethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Dibromomethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Bromochloromethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Chloroethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Vinyl Chloride	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Methylene chloride	ug/kg	--	13	3.9 U B	3.9 U B	4.2 U B	12	--	4.1 U B	4.0 U B	--	--
Bromoform	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Bromodichloromethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,1-Dichloroethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,1-Dichloroethene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Trichlorofluoromethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Dichlorodifluoromethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Freon 113a	ug/kg	--	4.8 U	4.8 U	4.9 U	5.2 U	5.4 U	--	5.1 U	5.0 U	--	--
Freon 113	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,2-Dichloropropane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
2-Butanone	ug/kg	--	7.6 U	7.7 U	7.9 U	8.4 U	8.7 U	--	8.1 U	8.0 U	--	--
1,1,2-Trichloroethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Trichloroethene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,1,2,2-Tetrachloroethane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Chlorotrifluoroethene	ug/kg	--	4.8 U	4.8 U	4.9 U	5.2 U	5.4 U	--	5.1 U	5.0 U	--	--
1,2,3-Trichlorobenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
o-Xylene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
2-Chlorotoluene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,2,4-Trimethylbenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,2-Dibromo-3-chloropropane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
1,2,3-Trichloropropane	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
tert-Butylbenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 U	--	4.1 U	4.0 U	--	--
Isopropylbenzene	ug/kg	--	3.8 U	3.9 U	3.9 U	4.2 U	4.4 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-198-SA5DN-SB-9.0-10.0 08/05/2011 DE218 9 10	SL-199-SA5DN-SB-4.0-5.0 07/11/2011 DE197 4 5	SL-200-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-201-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-202-SA5DN-SB-4.0-5.0 06/13/2011 DE179 4 5	SL-203-SA5DN-SB-4.0-5.0 06/30/2011 DE192 4 5	SL-205-SA5DN-SB-4.0-5.0 07/06/2011 DE194 4 5	SL-206-SA5DN-SB-4.0-5.0 05/19/2011 DE156 4 5	SL-207-SA5DN-SS-0.0-0.5 06/03/2011 DE173 0 0.5	SL-207-SA5DN-SB-4.0-5.0 08/11/2011 DE222 4 5
Chemical Name	Unit										
GRO (C5-C12)	mg/kg	1.3 U	--	--	--	--	--	--	--	--	1.1 U
EFH (C12-C14)	mg/kg	1.3 U	--	--	--	--	--	--	--	13 U	1.4 U
EFH (C15-C20)	mg/kg	1.3 U	--	--	--	--	--	--	--	7.4 J Z	1.4 U
EFH (C21-C30)	mg/kg	2.2	--	--	--	--	--	--	--	160	1.4 U
EFH (C30-C40)	mg/kg	7.1	--	--	--	--	--	--	--	300	0.70 J Z
EFH (C8-C11)	mg/kg	1.3 U	--	--	--	--	--	--	--	13 U	1.4 U
1,4-Dichlorobenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,2,4-Trichlorobenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,3-Dichlorobenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Hexachlorobutadiene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,2-Dichlorobenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Isopropyltoluene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Ethylbenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Styrene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
cis-1,3-Dichloropropene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
trans-1,3-Dichloropropene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
N-Propylbenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
N-Butylbenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
4-Chlorotoluene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,2-Dibromoethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,2-Dichloroethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
4-Methyl-2-Pentanone	ug/kg	--	8.0 U	8.3 U	8.9 U	8.4 U	8.8 U	7.9 U	8.6 U	--	--
1,3,5-Trimethylbenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Bromobenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Toluene	ug/kg	--	4.0 U B	0.11 J FD, Z	0.12 J Z	0.17 J Z	0.15 J Z	4.0 U	4.3 U	--	--
Chlorobenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
2-Chloroethyl Vinyl Ether	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,4-Dioxane	ug/kg	--	14 U	15 U	16 U	15 U	16 U	14 U	--	--	--
Dibromochloromethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Tetrachloroethene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
sec-Butylbenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,3-Dichloropropane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
cis-1,2-Dichloroethene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
trans-1,2-Dichloroethene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Methyl tert-Butyl Ether	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
m,p-Xylene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Carbon tetrachloride	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,1-Dichloropropene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
2-Hexanone	ug/kg	--	8.0 U	8.3 U	8.9 U	8.4 U	8.8 U	7.9 U	8.6 U	--	--
2,2-Dichloropropane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,1,1,2-Tetrachloroethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Acetone	ug/kg	--	8.0 U B	8.3 U B	8.9 U B	8.4 U	40	7.9 U B	9.7	--	--
Chloroform	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Benzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,1,1-Trichloroethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Bromomethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Chloromethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Dibromomethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Bromochloromethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Chloroethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Vinyl Chloride	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Methylene chloride	ug/kg	--	4.0 UJ B, L	4.2 UJ B, FD, Q	4.4 U B	4.2 U B	4.4 U B	4.0 U B	4.3 U B, F	--	--
Bromoform	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Bromodichloromethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,1-Dichloroethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,1-Dichloroethene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Trichlorofluoromethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Dichlorodifluoromethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Freon 113a	ug/kg	--	5.0 U	5.2 U	5.6 U	5.2 U	5.5 U	5.0 U	5.4 UJ L	--	--
Freon 113	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,2-Dichloropropane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
2-Butanone	ug/kg	--	8.0 U	8.3 U	8.9 U	8.4 U	8.8 U	7.9 U	8.6 U	--	--
1,1,2-Trichloroethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Trichloroethene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,1,2,2-Tetrachloroethane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Chlorotrifluoroethene	ug/kg	--	5.0 U	5.2 U	5.6 U	5.2 U	5.5 U	5.0 U	5.4 U	--	--
1,2,3-Trichlorobenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
o-Xylene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
2-Chlorotoluene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,2,4-Trimethylbenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,2-Dibromo-3-chloropropane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
1,2,3-Trichloropropane	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
tert-Butylbenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--
Isopropylbenzene	ug/kg	--	4.0 U	4.2 U	4.4 U	4.2 U	4.4 U	4.0 U	4.3 U	--	--

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-002-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-002-SA5DS-SB-1.8-2.8 11/14/2011 DE286 1.8 2.8	SL-004-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-005-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-005-SA5DS-SB-1.0-2.0 11/09/2011 DE283 1 2	SL-006-SA5DS-SS-0.0-0.5 09/27/2011 DE283 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	3	--
Fluoride	mg/kg	4.6 J Q	1.4 J Q	1.2 J Q	2.0 J Q	1.3 J Q	1.2 J Q	1.1 UJ Q
Cyanide	mg/kg	--	--	--	--	--	0.52 U	--
Aluminum	mg/kg	12200	17600	18000	14300	14500	14800	17000
Iron	mg/kg	22900	25100	24900 J Q	26100	21800	26600	23300
Lead	mg/kg	40.1 J A	24.2 J A	6.38 J Q, A	15	11.9	7.68 J Q, E	14.8 J Q, E
Lithium	mg/kg	16.2	20	23.3	20.1	19.4	18.8	19.5
Magnesium	mg/kg	5630	5310	5800	5060	5140	6400	5010
Manganese	mg/kg	305	385	331	289	268	191	278
Mercury	mg/kg	0.0133 J Z	0.0222 J Z	0.106 U	0.0103 J Z	0.0074 J Z	0.0994 U	0.0144 J Z
Molybdenum	mg/kg	0.757 J Q	0.747 J Q	0.493	0.414	0.366	0.333 J Q, E	0.484 J Q, E
Nickel	mg/kg	14.0 J Q, A	15.8 J Q, A	12.2 J Q, A	9.66	10.2	12.9 J Q, E	12.5 J Q, E
Potassium	mg/kg	1760	4290	2830 J Q	2490	2260	1300	3110
Silver	mg/kg	0.0372 J Q, Z	0.0472 J Q, Z	0.0381 J Z	0.0252 J Z	0.0236 J Z	0.0159 J Q, E, Z	0.0259 J Q, E, Z
Sodium	mg/kg	124	101	85.6 J Z	93.6 J Z	91.1 J Z	113	98.3 J Z
Strontium	mg/kg	22	29.6	23.9	20.1 J E	20.9 J E	19.6	26.5
Thallium	mg/kg	0.172 J Q	0.219 J Q	0.206	0.157	0.15	0.134 J Q, E	0.238 J Q, E
Tin	mg/kg	10.1 U B	10.0 U B	10.6 U B	10.1 U B	10.1 U B	10.3 U B	10.6 U B
Titanium	mg/kg	1240	1230	997	1110	999	827	924
Antimony	mg/kg	0.436 J Q	0.309 J Q	0.180 J Q, Z	0.105 J Q, Z	0.112 J Q, Z	0.114 J Q, E, Z	0.203 J FD, Q, E, Z
Arsenic	mg/kg	7.36 J Q	6.53 J Q	4.92 J Q	5.22	4.67	6.45 J Q, E	5.80 J Q, E
Beryllium	mg/kg	0.401	0.482	0.529	0.416	0.424	0.596 J E, Q	0.698 J E, Q
Barium	mg/kg	69.4 J A	105 J A	87.8 J E, A	54.3	51.4	49.8 J E	81.2 J E
Boron	mg/kg	7.49	10.9	11	10.5	9.43	6.19	7.62
Cadmium	mg/kg	0.294 J Q	0.345 J Q	0.214	0.16	0.161	0.128 J Q, E	0.233 J Q, E
Chromium	mg/kg	54.1 J A	48.8 J A	34.5 J Q, A	34.4	32.9	51.3 J Q, E	42.0 J Q, E
Cobalt	mg/kg	7.42	7.83	8.13 J A	5.83	6.46	5.13 J E	6.69 J E
Copper	mg/kg	7.37 J Q	11.0 J Q	7.03	5.54	5.55	5.67 J Q, E	7.68 J Q, E
Vanadium	mg/kg	98.1 J A	84.4 J A	58.3 J A	58.4	56.9	84.3 J Q, E	69.8 J Q, E
Zinc	mg/kg	72.7 J A	75.9 J A	47.3	53.9	50.5	61.9 J Q, E	60.5 J Q, E
Zirconium	mg/kg	12.5	6.76	8.84	5.39	3.56 J Z	9.61	8.03
Calcium	mg/kg	5160	5460	4180	3540 J E	3540 J E	3960	3670
Phosphorus	mg/kg	878	825	615	715	808	868	731
Selenium	mg/kg	0.257 J Q, Z	0.294 J Q, Z	0.143 J Z	0.350 J Z	0.244 J Z	0.299 J E, Z	0.290 J E, Z
Chromium VI	mg/kg	1.0 U	1.0 U	1.1	0.97 J Z	0.92 J Z	0.60 J Z	1.1 UJ FD
Perchlorate (314.0)	ug/kg	30.2 U	30.6 U	32.1 U	30.5 U	30.5 U	31.7 U	33.4 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	0.67	2.1	6.6	1.7	1.5	5.3	10.3
pH	pH unit	6.04	7.04	7.27	5.96	6.03	6.09	6.27

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Sample Name Sample Date SDG Start Depth End Depth		SL-007-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-008-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-009-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-010-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-010-SA5DS-SB-2.0-3.0 11/08/2011 DE282 2 3	SL-013-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-013-SA5DS-SB-4.0-5.0 10/18/2011 DE271 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	3.6	--	--
Fluoride	mg/kg	1.0 UJ Q	1.1 J Q	1.0 UJ Q	1.0 UJ Q	1.6 J Q	0.93 J Q, Z	2.2 J E, Q
Cyanide	mg/kg	--	--	--	--	0.54 U	--	--
Aluminum	mg/kg	17200	11700	17500	16800	16100	17600	23300
Iron	mg/kg	22700	17900	21900	22100	24400	21300	25000
Lead	mg/kg	14.2 J Q	5.33 J Q	14.8 J Q	18.9 J Q	5.17 J E	14.2 J Q	7.64 J Q, E
Lithium	mg/kg	16.3	25.1	15.6	16.7	17.8	17.2	23.2
Magnesium	mg/kg	4860	4490	4660	4590	5660	4330	5430
Manganese	mg/kg	257	258	282	298	164	294	281
Mercury	mg/kg	0.0981 U F	0.0979 U	0.0983 U F	0.0947 U F	0.0091 J Z	0.0997 U F	0.111 U
Molybdenum	mg/kg	0.705 J Q	0.439 J Q	0.696 J Q	0.792 J Q	0.196 J Q, E	0.839 J Q	0.585 J Q, E
Nickel	mg/kg	12.7 J Q	12.0 J Q	13.4 J Q	15.9 J Q	10.4 J Q, E	14.0 J Q	16.7 J E, Q
Potassium	mg/kg	2500	2850	2680	2660	1210	3170	1790
Silver	mg/kg	0.0242 J Q, Z	0.0787 J Q, Z	0.0309 J Q, Z	0.0320 J Q, Z	0.0165 J Q, E, Z	0.0405 J Q, Z	0.0267 J Q, Z
Sodium	mg/kg	87.7 J Z	69.5 J Z	88.4 J Z	91.2 J Z	123	85.1 J Z	102 J Z
Strontium	mg/kg	24.5	10.8	26.8	24.9	19.8	25.1	25.4
Thallium	mg/kg	0.184 J Q	0.284 J Q	0.216 J Q	0.248 J Q	0.101 J Q, E, Z	0.210 J Q	0.272 J Q
Tin	mg/kg	10.1 U B	9.99 U B	10.2 U B	10.0 U B	10.9 U B	10.1 U B	10.8 U B
Titanium	mg/kg	1180	1110	1160	1200	1050	1200	1090
Antimony	mg/kg	0.271 J Q	0.105 J Q, Z	0.294 J Q	0.307 J Q	0.160 J Q, E, Z	0.229 J Q	0.128 J Q, Z
Arsenic	mg/kg	6.01 J Q	4.51 J Q	6.31 J Q	7.13 J Q	6.23 J Q, E	5.71 J Q	6.34 J Q, E
Beryllium	mg/kg	0.643	0.523	0.694	0.766	0.469 J E, Q	0.739	0.896 J Q, E
Barium	mg/kg	79.1	97.4	90.8	101	38.2 J E	93.1	92.1 J E
Boron	mg/kg	8.27	4.38 J Z	7.25	7.3	5.84	7.27	5.39 U
Cadmium	mg/kg	0.203 J Q	0.125 J Q	0.221 J Q	0.297 J Q	0.0665 J Q, E, Z	0.240 J Q	0.143 J Q
Chromium	mg/kg	37.6 J Q	16.6 J Q	38.3 J Q	46.2 J Q	36.8 J Q, E	37.9 J Q	45.8 J Q, E
Cobalt	mg/kg	6.77 J Q	6.13 J Q	7.48 J Q	9.03 J Q	3.85 J E	7.23 J Q	9.22 J Q
Copper	mg/kg	7.44 J Q	7.88 J Q	8.34 J Q	9.76 J Q	3.98 J Q, E	8.80 J Q	8.96 J Q, E
Vanadium	mg/kg	64.8	34.9	65.4	77	66.2 J E	63.5	78.1 J Q, E
Zinc	mg/kg	57.8	72.7	61.2	73.5	42.9 J E	61.9	60
Zirconium	mg/kg	6.09	0.970 J Z	5.85	6.14	15	3.72 J Z	7.64
Calcium	mg/kg	3100	2820	3230	3450	3440	3010	3120
Phosphorus	mg/kg	594	340	586	660	661	585	491
Selenium	mg/kg	0.204 J Z	0.0809 J Z	0.222 J Z	0.252 J Z	0.203 J E, Z	0.217 J Z	0.304 J Q, Z
Chromium VI	mg/kg	1.1	0.48 J Z	0.68 J Z	0.21 J Z	0.47 J Z	0.97 U	0.52 J Z
Perchlorate (314.0)	ug/kg	30.5 U	30.6 U	30.5 U	30.4 U	33.4 U	30.7 U	34.0 U
Perchlorate (6850)	ug/kg	--	5.1 U	--	--	--	--	--
Percent Moisture	%	1.5	1.9	1.5	1.4	10.3	2.2	11.7
pH	pH unit	6.2	6.33	5.96	6.05	7.06	5.85	7.67

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Sample Name Sample Date SDG Start Depth End Depth		SL-014-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-015-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-015-SA5DS-SB-3.5-4.5 10/18/2011 DE271 3.5 4.5	SL-016-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-016-SA5DS-SB-4.0-5.0 10/19/2011 DE272 4 5	SL-017-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-019-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.0 U	1.0 U	1.5 J E, Q	1.0 U	2.5	1.3	1.3 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	18200	17700	18800	17600	21500	16600	16100
Iron	mg/kg	22400	22500	23800	22400	27000	22300	21900
Lead	mg/kg	11.9 J Q	11.6 J Q	7.22 J Q, E	13.3 J Q	5.59 J E, Q, A	30.0 J Q	10.5
Lithium	mg/kg	18.3	17.6	20.4	17	19.9	17.2	17.8
Magnesium	mg/kg	4840	4560	5530	4630	5280	4760	5120
Manganese	mg/kg	306	273	239	309	303	273	252
Mercury	mg/kg	0.101 U F	0.0472 J Z	0.107 U	0.102 U	0.104 U	0.0978 U F	0.0135 J Z
Molybdenum	mg/kg	0.685 J Q	0.779 J Q	0.498 J Q, E	0.726 J Q	0.538	0.808 J Q	0.351
Nickel	mg/kg	11.6 J Q	15.5 J Q	14.6 J E, Q	15.7 J Q	12.6 J Q, A	17.8 J Q	10.4
Potassium	mg/kg	2730	3100	2080	3510	1690	2390	2830
Silver	mg/kg	0.0258 J Q, Z	0.0297 J Q, Z	0.0200 J Q, Z	0.0328 J Q, Z	0.0268 J Z	0.0461 J Q, Z	0.0210 J Z
Sodium	mg/kg	93.6 J Z	84.7 J Z	109	80.5 J Z	110	97.7 J Z	86.7 J Z
Strontium	mg/kg	26.7	25.2	25.6	27.1	27.5	30.7	20.2 J E
Thallium	mg/kg	0.186 J Q	0.233 J Q	0.226 J Q	0.245 J Q	0.222	0.245 J Q	0.173
Tin	mg/kg	9.95 U B	9.87 U B	10.5 U B	10.3 U B	10.8 U B	9.97 U B	9.97 U B
Titanium	mg/kg	1210	1220	1040	1220	1480	1140	1120
Antimony	mg/kg	0.242 J Q	0.305 J Q	0.150 J Q, Z	0.287 J Q	0.215 UJ B, Q	0.328 J Q	0.0922 J Q, Z
Arsenic	mg/kg	4.58 J Q	6.25 J Q	5.91 J Q, E	5.99 J Q	5.58 J E, Q	6.84 J Q	4.73
Beryllium	mg/kg	0.584	0.732	0.774 J Q, E	0.768	0.712	0.812	0.464
Barium	mg/kg	76.9	101	90.8 J E	104	65.0 J A	104	64.8
Boron	mg/kg	7.05	7.07	5.27 U	7.67	2.00 J Z	8.34	9.42
Cadmium	mg/kg	0.210 J Q	0.279 J Q	0.151 J Q	0.286 J Q	0.119	0.338 J Q	0.191
Chromium	mg/kg	31.3 J Q	39.8 J Q	41.8 J Q, E	38.1 J Q	36.8 J Q, A	43.4 J Q	34.8
Cobalt	mg/kg	5.97 J Q	8.50 J Q	9.72 J Q	8.95 J Q	6.94 J A	10.6 J Q	6.28
Copper	mg/kg	7.35 J Q	9.03 J Q	8.23 J Q, E	9.83 J Q	6.80 J Q	10.5 J Q	5.38
Vanadium	mg/kg	53.2	71.2	72.2 J Q, E	66.9	66.2 J A	78.8	58.8
Zinc	mg/kg	51.4	65.7	60.2	65.4	50.7	80	48.4
Zirconium	mg/kg	2.65 J Z	5.38	6.73	4.97 J Z	13	6.1	7.94
Calcium	mg/kg	3290	3290	3190	3460	3090	4170	3250 J E
Phosphorus	mg/kg	717	643	550	642	432 J Q, E	706	668
Selenium	mg/kg	0.216 J Z	0.241 J Z	0.303 J Q, Z	0.220 J Z	0.154 J Z	0.253 J Z	0.190 J Z
Chromium VI	mg/kg	0.53 J Z	1	2.1	0.73 J Z	0.56 J Z	1.4	1.0 U
Perchlorate (314.0)	ug/kg	30.5 U	30.8 U	33.2 U	683	32.6 U	30.5 U	30.5 U
Perchlorate (6850)	ug/kg	--	5.1 U	--	--	--	--	--
Percent Moisture	%	1.5	2.6	9.6	4.9	8.1	1.7	1.7
pH	pH unit	5.66	6.1	6.76	5.87	7	6.27	5.9

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-SA5DS-SB-2.0-3.0 11/08/2011 DE282 2 3	SL-020-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-021-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-021-SA5DS-SB-2.0-3.0 11/09/2011 DE283 2 3	SL-022-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-022-SA5DS-SB-4.0-5.0 11/09/2011 DE283 4 5	SL-023-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	3.2	--	--	--	--	--	--
Fluoride	mg/kg	2.1 J Q	1.8 J Q	1.5 J Q	1.2 J Q	1.0 UJ Q	1.6 J Q	1.7 J Q
Cyanide	mg/kg	0.54 U	--	--	--	--	--	--
Aluminum	mg/kg	17700	15300	15600	15100	16100	18900	15000
Iron	mg/kg	26200	21400	21000	27800	22800	26600	22000
Lead	mg/kg	4.57 J E	12.4	8.71	4.61 J Q, E	9.99	5.91 J Q, E	12.3
Lithium	mg/kg	17.8	18.3	17.7	13	20.2	24	20.5
Magnesium	mg/kg	5850	4930	5000	3710	5050	5850	5540
Manganese	mg/kg	238	281	399	3560	306	289	267
Mercury	mg/kg	0.106 U	0.0088 J Z	0.0115 J Z	0.0157 J Z	0.0193 J Z	0.104 U	0.0118 J Z
Molybdenum	mg/kg	0.218 J Q, E	0.438	0.365	0.647 J Q, E	0.457	0.438 J Q, E	0.38
Nickel	mg/kg	9.74 J Q, E	10.1	10.4	14.0 J Q, E	10.8	13.9 J Q, E	10.2
Potassium	mg/kg	1160	2670	2370	1290	3490	1680	1770
Silver	mg/kg	0.104 UJ E	0.0708 J Z	0.0207 J Z	0.0161 J Q, E, Z	0.0204 J Z	0.0210 J Q, E, Z	0.0152 J Z
Sodium	mg/kg	117	88.1 J Z	91.3 J Z	95.0 J Z	83.9 J Z	115	98.7 J Z
Strontium	mg/kg	20.7	21.4 J E	23.6 J E	22.3	23.1 J E	23.9	21.9 J E
Thallium	mg/kg	0.124 J Q, E	0.149	0.167	0.150 J Q, E	0.146	0.211 J Q, E	0.129
Tin	mg/kg	10.7 U B	9.94 U B	9.87 U B	10.5 U B	10.1 U B	10.3 U B	10.1 U B
Titanium	mg/kg	1030	1100	1030	880	812	985	750
Antimony	mg/kg	0.0982 J Q, E, Z	0.107 J Q, Z	0.100 J Q, Z	0.127 J Q, E, Z	0.108 J Q, Z	0.116 J Q, E, Z	0.111 J Q, Z
Arsenic	mg/kg	5.83 J Q, E	4.58	4.61	8.02 J Q, E	4.4	5.75 J Q, E	4.68
Beryllium	mg/kg	0.534 J E, Q	0.441	0.452	0.846 J E, Q	0.43	0.649 J E, Q	0.426
Barium	mg/kg	47.4 J E	65	79.4	104 J E	64.3	67.3 J E	55.1
Boron	mg/kg	6.03	9.48	9.65	7.74	10.3	6.35	10.1
Cadmium	mg/kg	0.0667 J Q, E, Z	0.166	0.163	0.182 J Q, E	0.195	0.135 J Q, E	0.148
Chromium	mg/kg	36.3 J Q, E	31.2	33.3	32.7 J Q, E	31.7	40.8 J Q, E	32.8
Cobalt	mg/kg	4.49 J E	6.28	5.61	4.92 J E	6.79	6.57 J E	6.25
Copper	mg/kg	3.83 J Q, E	6.2	5.4	3.89 J Q, E	6.34	6.95 J Q, E	5.31
Vanadium	mg/kg	64.3 J E	54.8	55.2	68.1 J Q, E	55.3	71.1 J Q, E	57.6
Zinc	mg/kg	44.0 J E	50	46.9	37.3 J Q, E	50.3	52.4 J Q, E	48.4
Zirconium	mg/kg	13.5	6.66	4.06 J Z	11.8	5.84	9.73	5.94
Calcium	mg/kg	3250	3440 J E	3510 J E	2690	3560 J E	3360	3610 J E
Phosphorus	mg/kg	536	715	740	553	715	478	582
Selenium	mg/kg	0.124 J E, Z	0.190 J Z	0.170 J Z	0.103 J E, Z	0.217 J Z	0.209 J E, Z	0.259 J Z
Chromium VI	mg/kg	0.64 J Z	1.7	0.65 J Z	0.62 J Z	0.56 J Z	0.55 J Z	1.0 U
Perchlorate (314.0)	ug/kg	32.5 U	30.4 U	30.5 U	32.7 U	30.5 U	31.8 U	30.6 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	7.6	1.4	1.6	8.3	1.8	5.7	1.9
pH	pH unit	6.12	5.99	6.14	6.45	6.05	6.5	6.09

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-024-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-025-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-026-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-026-SA5DS-SB-4.0-5.0 10/20/2011 DE273 4 5	SL-026-SA5DS-SB-9.0-10.0 10/20/2011 DE273 9 10	SL-027-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-028-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.0 UJ Q	1.4 J Q	1.0 UJ Q	6.7 J Q	9.1 J Q	2.5 J Q	0.99 UJ Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	11800	13500	9970	20700 J E	30100 J E	15800	12000
Iron	mg/kg	19200	21500	18300	28500	37300	27200	25400
Lead	mg/kg	8.9	9.22	12.1 J A	6.65 J Q, A	9.82 J Q, A	10.1 J A	28.1 J A
Lithium	mg/kg	19.1	18.8	13.8	40	52.9	30.5	21.4
Magnesium	mg/kg	5160	5700	4310	8240	10500	7140	6320
Manganese	mg/kg	281	329	227	323	250	317	293
Mercury	mg/kg	0.0098 J Z	0.0098 J Z	0.0973 U	0.108 U	0.109 U B	0.0988 U	0.0095 J Z
Molybdenum	mg/kg	0.313	0.341	0.404 J Q	0.303	0.165	0.413 J Q	0.384 J Q
Nickel	mg/kg	9.27	9.08	20.0 J Q, A	14.4 J A	22.5 J A	20.6 J Q, A	17.3 J Q, A
Potassium	mg/kg	2320	1470	2570	4200 J Q	6250 J Q	3940	4800
Silver	mg/kg	0.0169 J Z	0.0162 J Z	0.0205 J Q, Z	0.109 U	0.0195 J Z	0.161 J Q	0.351 J Q
Sodium	mg/kg	111	98.2 J Z	199	164	209	146	195
Strontium	mg/kg	20.5 J E	21.3 J E	30.7	23.1	31.9	21.6	21.1
Thallium	mg/kg	0.112	0.102	0.186 J Q	0.269	0.395	0.367 J Q	0.244 J Q
Tin	mg/kg	10.1 U B	10.1 U B	9.85 U B	10.8 U B	11.0 U B	9.83 U B	9.76 U B
Titanium	mg/kg	1090	1210	1100	1380	1590	1260	1480
Antimony	mg/kg	0.119 J Q, Z	0.133 J Q, Z	0.102 J Q, Z	0.217 UJ Q	0.0880 J Q, Z	0.194 J Q, Z	0.145 J Q, Z
Arsenic	mg/kg	4.53	5.88	3.27 J Q	4.73 J Q	6.86 J Q	5.79 J Q	2.80 J Q
Beryllium	mg/kg	0.389	0.418	0.275	0.578 J Q	0.762 J Q	0.44	0.243
Barium	mg/kg	42.5	61.2	101 J A	70.5	103	128 J A	140 J A
Boron	mg/kg	8.87	9.52	5.5	13.4	17.5	9.43	7
Cadmium	mg/kg	0.156	0.134	0.152 J Q	0.0890 J Z	0.108 J Z	0.354 J Q	0.362 J Q
Chromium	mg/kg	31.2	32.7	24.8 J A	27.9 J Q, A	35.9 J Q, A	44.5 J A	22.5 J A
Cobalt	mg/kg	5.49	6.29	6.3	8.63 J A	8.11 J A	10.7	7.43
Copper	mg/kg	4.43	3.69	11.9 J Q	10.8 J A	20.6 J A	14.1 J Q	16.5 J Q
Vanadium	mg/kg	56.4	61.6	63.9 J A	56.7 J A	67.2 J A	95.0 J A	62.6 J A
Zinc	mg/kg	43.2	45.9	58.8 J A	67.9	98.9	104 J A	109 J A
Zirconium	mg/kg	9.18	11	4.92 U B	7.39	7.92	7.02	2.42 J Z
Calcium	mg/kg	4600 J E	4700 J E	3460	5730	6120	8000	4810
Phosphorus	mg/kg	838	721	472	588	613	655	739
Selenium	mg/kg	0.170 J Z	0.188 J Z	0.154 J Q, Z	0.206 J Z	0.344 J Z	0.282 J Q, Z	0.144 J Q, Z
Chromium VI	mg/kg	0.67 J Z	0.86 J Z	0.34 J Z	1.1 U	1.1 U	1.0 U	0.38 J Z
Perchlorate (314.0)	ug/kg	30.5 U	30.6 U	30.4 U	32.6 U	32.9 U	30.4 U	30.2 U
Perchlorate (6850)	ug/kg	--	--	--	5.4 U	--	--	--
Percent Moisture	%	1.6	2	1.4	8	8.9	1.2	0.56
pH	pH unit	6.65	6.48	6.84	8.2	7.13	7.41	7.1

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-028-SA5DS-SB-1.9-2.9 11/11/2011 DE285 1.9 2.9	SL-029-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-029-SA5DS-SB-3.5-4.5 11/11/2011 DE285 3.5 4.5	SL-030-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-031-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-031-SA5DS-SB-4.0-5.0 11/14/2011 DE286 4 5	SL-031-SA5DS-SB-9.0-10.0 11/14/2011 DE286 9 10
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	6.5	2.6 J Q	3.3	1.2 J Q	1.6 J Q	6.2 J Q	3.6 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	18600	29200	26800	26100	29200	31100	28900
Iron	mg/kg	28500	36900	36000	34100	39000	38200 J Q	44600 J Q
Lead	mg/kg	8.11	15.7 J A	9.21	17.8 J A	32.3 J A	8.91 J Q, A	8.86 J Q, A
Lithium	mg/kg	33.6	55.1	47.1	47.1	45.2	39.9	44.7
Magnesium	mg/kg	7990	10200	10400	9090	9660	9430	10700
Manganese	mg/kg	313 J E	345	293 J E	377	361	364	285
Mercury	mg/kg	0.107 U	0.0076 J Z	0.105 U	0.0145 J Z	0.0130 J Z	0.108 U	0.106 U
Molybdenum	mg/kg	0.105 U B	0.514 J Q	0.108 U B	0.651 J Q	0.664 J Q	0.371	0.108 U B
Nickel	mg/kg	15	29.2 J Q, A	21.4	34.2 J Q, A	28.6 J Q, A	21.9 J Q, A	21.4 J Q, A
Potassium	mg/kg	2910 J Q	5730	5010 J Q	7340	6660	4740 J Q	5150 J Q
Silver	mg/kg	0.105 U	0.0472 J Q, Z	0.0265 J Z	0.0488 J Q, Z	0.0554 J Q, Z	0.0233 J Z	0.0466 J Z
Sodium	mg/kg	163 J E	161	150 J E	146	135	194	198
Strontium	mg/kg	17.7	28.8	28.9	35.9	34.5	36	36.7
Thallium	mg/kg	0.276	0.539 J Q	0.381	0.616 J Q	0.526 J Q	0.41	0.407
Tin	mg/kg	22	10.2 U B	10.5 U B	10.1 U B	10.4 U B	10.9 U B	10.7 U B
Titanium	mg/kg	1040	1700	1340	1670	1710	1540	1410
Antimony	mg/kg	0.210 U	0.343 J Q	0.0902 J Z	0.182 J Q, Z	0.341 J Q	0.104 J Q, Z	0.217 UJ Q
Arsenic	mg/kg	4.26	8.36 J Q	4.67	9.83 J Q	8.83 J Q	5.80 J Q	5.35 J Q
Beryllium	mg/kg	0.539	0.635	0.719	0.576	0.693	0.815	0.762
Barium	mg/kg	57.5	143 J A	98.2	180 J A	151 J A	124 J E, A	114 J E, A
Boron	mg/kg	4.58 J Z	13.5	6.61	17.3	14	17.5	20
Cadmium	mg/kg	0.0832 J Z	0.252 J Q	0.143	0.283 J Q	0.268 J Q	0.159	0.174
Chromium	mg/kg	32.4	58.8 J A	31.3	68.5 J A	55.5 J A	33.0 J Q, A	31.3 J Q, A
Cobalt	mg/kg	11.2	14	8.82	16.8	14	11.2 J A	11.4 J A
Copper	mg/kg	10.4	22.4 J Q	16.3	25.6 J Q	24.8 J Q	16.7	19
Vanadium	mg/kg	57.5	118 J A	59.8	136 J A	111 J A	65.5 J A	59.4 J A
Zinc	mg/kg	62	116 J A	80.5	138 J A	138 J A	75.7	82.6
Zirconium	mg/kg	7.45	4.39 J Z	8.4	3.54 J Z	5.13 J Z	9.12	7.69
Calcium	mg/kg	4660	6510	6840	8470	6570	5480	6370
Phosphorus	mg/kg	555	503	552	677	528	310	503
Selenium	mg/kg	0.202 J Z	0.412 J Q	0.215 J Z	0.483 J Q	0.510 J Q	0.294 J Z	0.269 J Z
Chromium VI	mg/kg	1.1 U	1.4	0.28 J Z	1.0 U	0.38 J Z	0.49 J Z	0.36 J Z
Perchlorate (314.0)	ug/kg	32.4 U	31.1 U	32.7 U	30.7 U	31.1 U	33.4 U	33.5 U
Perchlorate (6850)	ug/kg	4.1 J L, Z	--	--	--	--	--	--
Percent Moisture	%	7.4	3.4	8.3	2.2	3.4	10.3	10.4
pH	pH unit	5.9	6.9	6.84	7.08	6.96	7.29	7.32

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Sample Name Sample Date SDG Start Depth End Depth		SL-032-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-033-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-033-SA5DS-SB-2.0-3.0 10/17/2011 DE270 2 3	SL-034-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-034-SA5DS-SB-4.0-5.0 10/17/2011 DE270 4 5	SL-034-SA5DS-SB-9.0-10.0 10/17/2011 DE270 9 10	SL-036-SA5DS-SB-4.0-5.0 10/14/2011 DE269 4 5
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	1.2 J Q	3.1	4.5 J Q	1.4	4.9 J Q	2.9 J Q	2.3
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	26500	30500	34000	31900	34200	28300	27200
Iron	mg/kg	33500	34900	33600	37400	36000	37800	33700 J E
Lead	mg/kg	15.3 J A	12.4 J Q	8.15 J Q	12.4 J Q	11.0 J Q	12.6 J Q	17.3 J Q, A
Lithium	mg/kg	40.6	31.2	35	31.6	31.2	40.4	32.7
Magnesium	mg/kg	8580	8030	8290	8840	8730	9470	8690
Manganese	mg/kg	371	344	306	370	367	304	352
Mercury	mg/kg	0.101 U	0.100 U	0.111 U	0.103 U	0.110 U	0.109 U	0.112 U B
Molybdenum	mg/kg	0.794 J Q	0.646 J Q	0.357	0.548 J Q	0.326	0.239 J Z	0.376
Nickel	mg/kg	26.2 J Q, A	28.7 J Q	19.3 J E, Q	27.8 J Q	26.2 J E, Q	25.5 J E, Q	20.8 J A
Potassium	mg/kg	6450	4150	3630	4980	4010	4670	3350 J Q
Silver	mg/kg	0.0435 J Q, Z	0.0371 J Q, Z	0.0183 J Z	0.0485 J Q, Z	0.0230 J FD, Z	0.275 U	0.112 U
Sodium	mg/kg	136	109	159	100 J Z	132	238	166
Strontium	mg/kg	51.6	65.3	58.5	40.3	47.1	42	59.3
Thallium	mg/kg	0.474 J Q	0.448 J Q	0.302	0.432 J Q	0.441	0.391	0.451
Tin	mg/kg	10.2 U B	10.4 U B	11.2 U B	10.3 U B	11.4 U B	11.0 U B	11.1 U B
Titanium	mg/kg	1520	1380	1740	1540	1820	1870	1650
Antimony	mg/kg	0.317 J Q	0.340 J Q	0.224 UJ B, Q	0.392 J Q	0.223 UJ FD, B, Q	0.550 UJ Q	0.276 J Q
Arsenic	mg/kg	8.40 J Q	8.25 J Q	5.25 J E, Q	7.40 J Q	6.85 J E, Q	7.79 J E, Q	10.4
Beryllium	mg/kg	0.621	1.13	0.808	1.16	0.879	0.87	1.04
Barium	mg/kg	146 J A	130	124	182	162	104	112 J A
Boron	mg/kg	15.9	13	3.70 J Z	15.5	4.91 J Z	3.84 J Z	5.56 U
Cadmium	mg/kg	0.282 J Q	0.304 J Q	0.137	0.304 J Q	0.162	0.136 J Z	0.0551 J Z
Chromium	mg/kg	47.7 J A	42.4 J Q	36.7	40.0 J Q	48.2	43.2	28.3 J A
Cobalt	mg/kg	12.6	15.0 J Q	15.7	13.9 J Q	15.5	25.6	13.0 J A
Copper	mg/kg	20.1 J Q	20.5 J Q	17.2	21.6 J Q	21.3	22.9	32.6 J A
Vanadium	mg/kg	97.5 J A	84.7	68.4 J E	79	99.3 J E	87.2 J E	74.7 J Q, A
Zinc	mg/kg	101 J A	97.6	70.6	102	91.9	91.1	101
Zirconium	mg/kg	2.88 J Z	3.67 J Z	5.18 J Z	4.78 J Z	5.12 J Z	4.89 J Z	8.51
Calcium	mg/kg	15900	29800	19600 J E	9210	9770 J E	8610 J E	7650
Phosphorus	mg/kg	571	437	347 J Q	511	258 J Q	646 J Q	635
Selenium	mg/kg	0.515 J Q	0.194 J Z	0.257 J Z	0.272 J Z	0.220 J FD, Z	0.165 J Z	0.110 J Z
Chromium VI	mg/kg	0.37 J Z	1.1 U	1.1 U	1.0 UJ FD	1.2 U	0.25 J Z	1.2 U
Perchlorate (314.0)	ug/kg	30.7 U	31.4 U	34.2 U	31.3 U	34.2 U	34.0 U	34.4 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	--
Percent Moisture	%	2.2	4.5	12.4	4	12.2	11.8	12.7
pH	pH unit	7.3	7.59	8.31	7.61	8.26	8.57	8.39

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

Sample Name Sample Date SDG Start Depth End Depth		SL-036-SA5DS-SB-9.0-10.0 10/14/2011 DE269 9 10	SL-037-SA5DS-SB-4.0-5.0 10/14/2011 DE269 4 5	SL-037-SA5DS-SB-9.0-10.0 10/14/2011 DE269 9 10	SL-038-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-038-SA5DS-SB-4.0-5.0 10/14/2011 DE269 4 5	SL-038-SA5DS-SB-9.0-10.0 10/14/2011 DE269 9 10	SL-039-SA5DS-SB-3.0-4.0 10/17/2011 DE270 3 4
Chemical Name	Unit							
Nitrate	mg/kg	--	--	--	--	--	--	--
Fluoride	mg/kg	3.9	4.7	11.8	2.1 J Q	3.6	2.9	1.5 J Q
Cyanide	mg/kg	--	--	--	--	--	--	--
Aluminum	mg/kg	31400	36300	40000	21900	23200	23500	28100
Iron	mg/kg	32600 J E	35200 J E	40800 J E	25900	27200 J E	27100 J E	30900
Lead	mg/kg	10.6 J Q, A	11.3 J Q, A	13.9 J Q, A	8.57	8.01 J Q, A	8.06 J Q, A	10.1 J Q
Lithium	mg/kg	30.9	31.4	37.5	24.3	28.9	23.3	38.6
Magnesium	mg/kg	6960	8110	10200	6260	6980	5830	8820
Manganese	mg/kg	366	468	277	337	328	363	227
Mercury	mg/kg	0.109 U	0.112 U	0.112 U	0.0877 J Z	0.105 U	0.104 U	0.104 U
Molybdenum	mg/kg	0.517	0.524	0.872	0.41	0.443	0.53	0.235
Nickel	mg/kg	20.5 J A	23.4 J A	30.5 J A	14.6	17.9 J A	18.8 J A	24.3 J E, Q
Potassium	mg/kg	3050 J Q	3700 J Q	4230 J Q	5520	3760 J Q	2800 J Q	4320
Silver	mg/kg	0.0257 J Z	0.0479 J Z	0.0232 J Z	0.0234 J Z	0.0220 J Z	0.0413 J Z	0.0229 J Z
Sodium	mg/kg	130	166	240	85.8 J Z	135	120	145
Strontium	mg/kg	51.6	66.2	65.8	41.1 J E	60.3	38	91
Thallium	mg/kg	0.398	0.482	0.594	0.269	0.305	0.303	0.391
Tin	mg/kg	11.1 U B	11.4 U B	11.5 U B	9.88 U B	10.7 U B	10.7 U B	10.5 U B
Titanium	mg/kg	1650	1620	1570	1200	1300	1340	1480
Antimony	mg/kg	0.201 J Q, Z	0.308 J Q	0.378 J Q	0.122 J Q, Z	0.188 J Q, Z	0.221 J Q	0.208 UJ B, Q
Arsenic	mg/kg	7.22	6.69	8.96	4.65	5.74	6.82	4.97 J E, Q
Beryllium	mg/kg	0.929	1.01	1.27	0.58	0.688	0.794	0.769
Barium	mg/kg	150 J A	179 J A	199 J A	92	116 J A	117 J A	143
Boron	mg/kg	5.53 U	5.93	7.06	13.6	5.35 U	5.34 U	4.03 J Z
Cadmium	mg/kg	0.172	0.155	0.0708 J Z	0.237	0.194	0.146	0.131
Chromium	mg/kg	36.9 J A	38.9 J A	47.6 J A	29.8	33.6 J A	40.4 J A	44.7
Cobalt	mg/kg	13.4 J A	12.8 J A	17.6 J A	8.3	10.6 J A	10.0 J A	15
Copper	mg/kg	16.7 J A	17.2 J A	25.8 J A	11.6	13.1 J A	10.6 J A	19.2
Vanadium	mg/kg	77.1 J Q, A	77.7 J Q, A	96.5 J Q, A	53.6	65.0 J Q, A	72.6 J Q, A	78.6 J E
Zinc	mg/kg	77.1	84.3	109	61.1	68.8	64.9	90
Zirconium	mg/kg	5.63	4.87 J Z	4.87 J Z	4.84 J Z	4.26 J Z	6.16	4.05 J Z
Calcium	mg/kg	18600	14200	8540	14300 J E	34600	7550	25000 J E
Phosphorus	mg/kg	192	152	240	586	573	440	469 J Q
Selenium	mg/kg	0.175 J Z	0.142 J Z	0.172 J Z	0.292 J Z	0.199 J Z	0.122 J Z	0.294 J Z
Chromium VI	mg/kg	1.1 U	0.31 J Z	1.2 U	1.0 U	0.24 J Z	0.23 J Z	1.1 U
Perchlorate (314.0)	ug/kg	34.5 U	34.5 U	35.5 U	30.8 U	32.8 U	32.4 U	32.8 U
Perchlorate (6850)	ug/kg	--	--	--	--	--	--	5.5 U
Percent Moisture	%	13.1	13.1	15.4	2.7	8.4	7.3	8.6
pH	pH unit	8.39	8.29	8.3	7.55	8.42	8.41	8.59

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-040-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-040-SA5DS-SB-4.0-5.0 10/20/2011 DE273 4 5	SL-040-SA5DS-SB-9.0-10.0 10/20/2011 DE273 9 10
Chemical Name	Unit			
Nitrate	mg/kg	--	--	--
Fluoride	mg/kg	2.5	25.0 J Q	17.1 J Q
Cyanide	mg/kg	--	--	--
Aluminum	mg/kg	18000	31000 J E	23800 J E
Iron	mg/kg	22500	33900	31200
Lead	mg/kg	14.1 J Q	8.46 J Q, A	7.86 J Q, A
Lithium	mg/kg	17.7	31.3	30.1
Magnesium	mg/kg	4710	7700	7470
Manganese	mg/kg	369	295	339
Mercury	mg/kg	0.100 U	0.108 U	0.106 U B
Molybdenum	mg/kg	0.762 J Q	0.606	0.471
Nickel	mg/kg	17.7 J Q	19.5 J A	19.3 J A
Potassium	mg/kg	4120	3930 J Q	2760 J Q
Silver	mg/kg	0.0289 J Q, Z	0.0407 J Z	0.0203 J Z
Sodium	mg/kg	83.6 J Z	903	848
Strontium	mg/kg	25.8	34.3	28.2
Thallium	mg/kg	0.273 J Q	0.353	0.28
Tin	mg/kg	10.0 U B	10.8 U B	10.5 U B
Titanium	mg/kg	1270	1330	1240
Antimony	mg/kg	0.258 J Q	0.0827 J Q, Z	0.215 UJ Q
Arsenic	mg/kg	5.98 J Q	6.45 J Q	6.47 J Q
Beryllium	mg/kg	0.757	0.852 J Q	0.729 J Q
Barium	mg/kg	117	107	90.8
Boron	mg/kg	8.35	12.2	9.92
Cadmium	mg/kg	0.217 J Q	0.0595 J Z	0.108 U
Chromium	mg/kg	33.2 J Q	36.9 J Q, A	39.9 J Q, A
Cobalt	mg/kg	9.83 J Q	10.5 J A	10.7 J A
Copper	mg/kg	10.9 J Q	12.8 J A	10.4 J A
Vanadium	mg/kg	62.3	70.5 J A	67.5 J A
Zinc	mg/kg	61.2	69.5	62.7
Zirconium	mg/kg	3.49 J Z	8.67	8.22
Calcium	mg/kg	3090	3610	3970
Phosphorus	mg/kg	360	372	467
Selenium	mg/kg	0.188 J Z	0.112 J Z	0.164 J Z
Chromium VI	mg/kg	0.99 U	3.2	1.1 U
Perchlorate (314.0)	ug/kg	30.4 U	32.7 U	32.3 U
Perchlorate (6850)	ug/kg	2.3 J Z	--	--
Percent Moisture	%	1.3	8.3	7
pH	pH unit	6.27	8.05	7.35

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Sample Name		SL-005-SA5DS-SB-1.0-2.0	SL-010-SA5DS-SB-2.0-3.0	SL-019-SA5DS-SB-2.0-3.0
Sample Date		11/09/2011	11/08/2011	11/08/2011
SDG		DE283	DE282	DE282
Start Depth		1	2	2
End Depth		2	3	3
Chemical Name	Unit			
Ethanol	ug/kg	530 U	560 U	540 U
Methanol	ug/kg	530 U	560 U	540 U
2-Propanol	ug/kg	530 U	560 U	540 U
Ethylene Glycol	mg/kg	11 U	11 U	11 U
Diethylene Glycol	mg/kg	11 U	11 U	11 U
Propylene glycol	mg/kg	11 U	11 U	11 U
o-Terphenyl	mg/kg	3.7 U	3.9 U	3.8 U
m-Terphenyl	mg/kg	3.7 U	3.9 U	3.8 U
p-Terphenyl	mg/kg	3.7 U	3.9 U	3.8 U
Formaldehyde	ug/kg	1600 U	1700 U	1600 U
2,6-Dinitrotoluene	ug/kg	130 U	130 U	120 U
2,4,6-Trinitrotoluene	ug/kg	130 U	130 U	120 U
RDX	ug/kg	130 U	130 U	120 U
4-Amino-2,6-Dinitrotoluene	ug/kg	130 U	130 U	120 U
HMX	ug/kg	320 U	330 U	310 U
2-Amino-4,6-Dinitrotoluene	ug/kg	130 U	130 U	120 U
Tetryl	ug/kg	130 U	130 U	120 U
Nitroglycerin	ug/kg	2500 U	2700 U	2500 U
2,6-Diamino-4-nitrotoluene	ug/kg	250 U	270 U	250 U
2,4-Diamino-6-nitrotoluene	ug/kg	250 U	270 U	250 U
PETN	ug/kg	2500 U	2700 U	2500 U
2-Nitrotoluene	ug/kg	130 U	130 U	120 U
3-Nitrotoluene	ug/kg	130 U	130 U	120 U
1,3,5-Trinitrobenzene	ug/kg	130 U	130 U	120 U
4-Nitrotoluene	ug/kg	130 U	130 U	120 U
2,4-Dinitrotoluene	ug/kg	130 U	130 U	120 U
Nitrobenzene	ug/kg	130 U	130 U	120 U
m-Dinitrobenzene	ug/kg	130 U	130 U	120 U

Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA5DS-SS-0.0-0.5 09/26/2011 DX142 0 0.5	SL-002-SA5DS-SS-0.0-0.5 09/26/2011 DX142 0 0.5	SL-002-SA5DS-SB-1.8-2.8 11/14/2011 DX155 1.8 2.8	SL-004-SA5DS-SS-0.0-0.5 09/27/2011 DX143 0 0.5	SL-005-SA5DS-SS-0.0-0.5 09/27/2011 DX143 0 0.5	SL-005-SA5DS-SB-1.0-2.0 11/09/2011 DX154 1 2	SL-006-SA5DS-SS-0.0-0.5 09/27/2011 DX154 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.987 U	0.0574 J Z	0.0477 J Z	0.148 J Z	0.115 J Z	0.0258 J Z	0.0534 J Z
1,2,3,7,8,9-HxCDD	ng/kg	0.789 J Z	0.655 J Z	0.410 J Z	0.802 J Z	0.957 J Z	0.424 J Z	1.32 J Z
OCDD	ng/kg	135 J FD	54.8	4.74 J Z	69.4	41.3	6.06 J Z	38.5
1,2,3,4,6,7,8-HpCDD	ng/kg	13.6	6.48	5.21 U B	7.3	4.04 J Z	5.26 U B	4.09 J Z
OCDF	ng/kg	5.49 J Z	2.64 J Z	10.4 U B	3.08 J Z	1.59 J Z	10.5 U B	1.87 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.286 J Z	0.154 J Z	5.21 U B	0.224 J Z	0.193 J Z	5.26 U B	5.52 U B
1,2,3,7,8-PeCDD	ng/kg	0.246 J Z	0.152 J Z	0.0570 J Z	0.412 J Z	0.369 J Z	5.26 U B	0.185 J Z
2,3,7,8-TCDF	ng/kg	0.510 J Z	0.642 J Z	0.0565 J Z	0.339 J Z	0.133 J Z	0.0475 J Z	0.124 J FD, Z
1,2,3,4,7,8,9-HpCDF	ng/kg	0.221 J Z	4.93 U B	5.21 U B	4.86 U B	4.97 U B	5.26 U B	5.52 U B
2,3,4,7,8-PeCDF	ng/kg	1.31 J Z	1.09 J Z	5.21 U B	0.944 J Z	0.691 J Z	5.26 U B	5.52 UJ B, FD
1,2,3,7,8-PeCDF	ng/kg	1.23 J FD, Z	0.473 J Z	5.21 U B	0.371 J Z	0.429 J Z	5.26 U B	0.293 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.419 J Z	0.224 J Z	5.21 U B	0.350 J Z	0.277 J Z	5.26 U B	0.215 J Z
1,2,3,6,7,8-HxCDD	ng/kg	0.734 J Z	0.529 J Z	0.204 J Z	0.749 J Z	0.747 J Z	0.257 J Z	0.903 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.314 J Z	0.401 J Z	5.21 U B	0.373 J Z	4.97 U B	5.26 U B	5.52 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	2.62 J Z	1.39 J Z	5.21 U B	1.37 J Z	0.908 J Z	5.26 U B	0.950 J Z
1,2,3,4,7,8-HxCDF	ng/kg	0.260 J FD, Z	0.480 J Z	5.21 U	0.345 J Z	0.312 J Z	5.26 U B	0.353 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.120 J Z	0.459 J Z	0.354 J Z	0.259 J Z	0.298 J Z	5.26 U B	0.501 J Z
Aroclor 1260	ug/kg	7.7	5.6	1.8 U	0.67 J Z	1.7 U	1.8 U	1.9 UJ FD
Aroclor 1254	ug/kg	8	4.3	1.5 J S, Z	0.51 J Z	1.7 U	1.8 U	1.8 J FD, Z, *#
Aroclor 1268	ug/kg	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.9 U
Aroclor 1221	ug/kg	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.9 U
Aroclor 5460	ug/kg	2.4 J FD, Z	3.3 J Z	3.5 UJ E	1.2 J Z	3.4 U	3.5 U	1.7 J Z, C
Aroclor 1232	ug/kg	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.9 U
Aroclor 5442	ug/kg	3.3 U	3.4 U	3.5 UJ E	3.4 U	3.4 U	3.5 U	3.7 U
Aroclor 1248	ug/kg	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.9 U
Aroclor 1016	ug/kg	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.9 U
Aroclor 1262	ug/kg	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.9 U
Aroclor 1242	ug/kg	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.9 U
Aroclor 5432	ug/kg	3.3 U	3.4 U	3.5 UJ E	3.4 U	3.4 U	3.5 U	3.7 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-007-SA5DS-SS-0.0-0.5 09/28/2011 DX144 0 0.5	SL-008-SA5DS-SS-0.0-0.5 09/28/2011 DX144 0 0.5	SL-009-SA5DS-SS-0.0-0.5 09/28/2011 DX144 0 0.5	SL-010-SA5DS-SS-0.0-0.5 09/28/2011 DX144 0 0.5	SL-010-SA5DS-SB-2.0-3.0 11/08/2011 DX154 2 3	SL-013-SA5DS-SS-0.0-0.5 09/28/2011 DX144 0 0.5	SL-013-SA5DS-SB-4.0-5.0 10/18/2011 DX149 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.993 U	0.0433 J Z	1.01 U	0.0545 J Z	0.0274 J Z	1.00 U	1.10 U
1,2,3,7,8,9-HxCDD	ng/kg	1.23 J Z	0.509 J Z	0.746 J Z	1.32 J Z	0.237 J Z	0.822 J Z	5.48 U B
OCDD	ng/kg	44.9	38.8	45.4	52.9	1.92 J Z	19.6	11.0 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	3.83 J Z	3.58 J Z	4.23 J Z	4.60 J Z	5.54 U B	1.78 J Z	5.48 U B
OCDF	ng/kg	2.20 J Z	1.53 J Z	2.43 J Z	1.93 J Z	11.1 U B	0.890 J Z	11.0 U B
1,2,3,4,7,8-HxCDD	ng/kg	4.97 U	0.102 J Z	0.0814 J Z	0.102 J Z	0.0300 J Z	0.0821 J Z	5.48 U B
1,2,3,7,8-PeCDD	ng/kg	0.136 J Z	0.0916 J Z	0.142 J Z	0.186 J Z	5.54 U	0.195 J Z	5.48 U B
2,3,7,8-TCDF	ng/kg	0.121 J Z	0.137 J Z	0.196 J Z	0.226 J Z	1.11 U	0.0930 J Z	0.0307 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	4.97 U B	4.90 U B	5.05 U B	5.02 U B	5.54 U B	5.02 U B	5.48 U B
2,3,4,7,8-PeCDF	ng/kg	0.291 J Z	4.90 U B	5.05 U	5.02 U B	5.54 U B	0.290 J Z	5.48 U B
1,2,3,7,8-PeCDF	ng/kg	4.97 U B	0.130 J Z	0.183 J Z	0.333 J Z	0.0832 J Z	0.306 J Z	5.48 U B
1,2,3,6,7,8-HxCDF	ng/kg	4.97 U B	4.90 U B	5.05 U B	5.02 U B	5.54 U B	5.02 U B	5.48 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.934 J Z	0.416 J Z	0.571 J Z	0.994 J Z	0.184 J Z	0.632 J Z	0.0758 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.180 J Z	0.194 J Z	0.202 J Z	0.215 J Z	5.54 U B	0.0908 J Z	5.48 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	0.809 J Z	0.676 J Z	0.958 J Z	0.834 J Z	5.54 U B	5.02 U B	5.48 U B
1,2,3,4,7,8-HxCDF	ng/kg	4.97 U B	0.221 J Z	5.05 U B	0.323 J Z	5.54 U B	5.02 U B	5.48 U B
1,2,3,7,8,9-HxCDF	ng/kg	0.671 J Z	0.228 J Z	0.483 J Z	0.825 J Z	0.222 J Z	0.316 J Z	5.48 U B
Aroclor 1260	ug/kg	1.5 J Z	1.7 U	1.8 J S	1.2 J Z	1.9 U	1.7 U	1.9 U
Aroclor 1254	ug/kg	1.2 J Z	1.6 J Z	2.0 J S	2	1.9 U	1.2 J S, Z	1.9 U
Aroclor 1268	ug/kg	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U
Aroclor 1221	ug/kg	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U
Aroclor 5460	ug/kg	3.3	3.1 J Z	3.5 J S	3.1 J Z	3.7 U	1.9 J S, Z	3.7 U
Aroclor 1232	ug/kg	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U
Aroclor 5442	ug/kg	3.3 U	3.3 U	3.4 U	3.3 U	3.7 U	3.4 U	3.7 U
Aroclor 1248	ug/kg	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U
Aroclor 1016	ug/kg	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U
Aroclor 1262	ug/kg	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U
Aroclor 1242	ug/kg	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U
Aroclor 5432	ug/kg	3.3 U	3.3 U	3.4 U	3.3 U	3.7 U	3.4 U	3.7 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-014-SA5DS-SS-0.0-0.5 09/28/2011 DX144 0 0.5	SL-015-SA5DS-SS-0.0-0.5 09/28/2011 DX144 0 0.5	SL-015-SA5DS-SB-3.5-4.5 10/18/2011 DX149 3.5 4.5	SL-016-SA5DS-SS-0.0-0.5 09/28/2011 DX144 0 0.5	SL-016-SA5DS-SB-4.0-5.0 10/19/2011 DX150 4 5	SL-017-SA5DS-SS-0.0-0.5 09/28/2011 DX144 0 0.5	SL-019-SA5DS-SS-0.0-0.5 09/27/2011 DX143 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	0.967 U	1.01 U	0.0480 J Z	1.03 U	1.08 U	0.0586 J Z	1.00 U
1,2,3,7,8,9-HxCDD	ng/kg	0.984 J Z	0.834 J Z	0.264 J Z	0.787 J Z	5.42 U B	1.06 J Z	0.929 J Z
OCDD	ng/kg	146	34.3	2.44 J Z	40.7	10.8 U B	71.4	34.3
1,2,3,4,6,7,8-HpCDD	ng/kg	6.74	2.73 J Z	5.44 U B	3.72 J Z	5.42 U B	7.14	3.67 J Z
OCDF	ng/kg	2.71 J Z	1.16 J Z	10.9 U B	1.78 J Z	10.8 U B	2.56 J Z	1.48 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.0886 J Z	0.127 J Z	5.44 U B	0.0651 J Z	5.42 U B	0.136 J Z	0.0878 J Z
1,2,3,7,8-PeCDD	ng/kg	0.234 J Z	0.170 J Z	5.44 U B	0.159 J Z	5.42 U B	0.208 J Z	0.115 J Z
2,3,7,8-TCDF	ng/kg	0.162 J Z	0.0574 J Z	0.0938 J Z	0.132 J Z	0.0249 J Z	0.589 J Z	0.176 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	4.83 U B	5.03 U	5.44 U B	5.17 U B	5.42 U	5.06 U B	5.02 U B
2,3,4,7,8-PeCDF	ng/kg	0.431 J Z	5.03 U B	5.44 U B	5.17 U B	5.42 U B	1.11 J Z	5.02 U B
1,2,3,7,8-PeCDF	ng/kg	0.294 J Z	0.188 J Z	0.193 J Z	0.165 J Z	5.42 U B	0.295 J Z	0.231 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.215 J Z	5.03 U B	0.117 J Z	5.17 U B	5.42 U B	0.278 J Z	0.142 J Z
1,2,3,6,7,8-HxCDD	ng/kg	0.994 J Z	0.514 J Z	0.199 J Z	0.584 J Z	5.42 U B	1.02 J Z	0.633 J Z
2,3,4,6,7,8-HxCDF	ng/kg	0.205 J Z	0.126 J Z	5.44 U B	0.148 J Z	5.42 U B	0.341 J Z	5.02 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	1.14 J Z	5.03 U B	5.44 U B	0.771 J Z	5.42 U B	1.42 J Z	0.730 J Z
1,2,3,4,7,8-HxCDF	ng/kg	0.283 J Z	5.03 U	5.44 U B	0.258 J Z	0.0316 J Z	0.464 J Z	0.364 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.507 J Z	0.521 J Z	5.44 U B	0.565 J Z	5.42 U B	0.500 J Z	0.504 J Z
Aroclor 1260	ug/kg	0.92 J Z	1.7 U	1.9 U	2.2 J S	1.8 U	9.3 J S	0.52 J Z
Aroclor 1254	ug/kg	0.92 J Z	3.5 J S	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U
Aroclor 1268	ug/kg	1.7 U	1.7 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U
Aroclor 1221	ug/kg	1.7 U	1.7 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U
Aroclor 5460	ug/kg	2.4 J Z	1.5 J S, Z	3.6 U	2.9 J S, Z	3.6 U	5.9 J S	3.3 U
Aroclor 1232	ug/kg	1.7 U	1.7 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U
Aroclor 5442	ug/kg	3.3 U	3.4 U	3.6 U	3.5 U	3.6 U	3.4 U	3.3 U
Aroclor 1248	ug/kg	1.7 U	1.7 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U
Aroclor 1016	ug/kg	1.7 U	1.7 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U
Aroclor 1262	ug/kg	1.7 U	1.7 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U
Aroclor 1242	ug/kg	1.7 U	1.7 U	1.9 U	1.8 U	1.8 U	1.7 U	1.7 U
Aroclor 5432	ug/kg	3.3 U	3.4 U	3.6 U	3.5 U	3.6 U	3.4 U	3.3 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-019-SA5DS-SB-2.0-3.0 11/08/2011 DX154 2 3	SL-020-SA5DS-SS-0.0-0.5 09/27/2011 DX143 0 0.5	SL-021-SA5DS-SS-0.0-0.5 09/27/2011 DX143 0 0.5	SL-021-SA5DS-SB-2.0-3.0 11/09/2011 DX154 2 3	SL-022-SA5DS-SS-0.0-0.5 09/27/2011 DX143 0 0.5	SL-022-SA5DS-SB-4.0-5.0 11/09/2011 DX154 4 5	SL-023-SA5DS-SS-0.0-0.5 09/27/2011 DX143 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.08 U	1.00 U	0.0407 J Z	1.05 U	0.997 U	1.04 U	0.994 U
1,2,3,7,8,9-HxCDD	ng/kg	0.0841 J Z	0.958 J Z	0.785 J Z	0.144 J Z	0.947 J Z	0.154 J Z	0.524 J Z
OCDD	ng/kg	10.8 U B	72.6	26.2	2.31 J Z	83	10.4 U B	35.2
1,2,3,4,6,7,8-HpCDD	ng/kg	5.38 U B	5.45	2.37 J Z	5.24 U B	5.45	5.21 U B	3.76 J Z
OCDF	ng/kg	10.8 U B	2.43 J Z	1.11 J Z	10.5 U B	2.47 J Z	10.4 U B	1.73 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.0219 J Z	0.0998 J Z	0.0334 J Z	5.24 U	0.126 J Z	5.21 U B	0.100 J Z
1,2,3,7,8-PeCDD	ng/kg	0.0273 J Z	0.144 J Z	0.113 J Z	5.24 U	0.134 J Z	5.21 U B	0.130 J Z
2,3,7,8-TCDF	ng/kg	1.08 U B	0.218 J Z	0.143 J Z	1.05 U	0.247 J Z	0.0278 J Z	0.193 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.38 U B	5.02 U B	4.93 U B	5.24 U B	0.189 J Z	5.21 U B	4.97 U B
2,3,4,7,8-PeCDF	ng/kg	5.38 U B	5.02 U B	0.260 J Z	5.24 U B	4.99 U B	5.21 U B	0.228 J Z
1,2,3,7,8-PeCDF	ng/kg	5.38 U B	0.187 J Z	0.148 J Z	5.24 U B	0.169 J Z	5.21 U B	0.248 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.38 U B	0.212 J Z	4.93 U B	5.24 U B	0.208 J Z	5.21 U B	0.167 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.38 U B	0.777 J Z	0.622 J Z	5.24 U B	0.721 J Z	0.122 J Z	0.462 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.38 U B	5.02 U B	4.93 U B	5.24 U B	4.99 U B	5.21 U B	4.97 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.38 U B	1.14 J Z	4.93 U B	5.24 U B	1.30 J Z	5.21 U B	0.770 J Z
1,2,3,4,7,8-HxCDF	ng/kg	5.38 U B	5.02 U B	4.93 U B	5.24 U B	0.323 J Z	5.21 U B	0.255 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.38 U B	0.330 J Z	0.400 J Z	5.24 U B	0.413 J Z	5.21 U B	0.295 J Z
Aroclor 1260	ug/kg	1.8 U	0.87 J Z	0.71 J Z	1.9 U	0.97 J S, Z	1.8 U	0.75 J S, Z
Aroclor 1254	ug/kg	1.8 U	1.2 J Z	0.89 J Z	1.9 U	1.2 J S, Z	1.8 U	0.64 J S, Z
Aroclor 1268	ug/kg	1.8 U	1.7 U	1.7 U	1.9 U	1.7 U	1.8 U	1.7 U
Aroclor 1221	ug/kg	1.8 U	1.7 U	1.7 U	1.9 U	1.7 U	1.8 U	1.7 U
Aroclor 5460	ug/kg	3.6 U	2.0 J Z	1.6 J Z	3.6 U	2.0 J S, Z	3.5 U	1.6 J S, Z
Aroclor 1232	ug/kg	1.8 U	1.7 U	1.7 U	1.9 U	1.7 U	1.8 U	1.7 U
Aroclor 5442	ug/kg	3.6 U	3.3 U	3.3 U	3.6 U	3.4 U	3.5 U	3.4 U
Aroclor 1248	ug/kg	1.8 U	1.7 U	1.7 U	1.9 U	1.7 U	1.8 U	1.7 U
Aroclor 1016	ug/kg	1.8 U	1.7 U	1.7 U	1.9 U	1.7 U	1.8 U	1.7 U
Aroclor 1262	ug/kg	1.8 U	1.7 U	1.7 U	1.9 U	1.7 U	1.8 U	1.7 U
Aroclor 1242	ug/kg	1.8 U	1.7 U	1.7 U	1.9 U	1.7 U	1.8 U	1.7 U
Aroclor 5432	ug/kg	3.6 U	3.3 U	3.3 U	3.6 U	3.4 U	3.5 U	3.4 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-024-SA5DS-SS-0.0-0.5 09/27/2011 DX143 0 0.5	SL-025-SA5DS-SS-0.0-0.5 09/27/2011 DX143 0 0.5	SL-026-SA5DS-SS-0.0-0.5 09/26/2011 DX142 0 0.5	SL-026-SA5DS-SB-4.0-5.0 10/20/2011 DX150 4 5	SL-026-SA5DS-SB-9.0-10.0 10/20/2011 DX150 9 10	SL-027-SA5DS-SS-0.0-0.5 09/26/2011 DX142 0 0.5	SL-028-SA5DS-SS-0.0-0.5 09/26/2011 DX142 0 0.5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.01 U	0.0797 J Z	9.85 U	1.05 U	0.0537 J Z	0.973 U	0.971 U
1,2,3,7,8,9-HxCDD	ng/kg	0.347 J Z	0.355 J Z	49.2 U	5.27 U B	5.40 U B	0.249 J Z	0.320 J Z
OCDD	ng/kg	39	35.4	49.6 J Z	3.60 J Z	10.8 U B	55	57.5
1,2,3,4,6,7,8-HpCDD	ng/kg	3.77 J Z	3.66 J Z	6.83 J Z	5.27 U B	5.40 U B	9.15	7.1
OCDF	ng/kg	2.18 J Z	1.39 J Z	8.98 J Z	10.5 U B	10.8 U B	2.01 J Z	3.00 J Z
1,2,3,4,7,8-HxCDD	ng/kg	0.134 J Z	0.142 J Z	49.2 U	5.27 U B	5.40 U	4.87 U	0.301 J Z
1,2,3,7,8-PeCDD	ng/kg	0.169 J Z	0.227 J Z	49.2 U	5.27 U	5.40 U B	4.87 U	0.188 J Z
2,3,7,8-TCDF	ng/kg	0.223 J Z	0.458 J Z	1.10 J Z	0.0251 J Z	0.0563 J Z	0.108 J Z	0.788 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.04 U B	4.92 U B	4.10 J Z	5.27 U B	5.40 U B	0.597 J Z	0.156 J Z
2,3,4,7,8-PeCDF	ng/kg	0.338 J Z	0.773 J Z	9.93 J Z	5.27 U B	5.40 U	0.427 J Z	0.855 J Z
1,2,3,7,8-PeCDF	ng/kg	0.227 J Z	0.329 J Z	3.87 J Z	5.27 U B	5.40 U B	0.190 J Z	0.179 J Z
1,2,3,6,7,8-HxCDF	ng/kg	0.123 J Z	0.234 J Z	3.91 J Z	5.27 U B	5.40 U B	4.87 U	0.461 J Z
1,2,3,6,7,8-HxCDD	ng/kg	0.313 J Z	0.359 J Z	0.485 J Z	5.27 U B	5.40 U B	0.356 J Z	0.451 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.04 U B	4.92 U B	4.40 J Z	5.27 U B	5.40 U B	0.372 J Z	0.470 J Z
1,2,3,4,6,7,8-HpCDF	ng/kg	0.824 J Z	0.771 J Z	5.02 J Z	5.27 U B	5.40 U B	0.893 J Z	1.78 J Z
1,2,3,4,7,8-HxCDF	ng/kg	5.04 U B	0.589 J Z	11.3 J Z	0.0647 J Z	0.0689 J Z	0.256 J Z	0.594 J Z
1,2,3,7,8,9-HxCDF	ng/kg	5.04 U B	0.219 J Z	3.86 J Z	5.27 U B	5.40 U B	0.272 J Z	0.109 J Z
Aroclor 1260	ug/kg	1.7 U	3.3	170 U	1.8 U	1.9 U	1.7 U	0.98 J Z
Aroclor 1254	ug/kg	0.89 J Z	5	1500	0.65 J L, Z	1.8 J L, Z	1.7 U	1.9
Aroclor 1268	ug/kg	1.7 U	1.7 U	170 U	1.8 U	1.9 U	1.7 U	1.7 U
Aroclor 1221	ug/kg	1.7 U	1.7 U	170 U	1.8 U	1.9 U	1.7 U	1.7 U
Aroclor 5460	ug/kg	1.3 J Z	1.3 J Z	330 U	3.6 UJ E	3.6 UJ E	3.3 U	3.3 U
Aroclor 1232	ug/kg	1.7 U	1.7 U	170 U	1.8 U	1.9 U	1.7 U	1.7 U
Aroclor 5442	ug/kg	3.3 U	3.3 U	330 U	3.6 UJ E	3.6 UJ E	3.3 U	3.3 U
Aroclor 1248	ug/kg	1.7 U	1.7 U	170 U	1.8 U	1.9 U	1.7 U	1.7 U
Aroclor 1016	ug/kg	1.7 U	1.7 U	170 U	1.8 U	1.9 U	1.7 U	1.7 U
Aroclor 1262	ug/kg	1.7 U	1.7 U	170 U	1.8 U	1.9 U	1.7 U	1.7 U
Aroclor 1242	ug/kg	1.7 U	1.7 U	170 U	1.8 U	1.9 U	1.7 U	1.7 U
Aroclor 5432	ug/kg	3.3 U	3.3 U	330 U	3.6 UJ E	3.6 UJ E	3.3 U	3.3 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-028-SA5DS-SB-1.9-2.9 11/11/2011 DX155 1.9 2.9	SL-029-SA5DS-SS-0.0-0.5 09/26/2011 DX142 0 0.5	SL-029-SA5DS-SB-3.5-4.5 11/11/2011 DX155 3.5 4.5	SL-030-SA5DS-SS-0.0-0.5 09/26/2011 DX142 0 0.5	SL-031-SA5DS-SS-0.0-0.5 09/26/2011 DX142 0 0.5	SL-031-SA5DS-SB-4.0-5.0 11/14/2011 DX155 4 5	SL-031-SA5DS-SB-9.0-10.0 11/14/2011 DX155 9 10
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.08 U	0.998 U	1.09 U	1.01 U	0.0792 J Z	1.07 U	1.11 U
1,2,3,7,8,9-HxCDD	ng/kg	0.138 J Z	4.99 U B	5.44 U B	5.05 U B	0.479 J Z	0.174 J Z	5.57 U B
OCDD	ng/kg	5.55 J Z	12.7	10.9 U B	28.5	77.9	2.31 J Z	2.45 J Z
1,2,3,4,6,7,8-HpCDD	ng/kg	5.40 U B	1.51 J Z	5.44 U B	3.49 J Z	8.56	5.36 U B	5.57 U B
OCDF	ng/kg	10.8 U B	1.09 J Z	10.9 U B	1.79 J Z	3.07 J Z	10.7 U B	11.1 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.40 U B	0.0913 J Z	5.44 U B	0.0932 J Z	0.173 J Z	5.36 U	5.57 U B
1,2,3,7,8-PeCDD	ng/kg	0.176 J Z	4.99 U	5.44 U	0.0762 J Z	0.183 J Z	0.101 J Z	5.57 U
2,3,7,8-TCDF	ng/kg	0.242 J Z	0.166 J Z	1.09 U	1.01 U B	0.674 J Z	1.07 U	1.11 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.40 U B	4.99 U	5.44 U B	5.05 U B	0.145 J Z	5.36 U B	5.57 U B
2,3,4,7,8-PeCDF	ng/kg	5.40 U B	0.655 J Z	5.44 U B	5.05 U	5.18 U B	5.36 U B	5.57 U B
1,2,3,7,8-PeCDF	ng/kg	0.262 J Z	0.629 J Z	5.44 U B	5.05 U B	0.294 J Z	5.36 U B	5.57 U B
1,2,3,6,7,8-HxCDF	ng/kg	5.40 U B	0.336 J Z	5.44 U B	0.111 J Z	0.170 J Z	5.36 U B	5.57 U B
1,2,3,6,7,8-HxCDD	ng/kg	5.40 U B	4.99 U B	5.44 U B	5.05 U B	0.504 J Z	0.250 J Z	5.57 U B
2,3,4,6,7,8-HxCDF	ng/kg	5.40 U B	0.202 J Z	5.44 U B	5.05 U B	0.176 J Z	5.36 U B	5.57 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.40 U B	0.542 J Z	5.44 U B	0.797 J Z	1.42 J Z	5.36 U B	5.57 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.145 J Z	0.605 J Z	5.44 U B	0.112 J Z	0.162 J Z	5.36 U B	5.57 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.40 U B	0.122 J Z	5.44 U B	0.0578 J Z	5.18 U	5.36 U B	5.57 U B
Aroclor 1260	ug/kg	0.95 J Z	5	1.8 U	1.3 J Z	1.8 U	1.9 U	1.9 U
Aroclor 1254	ug/kg	4.9	15	9.8 J S	2.3	2.4	1.9 U	1.9 U
Aroclor 1268	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	3.6 UJ E	3.4 U	3.6 UJ E	3.4 U	3.4 U	3.7 UJ E	3.7 UJ E
Aroclor 1232	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	3.6 UJ E	3.4 U	3.6 UJ E	3.4 U	3.4 U	3.7 UJ E	3.7 UJ E
Aroclor 1248	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	3.6 UJ E	3.4 U	3.6 UJ E	3.4 U	3.4 U	3.7 UJ E	3.7 UJ E

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-032-SA5DS-SS-0.0-0.5 09/26/2011 DX143 0 0.5	SL-033-SA5DS-SS-0.0-0.5 09/28/2011 DX144 0 0.5	SL-033-SA5DS-SB-2.0-3.0 10/17/2011 DX151 2 3	SL-034-SA5DS-SS-0.0-0.5 09/28/2011 DX146 0 0.5	SL-034-SA5DS-SB-4.0-5.0 10/17/2011 DX151 4 5	SL-034-SA5DS-SB-9.0-10.0 10/17/2011 DX151 9 10	SL-036-SA5DS-SB-4.0-5.0 10/14/2011 DX149 4 5
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.02 U	1.01 U	1.14 U	1.03 U	1.10 UJ FD	1.11 U	0.0632 J Z
1,2,3,7,8,9-HxCDD	ng/kg	5.09 U B	0.127 J Z	5.70 U B	0.133 J Z	5.49 UJ B, FD	5.55 U B	5.73 U B
OCDD	ng/kg	26.9	2.21 J Z	11.4 U B	9.33 J Q, Z	11.0 U B	11.1 U B	11.5 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	2.95 J Z	0.444 J Z	5.70 U B	5.13 U B	5.49 U B	5.55 U B	5.73 U B
OCDF	ng/kg	1.27 J Z	10.1 U B	11.4 U B	0.613 J Z	11.0 U B	11.1 U B	11.5 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.0950 J Z	0.0425 J Z	0.0241 J Z	5.13 UJ FD	5.49 UJ FD	5.55 U	5.73 U B
1,2,3,7,8-PeCDD	ng/kg	0.0740 J Z	0.0490 J Z	0.0393 J Z	5.13 UJ FD	5.49 UJ FD	0.0265 J Z	0.391 J Z
2,3,7,8-TCDF	ng/kg	0.197 J Z	1.01 U	1.14 U	1.03 UJ FD	1.10 U	1.11 U	0.0811 J Z
1,2,3,4,7,8,9-HpCDF	ng/kg	5.09 U B	5.04 U B	5.70 U B	5.13 UJ B, FD	5.49 UJ FD	5.55 U B	5.73 U B
2,3,4,7,8-PeCDF	ng/kg	5.09 U B	5.04 U B	5.70 U B	5.13 U B	5.49 UJ B, FD	5.55 U B	0.357 J Z
1,2,3,7,8-PeCDF	ng/kg	0.325 J Z	5.04 U B	5.70 U B	5.13 UJ B, FD	5.49 UJ B, FD	5.55 U B	0.479 J Z
1,2,3,6,7,8-HxCDF	ng/kg	5.09 U B	5.04 U B	5.70 U B	5.13 UJ B, FD	5.49 UJ B, FD	5.55 U B	0.281 J Z
1,2,3,6,7,8-HxCDD	ng/kg	5.09 U B	5.04 U B	0.0230 J Z	0.0828 J Z	0.0442 J FD, Z	0.0328 J Z	0.197 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.09 U B	0.0401 J Z	5.70 U B	5.13 UJ B, FD	5.49 UJ B, FD	5.55 U B	5.73 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.09 U B	5.04 U B	5.70 U B	5.13 UJ B, FD	5.49 U B	5.55 U B	5.73 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.326 J Z	5.04 U B	5.70 U B	5.13 UJ B, FD	5.49 UJ B, FD	5.55 U B	5.73 U B
1,2,3,7,8,9-HxCDF	ng/kg	5.09 U B	0.112 J Z	5.70 U B	5.13 UJ B, FD	5.49 U B	5.55 U B	5.73 U B
Aroclor 1260	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 1254	ug/kg	7.9	2.6 J S	1.9 U	1.8 UJ FD	1.9 U	1.9 U	1.9 U
Aroclor 1268	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 1221	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 5460	ug/kg	3.4 U	3.4 U	3.8 U	3.4 U	3.7 U	3.7 U	3.8 U
Aroclor 1232	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 5442	ug/kg	3.4 U	3.4 U	3.8 U	3.4 U	3.7 U	3.7 U	3.8 U
Aroclor 1248	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 1016	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 1262	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 1242	ug/kg	1.7 U	1.8 U	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Aroclor 5432	ug/kg	3.4 U	3.4 U	3.8 U	3.4 U	3.7 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-036-SA5DS-SB-9.0-10.0 10/14/2011 DX149 9 10	SL-037-SA5DS-SB-4.0-5.0 10/14/2011 DX149 4 5	SL-037-SA5DS-SB-9.0-10.0 10/14/2011 DX149 9 10	SL-038-SA5DS-SS-0.0-0.5 09/27/2011 DX143 0 0.5	SL-038-SA5DS-SB-4.0-5.0 10/14/2011 DX149 4 5	SL-038-SA5DS-SB-9.0-10.0 10/14/2011 DX149 9 10	SL-039-SA5DS-SB-3.0-4.0 10/17/2011 DX151 3 4
Chemical Name	Unit							
2,3,7,8-TCDD	ng/kg	1.13 U	0.114 J Z	1.17 U	0.0367 J Z	1.08 U	1.04 U	1.08 U
1,2,3,7,8,9-HxCDD	ng/kg	0.690 J Z	0.488 J Z	5.83 U B	0.633 J Z	5.38 U B	5.22 U B	5.42 U B
OCDD	ng/kg	11.3 U B	11.5 U B	11.7 U B	23.9	10.8 U B	10.4 U B	10.8 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	5.64 U B	5.75 U B	5.83 U B	2.06 J Z	5.38 U B	5.22 U B	5.42 U B
OCDF	ng/kg	11.3 U B	11.5 U B	11.7 U B	1.98 J Z	10.8 U B	10.4 U B	10.8 U B
1,2,3,4,7,8-HxCDD	ng/kg	5.64 U B	5.75 U B	5.83 U B	0.0632 J Z	5.38 U B	5.22 U	0.0298 J Z
1,2,3,7,8-PeCDD	ng/kg	5.64 U B	5.75 U B	5.83 U	0.161 J Z	5.38 U	5.22 U B	0.0475 J Z
2,3,7,8-TCDF	ng/kg	0.0589 J Z	0.0416 J Z	1.17 U	0.0661 J Z	1.08 U	1.04 U	1.08 U
1,2,3,4,7,8,9-HpCDF	ng/kg	5.64 U B	5.75 U B	5.83 U B	5.09 U B	5.38 U B	5.22 U B	5.42 U B
2,3,4,7,8-PeCDF	ng/kg	5.64 U B	0.285 J Z	5.83 U B	0.237 J Z	5.38 U B	5.22 U B	5.42 U B
1,2,3,7,8-PeCDF	ng/kg	0.267 J Z	0.301 J Z	5.83 U B	0.281 J Z	5.38 U B	5.22 U B	5.42 U B
1,2,3,6,7,8-HxCDF	ng/kg	0.166 J Z	5.75 U B	5.83 U B	0.132 J Z	5.38 U B	5.22 U B	5.42 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.286 J Z	0.239 J Z	5.83 U	0.408 J Z	5.38 U	5.22 U	0.0385 J Z
2,3,4,6,7,8-HxCDF	ng/kg	5.64 U B	5.75 U B	5.83 U B	5.09 U B	5.38 U	5.22 U B	5.42 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	5.64 U B	5.75 U B	5.83 U B	0.685 J Z	5.38 U B	5.22 U B	5.42 U B
1,2,3,4,7,8-HxCDF	ng/kg	5.64 U B	5.75 U B	5.83 U B	0.297 J Z	5.38 U	5.22 U B	5.42 U B
1,2,3,7,8,9-HxCDF	ng/kg	0.725 J Z	0.657 J Z	5.83 U B	0.414 J Z	5.38 U B	5.22 U B	5.42 U B
Aroclor 1260	ug/kg	2.0 UJ S	2.0 U	2.0 U	1.7 U	1.9 U	1.8 U	1.9 U
Aroclor 1254	ug/kg	2.0 UJ S	2.0 U	2.0 U	1.7 U	1.9 U	1.8 U	1.9 U
Aroclor 1268	ug/kg	2.0 UJ S	2.0 U	2.0 U	1.7 U	1.9 U	1.8 U	1.9 U
Aroclor 1221	ug/kg	2.0 UJ S, L	2.0 U	2.0 U	1.7 U	1.9 U	1.8 U	1.9 U
Aroclor 5460	ug/kg	3.8 UJ S	3.8 U	3.9 U	3.4 U	3.6 U	3.6 U	3.6 U
Aroclor 1232	ug/kg	2.0 UJ S, L	2.0 U	2.0 U	1.7 U	1.9 U	1.8 U	1.9 U
Aroclor 5442	ug/kg	3.8 UJ S	3.8 U	3.9 U	3.4 U	3.6 U	3.6 U	3.6 U
Aroclor 1248	ug/kg	2.0 UJ S	2.0 U	2.0 U	1.7 U	1.9 U	1.8 U	1.9 U
Aroclor 1016	ug/kg	2.0 UJ S, L	2.0 U	2.0 U	1.7 U	1.9 U	1.8 U	1.9 U
Aroclor 1262	ug/kg	2.0 UJ S	2.0 U	2.0 U	1.7 U	1.9 U	1.8 U	1.9 U
Aroclor 1242	ug/kg	2.0 UJ S	2.0 U	2.0 U	0.72 J Z	1.9 U	1.8 U	1.9 U
Aroclor 5432	ug/kg	3.8 UJ S	3.8 U	3.9 U	3.4 U	3.6 U	3.6 U	3.6 U

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

Sample Name		SL-040-SA5DS-SS-0.0-0.5	SL-040-SA5DS-SB-4.0-5.0	SL-040-SA5DS-SB-9.0-10.0
Sample Date		09/28/2011	10/20/2011	10/20/2011
SDG		DX146	DX150	DX150
Start Depth		0	4	9
End Depth		0.5	5	10
Chemical Name	Unit			
2,3,7,8-TCDD	ng/kg	1.01 U	1.08 U	1.07 U
1,2,3,7,8,9-HxCDD	ng/kg	0.648 J Z	5.40 U B	5.34 U B
OCDD	ng/kg	109	10.8 U B	10.7 U B
1,2,3,4,6,7,8-HpCDD	ng/kg	10.8	5.40 U B	5.34 U B
OCDF	ng/kg	4.60 J Z	10.8 U B	10.7 U B
1,2,3,4,7,8-HxCDD	ng/kg	0.341 J Z	5.40 U B	5.34 U
1,2,3,7,8-PeCDD	ng/kg	5.06 U B	5.40 U B	5.34 U B
2,3,7,8-TCDF	ng/kg	0.186 J Z	1.08 U	1.07 U
1,2,3,4,7,8,9-HpCDF	ng/kg	0.128 J Z	5.40 U B	5.34 U B
2,3,4,7,8-PeCDF	ng/kg	5.06 U B	5.40 U B	5.34 U B
1,2,3,7,8-PeCDF	ng/kg	0.201 J Z	5.40 U B	5.34 U
1,2,3,6,7,8-HxCDF	ng/kg	5.06 U B	5.40 U B	5.34 U B
1,2,3,6,7,8-HxCDD	ng/kg	0.696 J Z	5.40 U B	5.34 U B
2,3,4,6,7,8-HxCDF	ng/kg	0.172 J Z	5.40 U B	5.34 U B
1,2,3,4,6,7,8-HpCDF	ng/kg	1.38 J Z	5.40 U B	5.34 U B
1,2,3,4,7,8-HxCDF	ng/kg	0.275 J Z	0.0409 J Z	0.0471 J Z
1,2,3,7,8,9-HxCDF	ng/kg	0.585 J Z	5.40 U B	5.34 U B
Aroclor 1260	ug/kg	1.5 J Z	1.8 U	1.8 U
Aroclor 1254	ug/kg	0.85 J Z	1.8 U	1.8 U
Aroclor 1268	ug/kg	1.7 U	1.8 U	1.8 U
Aroclor 1221	ug/kg	1.7 U	1.8 U	1.8 U
Aroclor 5460	ug/kg	2.9 J Z	3.6 UJ E	3.5 UJ E
Aroclor 1232	ug/kg	1.7 U	1.8 U	1.8 U
Aroclor 5442	ug/kg	3.3 U	3.6 UJ E	3.5 UJ E
Aroclor 1248	ug/kg	1.7 U	1.8 U	1.8 U
Aroclor 1016	ug/kg	1.7 U	1.8 U	1.8 U
Aroclor 1262	ug/kg	1.7 U	1.8 U	1.8 U
Aroclor 1242	ug/kg	1.7 U	1.8 U	1.8 U
Aroclor 5432	ug/kg	3.3 U	3.6 UJ E	3.5 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-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-002-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-004-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-005-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-006-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-007-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-008-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-009-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5
Chemical Name	Unit								
Dichlorprop	ug/kg	1.7 R Q	1.7 U	1.7 U	1.7 U	--	1.7 U	1.7 U	1.7 U
Dicamba	ug/kg	1.2 R Q	1.2 U	1.2 U	1.2 U	--	1.2 U	1.2 U	1.2 U
2,2-Dichlor-Propionic Acid	ug/kg	9.1 R Q	9.1 U	9.2 U	9.1 U	--	9.1 U	9.1 U	9.1 U
Dinitrobutyl Phenol	ug/kg	2.4 R Q, L	2.4 R L	2.4 U	2.4 U	--	2.4 U	2.4 U	2.4 U
MCPP	ug/kg	250 R Q	250 U	250 U	250 U	--	250 U	250 U	250 U
2,4,5-TP	ug/kg	0.17 R Q	0.17 U	0.19	0.75	--	0.25 U	0.21 U	0.3
2,4,5-T	ug/kg	0.50 U	0.17 U	0.32 U	0.17 U	--	0.59 U	0.17 U	0.17 U
MCPA	ug/kg	250 R Q	250 U	250 U	250 U	--	250 U	250 U	250 U
2,4-D	ug/kg	3.6 U	3.7 U	3.7 U	3.7 U	--	3.6 U	3.7 U	3.6 U
2,4 DB	ug/kg	2.0 R Q	1.7	6.4	3.0 U	--	2.2 U	2.4 U	1.7 U
Toxaphene	ug/kg	13 U	15	10	6.7 U	7.2 U	6.7 U	6.7 U	6.7 U
Heptachlor Epoxide	ug/kg	0.17 U	0.18 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Endosulfan Sulfate	ug/kg	0.34 U	0.35 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
Mirex	ug/kg	0.34 U	0.35 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
Aldrin	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Alpha-BHC	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Beta-BHC	ug/kg	0.17 U	0.14 J Z	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Delta-BHC	ug/kg	0.17 UJ FD	0.052 J Z	0.17 U	0.17 U	0.17 U	0.17 U	0.038 J Z	0.071 J Z
Endosulfan II	ug/kg	0.34 U	0.35 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
4,4'-DDT	ug/kg	1.2	2.4	0.86	0.35 U	0.63 J S	0.64 J S	0.56	0.56
Endrin Ketone	ug/kg	0.34 U	0.35 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
Chlordane	ug/kg	2.0 J FD, Z	8	7.4	3.5 U	3.8 J S	1.9 J S, Z	1.9 J Z	2.0 J Z
Gamma-BHC (Lindane)	ug/kg	0.17 U	0.040 J Z	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Dieldrin	ug/kg	0.34 U	0.48 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
Endrin	ug/kg	0.34 U	0.35 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
Methoxychlor	ug/kg	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
4,4'-DDD	ug/kg	0.34 R Q	0.35 U	0.35 U	0.35 U	0.35 U	0.34 U	0.34 U	0.34 U
4,4'-DDE	ug/kg	0.52	2.8	0.35 U	0.35 U	1.0 J S	0.78 J S	0.53	0.31 J Z
Endrin Aldehyde	ug/kg	0.43 J Q	0.49	0.50 U	0.35 U	0.35 U	0.34 U	0.34 U	0.089 J Z
Heptachlor	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Endosulfan I	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 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-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-013-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-014-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-015-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-016-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-017-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-019-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-020-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5
Chemical Name	Unit								
Dichlorprop	ug/kg	1.7 U	1.7 U	1.0 J Z	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U
Dicamba	ug/kg	1.2 U	1.2 U	1.2 U	1.2 U	1.3 U	1.2 U	1.2 U	1.2 U
2,2-Dichlor-Propionic Acid	ug/kg	9.1 U	9.1 U	9.1 U	9.2 U	9.4 U	9.1 U	9.2 U	9.1 U
Dinitrobutyl Phenol	ug/kg	2.4 U	2.4 U	2.4 U	2.5 U	2.5 U	2.4 U	2.4 U	2.4 U
MCPP	ug/kg	250 U	250 U	250 U	260 U	260 U	250 U	250 U	250 U
2,4,5-TP	ug/kg	0.19	0.27	0.29	0.17 U	0.18 U	0.17 U	0.26	0.45
2,4,5-T	ug/kg	0.32 U	0.85 U	0.29 U	0.48 U	0.18 U	0.17 U	0.17 U	0.20 U
MCPA	ug/kg	250 U	250 U	250 U	260 U	260 U	250 U	250 U	250 U
2,4-D	ug/kg	3.6 U	3.7 U	3.6 U	3.7 U	3.8 U	3.6 U	3.7 U	3.7 U
2,4 DB	ug/kg	56 U	36 U	18 U	14 U	8.9 U	8.6 U	1.7 U	1.7 U
Toxaphene	ug/kg	6.7 U	6.7 U	6.7 U	6.8 U	6.9 U	18 UJ S	6.7 U	6.7 U
Heptachlor Epoxide	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ S	0.17 U	0.17 U
Endosulfan Sulfate	ug/kg	0.34 U	0.35 U	0.34 U	0.35 U	0.36 U	0.35 UJ S	0.34 U	0.34 U
Mirex	ug/kg	0.34 U	0.35 U	0.34 U	0.35 U	0.36 U	0.35 UJ S	0.34 U	0.34 U
Aldrin	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ S	0.17 U	0.17 U
Alpha-BHC	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.076 J Z	0.17 UJ S	0.17 U	0.17 U
Beta-BHC	ug/kg	0.078 J Z	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ S	0.17 U	0.17 U
Delta-BHC	ug/kg	0.061 J Z	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ S	0.17 U	0.17 U
Endosulfan II	ug/kg	0.34 U	0.35 U	0.34 U	0.35 U	0.36 U	0.35 UJ S	0.34 U	0.34 U
4,4'-DDT	ug/kg	0.63	0.35 U	0.42	0.31 J Z	0.59	2.9 J S	0.34 U	0.99
Endrin Ketone	ug/kg	0.34 U	0.35 U	0.34 U	0.35 U	0.36 U	0.35 UJ S	0.34 U	0.34 U
Chlordane	ug/kg	3.0 J Z	1.7 J Z	1.7 J Z	1.8 J Z	2.5 J Z	4.4 J S	3.4 U	2.9 J Z
Gamma-BHC (Lindane)	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ S	0.17 U	0.17 U
Dieldrin	ug/kg	0.34 U	0.35 U	0.34 U	0.35 U	0.36 U	0.35 UJ S	0.34 U	0.34 U
Endrin	ug/kg	0.34 U	0.35 U	0.34 U	0.35 U	0.36 U	0.35 UJ S	0.34 U	0.34 U
Methoxychlor	ug/kg	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 UJ S	1.7 U	1.7 U
4,4'-DDD	ug/kg	0.34 U	0.35 U	0.34 U	0.35 U	0.36 U	0.35 UJ S	0.34 U	0.34 U
4,4'-DDE	ug/kg	0.42	0.35 U	0.35	0.24 J Z	0.41 U	2.2 J S	0.23 J Z	1
Endrin Aldehyde	ug/kg	0.34 U	0.35 U	0.34 U	0.35 U	0.36 U	0.99 J S	0.086 J Z	0.34 U
Heptachlor	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.077 J Z	0.17 UJ S	0.17 U	0.17 U
Endosulfan I	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ S	0.17 U	0.17 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-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-022-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-023-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-024-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-025-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-026-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-027-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-028-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5
Chemical Name	Unit								
Dichlorprop	ug/kg	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
Dicamba	ug/kg	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
2,2-Dichlor-Propionic Acid	ug/kg	9.1 U	9.2 U	9.2 U	9.1 U	9.2 U	9.1 U	9.1 U	9.0 U
Dinitrobutyl Phenol	ug/kg	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	0.86 J L, Z	2.4 R L	2.4 R L
MCPP	ug/kg	250 U	250 U	250 U	250 U	260 U	250 U	250 U	250 U
2,4,5-TP	ug/kg	0.13 J Z	0.5	0.17 U	0.41	0.78	0.17 U	0.17 U	0.17 U
2,4,5-T	ug/kg	0.17 U	0.20 U	0.36 U	1.9	0.17 U	0.42	0.17 U	0.26
MCPA	ug/kg	250 U	250 U	250 U	250 U	260 U	250 U	250 U	120 J Z
2,4-D	ug/kg	3.7 U	4.2	3.7 U	3.7 U	3.7 U	3.6 U	3.6 U	3.6 U
2,4 DB	ug/kg	29 U	8.8	3.2 U	1.7 U	1.8 U	5.9	4.7	6.3 U
Toxaphene	ug/kg	2.6 J Z	6.7 U	6.7 UJ S	6.7 U	6.7 U	1400 U	50 U	60 U
Heptachlor Epoxide	ug/kg	0.17 U	0.17 U	0.17 UJ S	0.17 U	0.17 U	83 U	0.84 U	0.83 U
Endosulfan Sulfate	ug/kg	0.34 U	0.34 U	0.35 UJ S	0.34 U	0.35 U	34 U	1.7 U	1.7 U
Mirex	ug/kg	0.34 U	0.34 U	0.35 UJ S	0.34 U	0.35 U	34 U	2.8 U	1.8 U
Aldrin	ug/kg	0.17 U	0.17 U	0.17 UJ S	0.17 U	0.17 U	17 U	0.84 U	0.83 U
Alpha-BHC	ug/kg	0.17 U	0.17 U	0.17 UJ S	0.17 U	0.17 U	17 U	0.84 U	0.83 U
Beta-BHC	ug/kg	0.17 U	0.17 U	0.17 UJ S	0.17 U	0.079 J Z	17 U	0.84 U	0.83 U
Delta-BHC	ug/kg	0.17 U	0.046 J Z	0.17 UJ S	0.17 U	0.17 U	17 U	0.84 U	0.83 U
Endosulfan II	ug/kg	0.34 U	0.34 U	0.35 UJ S	0.34 U	0.35 U	46 U	1.7 U	1.8 U
4,4'-DDT	ug/kg	0.34 U	0.77	0.38 J S	0.34 U	0.67 U	170 U	1.3 J Z	7
Endrin Ketone	ug/kg	0.34 U	0.097 J Z	0.35 UJ S	0.34 U	0.35 U	34 U	1.7 U	1.7 U
Chlordane	ug/kg	1.6 J Z	5.8	1.8 J S, Z	3.4 U	2.5 J Z	510 U	17 U	10 J Z
Gamma-BHC (Lindane)	ug/kg	0.17 U	0.17 U	0.17 UJ S	0.17 U	0.17 U	17 U	0.84 U	0.83 U
Dieldrin	ug/kg	0.34 U	0.34 U	0.35 UJ S	0.34 U	0.35 U	50 U	1.7 U	2.1 U
Endrin	ug/kg	0.34 U	0.34 U	0.35 UJ S	0.34 U	0.35 U	59 U	1.7 U	1.7 U
Methoxychlor	ug/kg	1.7 U	1.7 U	1.7 UJ S	1.7 U	1.7 U	170 U	8.4 U	8.3 U
4,4'-DDD	ug/kg	0.34 U	0.34 U	0.35 UJ S	0.34 U	0.35 U	34 U	1.7 U	1.7 U
4,4'-DDE	ug/kg	0.34 U	0.68	0.25 J S, Z	0.34 U	0.35 U	270 U	1.1 J Z	1.7 U
Endrin Aldehyde	ug/kg	0.34 U	0.34 U	0.35 UJ S	0.34 U	0.35 U	34 U	1.7 U	1.7 U
Heptachlor	ug/kg	0.17 U	0.17 U	0.17 UJ S	0.17 U	0.17 U	17 U	0.84 U	0.83 U
Endosulfan I	ug/kg	0.21 U	0.17 U	0.17 UJ S	0.17 U	0.17 U	17 U	0.84 U	0.83 U

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R - Result is rejected

Sample Name Sample Date SDG Start Depth End Depth		SL-029-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-030-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-031-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-032-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-033-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-034-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-038-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-040-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5
Chemical Name	Unit								
Dichlorprop	ug/kg	1.8 U	1.7 U	1.8 U	1.7 U	1.8 U	1.8 U	1.6 J Z	1.7 U
Dicamba	ug/kg	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	0.61 J Z	1.2 U
2,2-Dichlor-Propionic Acid	ug/kg	9.3 U	9.2 U	9.3 U	9.2 U	9.4 U	9.3 U	9.2 U	9.1 U
Dinitrobutyl Phenol	ug/kg	2.5 R L	2.5 R L	2.5 R L	2.5 R L	2.5 U	2.5 U	2.5 R L	2.4 U
MCPP	ug/kg	260 U	260 U	260 U	260 U	260 U	260 U	260 U	250 U
2,4,5-TP	ug/kg	0.18 U	0.17 U	0.18 U	0.17 U	0.18 U	0.44 J FD, Q	0.090 J Z	0.62
2,4,5-T	ug/kg	0.18 U	0.17 U	0.18 U	0.15 J Z	0.18 U	0.18 U	0.17 U	0.17 U
MCPA	ug/kg	260 U	260 U	260 U	260 U	260 U	260 U	870	250 U
2,4-D	ug/kg	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.6 U
2,4 DB	ug/kg	1.7 J Z	1.7 U	3.2	1.7	1.8 U	3.5 U	100 U	2.6 U
Toxaphene	ug/kg	17 U	42 U	10	10 U	6.9 U	6.9 U	6.7 U	6.7 U
Heptachlor Epoxide	ug/kg	0.53 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Endosulfan Sulfate	ug/kg	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.34 U
Mirex	ug/kg	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.34 U
Aldrin	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Alpha-BHC	ug/kg	0.17 U	0.090 J Z	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Beta-BHC	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 UJ FD	0.17 U	0.081 J Z
Delta-BHC	ug/kg	0.35	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Endosulfan II	ug/kg	0.36 U	0.4	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.34 U
4,4'-DDT	ug/kg	3.5 U	0.60 U	2.9	0.94 U	0.35 U	0.22 J FD, Z	0.35 U	0.34 U
Endrin Ketone	ug/kg	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.34 U
Chlordane	ug/kg	3.3 J Z	3.4 J Z	6.2	2.6 J Z	3.5 U	0.90 J FD, Z	1.1 J Z	3.4 U
Gamma-BHC (Lindane)	ug/kg	0.17 U	0.18	0.17 U	0.057 J Z	0.17 U	0.038 J FD, Z	0.17 U	0.053 J Z
Dieldrin	ug/kg	1.2 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.34 U
Endrin	ug/kg	0.45 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.34 U
Methoxychlor	ug/kg	1.7 U	1.7 U	1.7 U	0.81 J Z	1.7 U	1.7 U	1.7 U	1.7 U
4,4'-DDD	ug/kg	0.35 U	0.35 U	0.42 U	0.35 U	0.35 U	0.35 U	0.35 U	0.34 U
4,4'-DDE	ug/kg	2.1 U	0.86	2.2	1.2	0.35 U	0.10 J FD, Z	0.35 U	0.34 U
Endrin Aldehyde	ug/kg	0.53 U	1.5 U	0.73	0.46	0.35 U	0.35 UJ FD	0.35 U	0.34 U
Heptachlor	ug/kg	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
Endosulfan I	ug/kg	0.17 U	0.089 J Z	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U

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Sample Name Sample Date SDG Start Depth End Depth		SL-001-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-002-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-002-SA5DS-SB-1.8-2.8 11/14/2011 DE286 1.8 2.8	SL-004-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-005-SA5DS-SS-0.0-0.5 09/27/2011 DE283 0 0.5	SL-005-SA5DS-SB-1.0-2.0 11/09/2011 DE256 1 2	SL-006-SA5DS-SS-0.0-0.5 09/27/2011 DE283 0 0.5	SL-007-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-008-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-009-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-010-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-010-SA5DS-SB-2.0-3.0 11/08/2011 DE282 2 3
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	35.2 U	--	--	--	--	--	36.8 U
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U
2,4-Dinitrotoluene	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Nitrobenzene	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
1,4-Dichlorobenzene	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
1,2,4-Trichlorobenzene	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
1,3-Dichlorobenzene	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Hexachlorobutadiene	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
1,2-Dichlorobenzene	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
4-Nitroaniline	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
4-Nitrophenol	ug/kg	500 U	510 U	530 U	500 U	500 U	520 U	550 U	500 U	510 U	510 U	510 U	560 U
4-Bromophenyl Phenyl Ether	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
2,4-Dimethylphenol	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
4-Methylphenol	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
4-Chloroaniline	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
3,5-Dimethylphenol	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Phenol	ug/kg	170 UJ FD	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	--	19 J Z	--	--	--	--	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	13 J Q, Z	21	11 J Z	12 J Z	--	19	20 UJ FD	10 J Z	14 J Z	9.5 J Z	18 U	10 J Z
Di-N-Octyl Phthalate	ug/kg	6.9 J FD, Z	11 J Z	19 U	18 U	18 U	19 U	18 U	18 U	18 U	18 U	18 U	20 U
Hexachlorobenzene	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Anthracene	ug/kg	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 UJ FD	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U
2,4-Dichlorophenol	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
1,2-Diphenylhydrazine	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Pyrene (8270C)	ug/kg	24 J Z	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	--	2.5	1.8 U	2.3	1.7	0.73 J Z	1.8 UJ FD	1.0 J Z	1.3 J Z	1.5 J Z	1.4 J Z	1.9 U
Dimethylphthalate	ug/kg	18 U	18 U	19 U	18 U	18 U	18 U	18 U	18 U	18 U	18 U	18 U	20 U
Dibenzofuran	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.7 U	1.2 J Z	1.8 U	1.1 J Z	1.7 U	1.7 U	1.8 UJ FD	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U
Indeno(1,2,3-Cd)Pyrene	ug/kg	1.7 U	0.88 J Z	1.8 U	1.1 J Z	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	3.2 J FD	7.1	0.72 J Z	7.5	3.3	0.86 J Z	1.8 UJ FD	4.9	1.5 J Z	1.4 J Z	1.5 J Z	1.9 U
Fluoranthene (8270C)	ug/kg	36 J Z	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	--	2.9	1.8 U	2.9	1.9	0.89 J Z	1.8 UJ FD	1.0 J Z	1.6 J Z	1.7	1.8	1.9 U
Benzo(k)fluoranthene	ug/kg	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 UJ FD	1.7 U	3.1	2.7	3.7	1.9 U
Acenaphthylene	ug/kg	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	0.49 J Z	2.6	0.70 J Z	2.1	1.4 J Z	0.67 J Z	0.41 J FD, Z	0.84 J Z	1.2 J Z	1.2 J Z	1.3 J Z	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.7 U	1.9	1.8 U	1.6 J Z	1.0 J Z	1.7 U	1.8 UJ FD	1.7 U	0.87 J Z	0.84 J Z	0.89 J Z	1.9 U
2,4-Dinitrophenol	ug/kg	1000 U	1000 U	1100 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	500 UJ L	510 UJ L	530 U	500 U	500 U	520 U	550 U	500 U	510 U	510 U	510 U	560 U
Dibenzo(a,h)anthracene	ug/kg	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U
Benzo(a)anthracene	ug/kg	1.7 U	0.96 J Z	1.8 U	0.81 J Z	0.76 J Z	1.7 U	1.8 UJ FD	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Aniline	ug/kg	500 U	510 U	530 U	500 U	500 U	520 U	550 U	500 U	510 U	510 U	510 U	560 U
Benzoic Acid	ug/kg	500 U	510 U	530 U	500 U	500 U	520 U	550 U	500 U	510 U	510 U	510 U	560 U
Hexachloroethane	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
4-Chlorophenyl Phenylether	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Hexachlorocyclopentadiene	ug/kg	500 U	510 U	530 U	500 U	500 U	520 U	550 U	500 U	510 U	510 U	510 U	560 U
Isophorone	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Acenaphthene	ug/kg	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U
Diethylphthalate	ug/kg	18 U	18 U	19 U	18 U	18 U	19 U	20 U	18 U	18 U	18 U	18 U	20 U
Di-n-Butylphthalate	ug/kg	18 U	18 U	19 U	18 U	18 U	19 U	20 U	18 U	18 U	18 U	18 U	20 U
Phenanthrene	ug/kg	35 J Z	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	ug/kg	--	1.9	1.8 U	2	1.1 J Z	1.7 U	1.8 UJ FD	1.7 U	0.77 J Z	1.1 J Z	0.90 J Z	1.9 U
Butylbenzylphthalate	ug/kg	18 U	7.1 J Z	19 U	18 U	18 U	11 J Z	20 U	18 U	11 J Z	18 U	18 U	20 U
N-Nitrosodiphenylamine	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Fluorene	ug/kg	1.7 U	1.7	1.8 U	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U
Carbazole	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Pentachlorophenol	ug/kg	500 U	510 U	530 U	500 U	500 U	520 U	550 U	500 U	510 U	510 U	510 U	560 U
2,4,6-Trichlorophenol	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
2-Nitroaniline	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
2-Nitrophenol	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
1-Methylnaphthalene	ug/kg	1.7 U	1.7 U	1.8 U	0.78 J Z	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U
Naphthalene	ug/kg	1.7 U	1.3 J Z	1.8 U	3.5	0.71 J Z	1.7 U	1.8 UJ FD	1.7 U	0.77 J Z	0.96 J Z	0.84 J Z	1.9 U
2-Methylnaphthalene	ug/kg	1.7 U	0.70 J Z	1.8 U	1.2 J Z	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.9 U
2-Chloronaphthalene	ug/kg	170 U	170 U	180 U	170 U	170 U	170 UJ C	180 UJ C	170 U	170 U	170 U	170 U	190 U
3,3'-Dichlorobenzidine	ug/kg	330 U	340 U	350 U	340 U	340 U	350 U	370 U	340 U	340 U	340 U	340 U	370 U
Benzidine	ug/kg	3300 R Q	3400 U	3500 U	3400 U	3400 U	3500 U	3700 R Q	3400 U	3400 U	3400 U	3400 U	3700 U
2-Methylphenol	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
2-Chlorophenol	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
2,4,5-Trichlorophenol	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
3-Nitroaniline	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U
Benzyl Alcohol	ug/kg	500 U	510 U	530 U	500 U	500 U	520 U	550 U	500 U	510 U	510 U	510 U	560 U
2,6-Dinitrotoluene	ug/kg	170 U	170 U	180 U	170 U	170 U	170 U	180 U	170 U	170 U	170 U	170 U	190 U

Sample Name Sample Date SDG Start Depth End Depth		SL-013-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-013-SA5DS-SB-4.0-5.0 10/18/2011 DE271 4 5	SL-014-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-015-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-015-SA5DS-SB-3.5-4.5 10/18/2011 DE271 3.5 4.5	SL-016-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-016-SA5DS-SB-4.0-5.0 10/19/2011 DE272 4 5	SL-017-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-019-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-019-SA5DS-SB-2.0-3.0 11/08/2011 DE282 2 3	SL-020-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-021-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	36.1 U	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.7 U	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
2,4-Dinitrotoluene	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Nitrobenzene	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
1,4-Dichlorobenzene	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
1,2,4-Trichlorobenzene	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
1,3-Dichlorobenzene	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Hexachlorobutadiene	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
1,2-Dichlorobenzene	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
4-Nitroaniline	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
4-Nitrophenol	ug/kg	500 U	570 U	510 U	510 U	550 U	520 U	540 U	510 U	510 U	540 U	510 U	510 U
4-Bromophenyl Phenyl Ether	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
2,4-Dimethylphenol	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
4-Methylphenol	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
4-Chloroaniline	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
3,5-Dimethylphenol	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Phenol	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Bis(2-Chloroethyl) ether	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Bis(2-Chloroethoxy) methane	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	6.5 J Z	20 U	130	15 J Z	20 U	10 J Z	19 U	15 J Z	18 U	12 J Z	16 J Z	7.1 J Z
Di-N-Octyl Phthalate	ug/kg	18 U	20 U	18 U	19 U	20 U	18 U	19 U	18 U	18 U	18 U	18 U	18 U
Hexachlorobenzene	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Anthracene	ug/kg	1.7 U	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
2,4-Dichlorophenol	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
1,2-Diphenylhydrazine	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.1 J Z	1.9 U	1.6 J Z	1.5 J Z	1.8 U	1.3 J Z	1.8 U	3.1	1.7 U	1.8 U	1.6 J Z	0.86 J Z
Dimethylphthalate	ug/kg	18 U	20 U	18 U	19 U	20 U	18 U	19 U	18 U	18 U	18 U	18 U	18 U
Dibenzofuran	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.7 U	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U	1.8 U	0.68 J Z	1.7 U	1.8 U	0.71 J Z	1.7 U
Indeno(1,2,3-Cd)Pyrene	ug/kg	1.7 U	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U	1.8 U	0.67 J Z	1.7 U	1.8 U	1.7 U	1.7 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	4.5	1.9 U	4.7	4.2	1.8 U	5.9	1.8 U	13	1.4 J Z	1.8 U	3.8	4
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.1 J Z	1.9 U	1.7	1.5 J Z	1.8 U	1.4 J Z	1.8 U	3.6	1.7 U	1.8 U	1.9	0.98 J Z
Benzo(k)fluoranthene	ug/kg	1.7 U	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
Acenaphthylene	ug/kg	1.7 U	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	0.81 J Z	1.9 U	1.4 J Z	1.2 J Z	1.8 U	1.2 J Z	1.8 U	3.5	0.36 J Z	1.8 U	1.7	0.93 J Z
bis(2-Chloroisopropyl) ether	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	0.74 J Z	1.9 U	1.1 J Z	0.88 J Z	1.8 U	0.85 J Z	1.8 U	2.3	1.7 U	1.8 U	1.1 J Z	1.7 U
2,4-Dinitrophenol	ug/kg	1000 U	1100 U	1000 U	1000 U	1100 U	1000 U	1100 U	1000 U	1000 U	1100 U	1000 U	1000 U
4,6-Dinitro-2-Methylphenol	ug/kg	500 U	570 U	510 U	570 U	550 U	510 U	540 U	520 U	510 U	540 U	510 U	510 U
Dibenzo(a,h)anthracene	ug/kg	1.7 U	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U	1.8 U	1.0 J Z	1.7 U	1.8 U	1.7 U	1.7 U
Benzo(a)anthracene	ug/kg	1.7 U	1.9 U	0.68 J Z	1.7 U	1.8 U	1.7 U	1.8 U	1.1 J Z	1.7 U	1.8 U	0.76 J Z	1.7 U
4-Chloro-3-Methylphenol	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
N-Nitroso-Di-N-Propylamine	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Aniline	ug/kg	500 U	570 U	510 U	510 U	550 U	520 U	540 U	510 U	510 U	540 U	510 U	510 U
Benzoic Acid	ug/kg	500 U	1200	510 U	510 U	390 J Z	520 U	540 U	510 U	510 U	540 U	510 U	510 U
Hexachloroethane	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
4-Chlorophenyl Phenylether	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Hexachlorocyclopentadiene	ug/kg	500 U	570 U	510 U	510 U	550 U	520 U	540 U	510 U	510 U	540 U	510 U	510 U
Isophorone	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Acenaphthene	ug/kg	1.7 U	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
Diethylphthalate	ug/kg	18 U	20 U	18 U	18 U	20 U	19 U	19 U	18 U	18 U	19 U	18 U	18 U
Di-n-Butylphthalate	ug/kg	18 U	20 U	18 U	18 U	20 U	19 U	19 U	18 U	18 U	19 U	18 U	18 U
Phenanthrene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	ug/kg	0.75 J Z	1.9 U	1.0 J Z	1.0 J Z	1.8 U	1.1 J Z	1.8 U	1.4 J Z	1.7 U	1.8 U	1.0 J Z	0.76 J Z
Butylbenzylphthalate	ug/kg	18 U	20 U	18 U	18 U	20 U	19 U	19 U	48	18 U	19 U	6.6 J Z	18 U
N-Nitrosodiphenylamine	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Fluorene	ug/kg	1.7 U	1.9 U	1.7 U	1.7 U	1.8 U	0.81 J Z	1.8 U	1.3 J Z	1.7 U	1.8 U	1.7 U	1.7 U
Carbazole	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Pentachlorophenol	ug/kg	500 U	570 U	510 U	510 U	550 U	520 U	540 U	510 U	510 U	540 U	510 U	510 U
2,4,6-Trichlorophenol	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
2-Nitroaniline	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
2-Nitrophenol	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
1-Methylnaphthalene	ug/kg	1.7 U	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
Naphthalene	ug/kg	0.73 J Z	1.9 U	0.80 J Z	0.69 J Z	1.8 U	0.75 J Z	1.8 U	0.95 J Z	1.7 U	1.8 U	1.0 J Z	1.7 U
2-Methylnaphthalene	ug/kg	1.7 U	1.9 U	1.7 U	1.7 U	1.8 U	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
2-Chloronaphthalene	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
3,3'-Dichlorobenzidine	ug/kg	340 U	380 U	340 U	340 U	370 U	350 U	360 U	340 U	340 U	360 U	340 U	340 U
Benzidine	ug/kg	3400 U	3800 UJ Q	3400 U	3400 U	3700 U	3500 U	3600 R Q	3400 U	3400 U	3600 U	3400 U	3400 U
2-Methylphenol	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
2-Chlorophenol	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
2,4,5-Trichlorophenol	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
3-Nitroaniline	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 U	170 U
Benzyl Alcohol	ug/kg	500 U	570 U	510 U	510 U	550 U	520 U	540 U	510 U	510 U	540 U	510 U	510 U
2,6-Dinitrotoluene	ug/kg	170 U	190 U	170 U	170 U	180 U	170 U	180 U	170 U	170 U	180 U	170 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-021-SA5DS-SB-2.0-3.0 11/09/2011 DE283 2 3	SL-022-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-022-SA5DS-SB-4.0-5.0 11/09/2011 DE283 4 5	SL-023-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-024-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-025-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-026-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-026-SA5DS-SB-4.0-5.0 10/20/2011 DE273 4 5	SL-026-SA5DS-SB-9.0-10.0 10/20/2011 DE273 9 10	SL-027-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-028-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-028-SA5DS-SB-1.9-2.9 11/11/2011 DE285 1.9 2.9
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	1.8 U	8.4 U	1.7 U	1.8 U
2,4-Dinitrotoluene	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Nitrobenzene	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
1,4-Dichlorobenzene	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
1,2,4-Trichlorobenzene	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
1,3-Dichlorobenzene	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Hexachlorobutadiene	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
1,2-Dichlorobenzene	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	170 U	840 U	180 U	180 U
4-Nitroaniline	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
4-Nitrophenol	ug/kg	540 U	510 U	520 U	510 U	510 U	500 U	25000 U	540 U	550 U	2500 U	500 U	530 U
4-Bromophenyl Phenyl Ether	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
2,4-Dimethylphenol	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
4-Methylphenol	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
4-Chloroaniline	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
3,5-Dimethylphenol	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Phenol	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	18 J Z	180 U
Bis(2-Chloroethyl) ether	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	--	18 J Z	--	--	--	--	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	12 J Z	23	27 J S	6.6 J Z	--	21	9.0 J Z	9.1 J Z	11 J Z	33 J Z	18 U	10 J Z
Di-N-Octyl Phthalate	ug/kg	9.5 J Z	18 U	18 J S, Z	18 U	18 U	18 U	19 U	18 U	19 U	90 U	18 U	19 U
Hexachlorobenzene	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Anthracene	ug/kg	0.43 J Z	1.7 U	11 J S	1.7 U	1.7 U	1.7 U	25	1.8 U	1.8 U	8.4 U	1.7 U	1.7 J Z
2,4-Dichlorophenol	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
1,2-Diphenylhydrazine	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	1300 J Z	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.8 U	3.2	12 J S	2.9	1.5 J Z	2.7	--	1.8 U	1.8 U	7.4 J Z	0.82 J Z	2.1
Dimethylphthalate	ug/kg	19 U	18 U	6.3 J S, Z	18 U	18 U	18 U	18 U	19 U	19 U	90 U	18 U	19 U
Dibenzofuran	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	1100 J Z	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.8 U	1.1 J Z	10 J S	1.7 U	1.0 J Z	1.4 J Z	--	1.8 U	1.8 U	8.4 U	1.7 U	1.8
Indeno(1,2,3-Cd)Pyrene	ug/kg	1.8 U	0.89 J Z	11 J S	1.7 U	0.70 J Z	1.1 J Z	78	1.8 U	1.8 U	8.4 U	1.7 U	1.7 J Z
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	1400 J Z	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.8 U	7.3	13 J S	2.8	2.9	4.5	--	1.8 U	1.8 U	34	1.8	3.2
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	1100 J Z	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.8 U	3.8	15 J S	1.9	1.7	3.1	--	1.8 U	1.8 U	8.4 U	0.86 J Z	2.6
Benzo(k)fluoranthene	ug/kg	1.8 U	1.7 U	13 J S	0.90 J Z	1.7 U	1.7 U	150	1.8 U	1.8 U	8.4 U	0.72 J Z	2.8
Acenaphthylene	ug/kg	1.8 U	1.7 U	0.90 J S, Z	1.7 U	1.7 U	1.7 U	0.48 J Z	1.8 U	1.8 U	8.4 U	1.7 U	1.8 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	1500 J Z	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	0.53 J Z	2.5	14 J S	1.6 J Z	1.4 J Z	2.2	--	1.8 U	1.8 U	20	1.1 J Z	3.4
bis(2-Chloroisopropyl) ether	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	1400 J Z	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.8 U	2	12 J S	1.7	0.79 J Z	1.5 J Z	--	1.8 U	1.8 U	8.4 U	1.1 J Z	2.3
2,4-Dinitrophenol	ug/kg	1100 U	1000 U	1000 U	1000 U	1000 U	1000 U	50000 U	1100 U	1100 U	5000 U	1000 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	540 U	510 U	520 U	510 U	510 U	510 U	25000 UJ L	540 U	550 U	2500 UJ L	500 UJ L	530 U
Dibenzo(a,h)anthracene	ug/kg	1.8 U	1.7 U	11 J S	1.7 U	1.7 U	1.7 U	27	1.8 U	1.8 U	8.4 U	1.7 U	1.7 J Z
Benzo(a)anthracene	ug/kg	1.8 U	1.1 J Z	15 J S	1.5 J Z	1.7 U	1.1 J Z	180	1.8 U	1.8 U	3.9 J Z	0.80 J Z	2.6
4-Chloro-3-Methylphenol	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Aniline	ug/kg	540 U	510 U	520 U	510 U	510 U	500 U	25000 U	540 U	550 U	2500 U	500 U	530 U
Benzoic Acid	ug/kg	540 U	510 U	200 J Z	510 U	510 U	500 U	25000 U	540 U	550 U	2500 U	500 U	530 U
Hexachloroethane	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
4-Chlorophenyl Phenylether	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Hexachlorocyclopentadiene	ug/kg	540 U	510 U	520 U	510 U	510 U	500 U	25000 U	540 U	550 U	2500 U	500 U	530 U
Isophorone	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Acenaphthene	ug/kg	1.8 U	1.7 U	1.0 J S, Z	1.7 U	1.7 U	1.7 U	11	1.8 U	1.8 U	8.4 U	1.7 U	1.8 U
Diethylphthalate	ug/kg	19 U	18 U	10 J S, Z	18 U	18 U	18 U	18 U	19 U	19 U	90 U	18 U	19 U
Di-n-Butylphthalate	ug/kg	19 U	18 U	19 J S	18 U	18 U	18 U	18 U	8.2 J Z	8.0 J Z	90 U	18 U	19 U
Phenanthrene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	ug/kg	1.8 U	2.2	10 J S	1.7 U	1.3 J Z	1.5 J Z	99	1.8 U	1.8 U	4.5 J Z	1.7 U	1.8
Butylbenzylphthalate	ug/kg	19 U	10 J Z	17 J S, Z	18 U	18 U	6.6 J Z	18 U	19 U	19 U	90 U	18 U	12 J Z
N-Nitrosodiphenylamine	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Fluorene	ug/kg	1.8 U	1.7 U	4.1 J S	1.7 U	1.7 U	1.7 U	6.7	1.8 U	1.8 U	8.4 U	1.7 U	0.71 J Z
Carbazole	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Pentachlorophenol	ug/kg	540 U	510 U	520 U	510 U	510 U	500 U	25000 U	540 U	550 U	2500 U	500 U	530 U
2,4,6-Trichlorophenol	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
2-Nitroaniline	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
2-Nitrophenol	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
1-Methylnaphthalene	ug/kg	1.8 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.8 U	1.8 U	8.4 U	1.7 U	1.8 U
Naphthalene	ug/kg	1.8 U	0.82 J Z	1.7 U	1.7 U	1.6 J Z	0.74 J Z	0.99 J Z	1.8 U	1.8 U	8.4 U	1.7 U	1.8 U
2-Methylnaphthalene	ug/kg	1.8 U	1.7 U	1.7 U	1.7 U	0.71 J Z	1.7 U	1.7 U	1.8 U	1.8 U	8.4 U	1.7 U	1.8 U
2-Chloronaphthalene	ug/kg	180 UJ C	170 U	170 UJ C	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
3,3'-Dichlorobenzidine	ug/kg	360 U	340 U	350 U	340 U	340 U	330 U	17000 U	360 U	360 U	1700 U	330 U	350 U
Benzidine	ug/kg	3600 U	3400 U	3500 U	3400 U	3400 U	3300 U	170000 U	3600 U	3600 U	17000 U	3300 U	3500 U
2-Methylphenol	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
2-Chlorophenol	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
2,4,5-Trichlorophenol	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
3-Nitroaniline	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U
Benzyl Alcohol	ug/kg	540 U	510 U	520 U	510 U	510 U	500 U	25000 U	540 U	550 U	2500 U	500 U	530 U
2,6-Dinitrotoluene	ug/kg	180 U	170 U	170 U	170 U	170 U	170 U	8300 U	180 U	180 U	840 U	170 U	180 U

Sample Name Sample Date SDG Start Depth End Depth		SL-029-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-029-SA5DS-SB-3.5-4.5 11/11/2011 DE285 3.5 4.5	SL-030-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-031-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-031-SA5DS-SB-4.0-5.0 11/14/2011 DE286 4 5	SL-031-SA5DS-SB-9.0-10.0 11/14/2011 DE286 9 10	SL-032-SA5DS-SS-0.0-0.5 09/26/2011 DE253 0 0.5	SL-033-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-033-SA5DS-SB-2.0-3.0 10/17/2011 DE270 2 3	SL-034-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-034-SA5DS-SB-4.0-5.0 10/17/2011 DE270 4 5	SL-034-SA5DS-SB-9.0-10.0 10/17/2011 DE270 9 10
Chemical Name	Unit												
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
2,4-Dinitrotoluene	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Nitrobenzene	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
1,4-Dichlorobenzene	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
1,2,4-Trichlorobenzene	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
1,3-Dichlorobenzene	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Hexachlorobutadiene	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
1,2-Dichlorobenzene	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
4-Nitroaniline	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
4-Nitrophenol	ug/kg	510 U	540 U	510 U	520 U	550 U	550 U	510 U	520 U	570 U	520 U	570 U	560 U
4-Bromophenyl Phenyl Ether	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
2,4-Dimethylphenol	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
4-Methylphenol	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
4-Chloroaniline	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
3,5-Dimethylphenol	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Phenol	ug/kg	18 J Z	180 U	170 U	20 J Z	180 U	180 U	18 J Z	170 U	190 U	170 U	190 U	190 U
Bis(2-Chloroethyl) ether	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Bis(2-Chloroethoxy) methane	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	18 J Z	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	10 J Z	7.5 J Z	13 J Z	--	20 U	13 J Z	66	8.4 J Z	20 U	18 U	20 U	20 U
Di-N-Octyl Phthalate	ug/kg	7.5 J Z	19 U	25	19 U	20 U	20 U	9.6 J Z	19 U	20 U	18 U	20 U	20 U
Hexachlorobenzene	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Anthracene	ug/kg	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	0.43 J Z	0.57 J Z	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
2,4-Dichlorophenol	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
1,2-Diphenylhydrazine	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	2.6	1.8 U	2.3	1.7 U	1.8 U	0.74 J Z	12	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
Dimethylphthalate	ug/kg	19 U	19 U	18 U	19 U	20 U	19 U	18 U	19 U	20 U	18 U	20 U	20 U
Dibenzofuran	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Benzo(g,h,i)perylene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene (8270C SIM)	ug/kg	1.2 J Z	1.8 U	1.7 U	1.7 U	1.8 U	1.8 U	1.3 J Z	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
Indeno(1,2,3-Cd)Pyrene	ug/kg	0.76 J Z	1.8 U	0.94 J Z	1.7 U	1.8 U	1.8 U	1.4 J Z	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	4.1	1.8 U	19	1.7 U	1.8 U	1.8 U	20	0.96 J Z	1.9 U	1.0 J FD, Z	1.9 U	1.9 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	2.9	1.8 U	2.6	1.7 U	1.8 U	0.91 J Z	12	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
Benzo(k)fluoranthene	ug/kg	1.2 J Z	1.8 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
Acenaphthylene	ug/kg	1.7 U	1.8 U	2.9	1.7 U	1.8 U	1.7 U	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	2.2	1.8 U	4.4	1.7 U	1.8 U	0.80 J Z	8.5	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
bis(2-Chloroisopropyl) ether	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9	1.8 U	3.5	1.7 U	1.8 U	1.8 U	6.8	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
2,4-Dinitrophenol	ug/kg	1000 U	1100 U	1000 U	1000 U	1100 U	1100 U	1000 U	1000 U	1100 U	1000 U	1100 UJ O	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	510 UJ L	540 U	510 UJ L	520 UJ L	550 U	550 U	510 UJ L	520 U	570 U	520 U	570 U	560 U
Dibenzo(a,h)anthracene	ug/kg	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
Benzo(a)anthracene	ug/kg	1.3 J Z	1.8 U	10	1.7 U	1.8 U	1.8 U	6.7	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
4-Chloro-3-Methylphenol	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
N-Nitroso-Di-N-Propylamine	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Aniline	ug/kg	510 U	540 U	510 U	520 U	550 U	550 U	510 U	520 U	570 U	520 U	570 U	560 U
Benzoic Acid	ug/kg	510 U	540 U	510 U	520 U	550 U	550 U	510 U	520 U	570 U	520 U	570 U	560 U
Hexachloroethane	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
4-Chlorophenyl Phenylether	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Hexachlorocyclopentadiene	ug/kg	510 U	540 U	510 U	520 U	550 U	550 U	510 U	520 U	570 U	520 U	570 U	560 U
Isophorone	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Acenaphthene	ug/kg	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
Diethylphthalate	ug/kg	19 U	19 U	18 U	19 U	20 U	20 U	18 U	19 U	20 U	18 U	20 U	20 U
Di-n-Butylphthalate	ug/kg	19 U	19 U	18 U	19 U	20 U	20 U	18 U	19 U	20 U	18 U	20 U	20 U
Phenanthrene	ug/kg	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	ug/kg	2.3	1.8 U	1.4 J Z	1.7 U	1.8 U	0.85 J Z	2.8	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
Butylbenzylphthalate	ug/kg	19 U	12 J Z	200	19 U	20 U	8.5 J Z	18	19 U	20 U	18 U	20 U	20 U
N-Nitrosodiphenylamine	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Fluorene	ug/kg	1.7 U	1.8 U	3.5	1.7 U	1.8 U	1.8 U	1.7 U	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
Carbazole	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Pentachlorophenol	ug/kg	510 U	540 U	510 U	520 U	550 U	550 U	510 U	520 U	570 U	520 U	570 U	560 U
2,4,6-Trichlorophenol	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
2-Nitroaniline	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
2-Nitrophenol	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
1-Methylnaphthalene	ug/kg	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.8 U	0.84 J Z	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
Naphthalene	ug/kg	1.7 U	1.8 U	0.99 J Z	1.7 U	1.8 U	0.83 J Z	1.5 J Z	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
2-Methylnaphthalene	ug/kg	1.7 U	1.8 U	1.7 U	1.7 U	1.8 U	1.8 U	0.81 J Z	1.7 U	1.9 U	1.7 U	1.9 U	1.9 U
2-Chloronaphthalene	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
3,3'-Dichlorobenzidine	ug/kg	340 U	360 U	340 U	340 U	370 U	370 U	340 U	350 U	380 U	340 U	380 U	370 U
Benzidine	ug/kg	3400 U	3600 U	3400 U	3400 U	3700 U	3700 U	3400 U	3500 U	3800 U	3400 R Q	3800 U	3700 U
2-Methylphenol	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
2-Chlorophenol	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
2,4,5-Trichlorophenol	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
3-Nitroaniline	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 U	190 U	190 U
Benzyl Alcohol	ug/kg	510 U	540 U	510 U	520 U	550 U	550 U	510 U	520 U	570 U	520 U	570 U	560 U
2,6-Dinitrotoluene	ug/kg	170 U	180 U	170 U	170 U	180 U	180 U	170 U	170 U	190 U	170 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-036-SA5DS-SB-4.0-5.0 10/14/2011 DE269 4 5	SL-036-SA5DS-SB-9.0-10.0 10/14/2011 DE269 9 10	SL-037-SA5DS-SB-4.0-5.0 10/14/2011 DE269 4 5	SL-037-SA5DS-SB-9.0-10.0 10/14/2011 DE269 9 10	SL-038-SA5DS-SS-0.0-0.5 09/27/2011 DE256 0 0.5	SL-038-SA5DS-SB-4.0-5.0 10/14/2011 DE269 4 5	SL-038-SA5DS-SB-9.0-10.0 10/14/2011 DE269 9 10	SL-039-SA5DS-SB-3.0-4.0 10/17/2011 DE270 3 4	SL-040-SA5DS-SS-0.0-0.5 09/28/2011 DE257 0 0.5	SL-040-SA5DS-SB-4.0-5.0 10/20/2011 DE273 4 5	SL-040-SA5DS-SB-9.0-10.0 10/20/2011 DE273 9 10
Chemical Name	Unit											
N-Nitrosodimethylamine (1625C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
2,4-Dinitrotoluene	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Nitrobenzene	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
1,4-Dichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
1,2,4-Trichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
1,3-Dichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Hexachlorobutadiene	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
1,2-Dichlorobenzene	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
4-Nitroaniline	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
4-Nitrophenol	ug/kg	570 U	570 U	570 U	580 U	510 U	540 U	540 U	540 U	500 U	540 U	540 U
4-Bromophenyl Phenyl Ether	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
2,4-Dimethylphenol	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
4-Methylphenol	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
4-Chloroaniline	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
3,5-Dimethylphenol	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Phenol	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Bis(2-Chloroethyl) ether	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Bis(2-Chloroethoxy) methane	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Bis(2-Ethylhexyl) phthalate (8270C)	ug/kg	--	--	--	27 J Z	--	--	--	--	--	--	--
Bis(2-Ethylhexyl) phthalate (8270C SIM)	ug/kg	9.3 J Z	21 U	21 U	--	11 J Z	7.1 J Z	9.0 J Z	19 U	13 J Z	8.3 J Z	8.4 J Z
Di-N-Octyl Phthalate	ug/kg	20 U	21 U	21 U	21 U	19 U	19 U	19 U	19 U	18 U	19 U	19 U
Hexachlorobenzene	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Anthracene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
2,4-Dichlorophenol	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
1,2-Diphenylhydrazine	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	0.89 J Z	1.8 U	1.8 U	1.8 U	2.2	1.8 U	1.8 U
Dimethylphthalate	ug/kg	20 U	21 U	21 U	21 U	19 U	19 U	19 U	19 U	18 U	19 U	19 U
Dibenzofuran	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 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 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Indeno(1,2,3-Cd)Pyrene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Benzo(b)fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	2	1.8 U	1.8 U	1.8 U	6.7	1.8 U	1.8 U
Fluoranthene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	0.92 J Z	1.8 U	1.8 U	1.8 U	2.3	1.8 U	1.8 U
Benzo(k)fluoranthene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Acenaphthylene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Chrysene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Chrysene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	0.78 J Z	1.8 U	1.8 U	1.8 U	1.9	1.8 U	1.8 U
bis(2-Chloroisopropyl) ether	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Benzo(a)pyrene (8270C)	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene (8270C SIM)	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	1.2 J Z	1.8 U	1.8 U
2,4-Dinitrophenol	ug/kg	1100 U	1100 U	1100 U	1200 U	1000 U	1100 U	1100 U	1100 U	1000 U	1100 U	1100 U
4,6-Dinitro-2-Methylphenol	ug/kg	570 U	570 U	570 U	580 U	510 U	540 U	540 U	540 U	500 U	540 U	540 U
Dibenzo(a,h)anthracene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Benzo(a)anthracene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	0.77 J Z	1.8 U	1.8 U
4-Chloro-3-Methylphenol	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
N-Nitroso-Di-N-Propylamine	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Aniline	ug/kg	570 U	570 U	570 U	580 U	510 U	540 U	540 U	540 U	500 U	540 U	540 U
Benzoic Acid	ug/kg	570 U	570 U	570 U	580 U	510 U	540 U	540 U	540 U	500 U	540 U	540 U
Hexachloroethane	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
4-Chlorophenyl Phenylether	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Hexachlorocyclopentadiene	ug/kg	570 U	570 U	570 U	580 U	510 U	540 U	540 U	540 U	500 U	540 U	540 U
Isophorone	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Acenaphthene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Diethylphthalate	ug/kg	20 U	21 U	21 U	21 U	19 U	19 U	19 U	19 U	18 U	19 U	19 U
Di-n-Butylphthalate	ug/kg	20 U	21 U	21 U	21 U	19 U	19 U	19 U	19 U	18 U	7.7 J Z	7.7 J Z
Phenanthrene	ug/kg	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	1.5 J Z	1.8 U	1.8 U
Butylbenzylphthalate	ug/kg	20 U	21 U	21 U	21 U	19 U	19 U	19 U	19 U	8.8 J Z	19 U	19 U
N-Nitrosodiphenylamine	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Fluorene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Carbazole	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Pentachlorophenol	ug/kg	570 U	570 U	570 U	580 U	510 U	540 U	540 U	540 U	500 U	540 U	540 U
2,4,6-Trichlorophenol	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
2-Nitroaniline	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
2-Nitrophenol	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
1-Methylnaphthalene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
Naphthalene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	1.4 J Z	1.8 U	1.8 U
2-Methylnaphthalene	ug/kg	1.9 U	1.9 U	1.9 U	2.0 U	1.7 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.8 U
2-Chloronaphthalene	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
3,3'-Dichlorobenzidine	ug/kg	380 U	380 U	380 U	390 U	340 U	360 U	360 U	360 U	340 U	360 U	360 U
Benzidine	ug/kg	3800 U	3800 U	3800 U	3900 U	3400 U	3600 U	3600 U	3600 U	3400 U	3600 U	3600 U
2-Methylphenol	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
2-Chlorophenol	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
2,4,5-Trichlorophenol	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
3-Nitroaniline	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U
Benzyl Alcohol	ug/kg	570 U	570 U	570 U	580 U	510 U	540 U	540 U	540 U	500 U	540 U	540 U
2,6-Dinitrotoluene	ug/kg	190 U	190 U	190 U	190 U	170 U	180 U	180 U	180 U	170 U	180 U	180 U

Sample Name		SL-005-SA5DS-SB-1.0-2.0	SL-010-SA5DS-SB-2.0-3.0	SL-019-SA5DS-SB-2.0-3.0
Sample Date		11/09/2011	11/08/2011	11/08/2011
SDG		DE283	DE282	DE282
Start Depth		1	2	2
End Depth		2	3	3
Chemical Name	Unit			
GRO (C5-C12)	mg/kg	1.2 U	2.2 U	1.2 U
EFH (C12-C14)	mg/kg	1.3 U	1.3 U	1.3 U
EFH (C15-C20)	mg/kg	1.3 U	1.3 U	1.3 U
EFH (C21-C30)	mg/kg	3.3	1.3 U	1.2 J Z
EFH (C30-C40)	mg/kg	8.5	1.6	5
EFH (C8-C11)	mg/kg	1.3 U	1.3 U	1.3 U

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