APPENDIX C

REMEDIAL INVESTIGATION REPORT SUMMARY APPENDIX TABLES (RIRSAT)

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200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples															
Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
216-A-29															
Aroclor-1016	12674-11-2	GENORG	ug/kg	32	0	0.0	2.7	2600			8082	8082			
Aroclor-1221	11104-28-2	GENORG	ug/kg	32	0	0.0	2.7	5100			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	32	0	0.0	2.7	2600			8082	8082			
Aroclor-1242	53469-21-9	GENORG	ug/kg	32	0	0.0	2.7	2600			8082	8082			
Aroclor-1248	12672-29-6	GENORG	ug/kg	32	0	0.0	2.7	2600			8082	8082			
Aroclor-1254	11097-69-1	GENORG	ug/kg	32	2	6.3	6.3	50	2500	9400	8082	8082	4	5	B13CK9
Aroclor-1260	11096-82-5	GENORG	ug/kg	32	0	0.0	6.3	2600			8082	8082			
Aroclor-1262	37324-23-5	GENORG	ug/kg	1	0	0.0	34	34			8082	8082			
Aroclor-1268	11100-14-4	GENORG	ug/kg	1	0	0.0	34	34			8082	8082			
Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	23	0	0.0	1400	132000			WDOE TPH	WDOE TPH			
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	21	1	4.8	4900	26000	440000	440000	WDOE TPH	WDOE TPH	4	6.5	B16NF7
Total petroleum hydrocarbons - motor oil (hi	TPH/OILH	GENORG	ug/kg	2	1	50.0	14.6	14.6	760000	760000	WDOE TPH	WDOE TPH	4	5	B13CK9
Aluminum	7429-90-5	METAL		4	4	100.0			5210000	10100000	6010	6010	6	7	B13C81
Antimony	7440-36-0	METAL	ug/kg	1	0	0.0	1070	1070			6010	6010			
Arsenic	7440-38-2	METAL	ug/kg	32	31	96.9	2420	2420	1600	12200	6010	6010	8.5	9.5	B13C77
Barium	7440-39-3	METAL		32	32	100.0			52000	118000	6010	6010	6	7	B13C81
Beryllium	7440-41-7	METAL	ug/kg	23	20	87.0	10	97	80	626	6010	6010	4	6.5	B16NF7
Bismuth	7440-69-9	METAL	ug/kg	5	1	20.0	357	9700	766	766	6010	6010	4	6.5	B16NF7
Boron	7440-42-8	METAL	ug/kg	4	4	100.0			2100	3400	6010	6010	4	5	B13CK9
Cadmium	7440-43-9	METAL	ug/kg	32	26	81.3	30	30	60	28000	6010	6010	4	5	B13CK9
Calcium	7440-70-2	METAL	ug/kg	4	4	100.0			6830000	24300000	6010	6010	6	7	B13C81
Chromium	7440-47-3	METAL	ug/kg	32	32	100.0			3000	36800	6010	6010	4	5	B13CK9
Copper	7440-50-8	METAL	ug/kg	23	23	100.0			7570	172000	6010	6010	4	5	B13CK9
Hexavalent Chromium	18540-29-9	METAL	ug/kg	23	7	30.4	57	490	520	8800	7196	7196	7.5	8.5	B13CR4
Iron	7439-89-6	METAL	ug/kg	4	4	100.0			22900000	26900000	6010	6010	5	6	B13CR9
Lead	7439-92-1	METAL	ug/kg	32	31	96.9	1260	1260	1300	390000	6010	6010	7.5	8.5	B13CR4
Magnesium	7439-95-4	METAL	ug/kg	1	1	100.0			4310000	4310000	6010	6010	4	6.5	B16NF7
Manganese	7439-96-5	METAL	ug/kg	5	5	100.0			216000	454000	6010	6010	6	7	B13C81
Mercury	7439-97-6	METAL	ug/kg	31	17	54.8	10	20	8.7	5200	7471	7471	4	5	B13CK9
Molybdenum	7439-98-7	METAL	ug/kg	5	4	80.0	9700	9700	530	3200	6010	6010	4	5	B13CK9
Nickel	7440-02-0	METAL	ug/kg	23	23	100.0			950	27600	6010	6010	4	5	B13CK9
Potassium	9/7/7440	METAL	ug/kg	4	4	100.0			990000	2260000	6010	6010	6	7	B13C81

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Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Selenium	7782-49-2	METAL	ug/kg	32	12	37.5	180	420	280	2520	6010	6010	9	11.5	B16FN6-A
Silver	7440-22-4	METAL	ug/kg	32	5	15.6	50	291	1400	42000	6010	6010	4	5	B13CK9
Sodium	7440-23-5	METAL	ug/kg	4	4	100.0			205000	873000	6010	6010	4	5	B13CK9
Thallium	7440-28-0	METAL	ug/kg	4	1	25.0	312	410	520	520	6010	6010	6	7	B13C81
Tin	7440-31-5	METAL	ug/kg	1	0	0.0	9700	9700			6010	6010			
Uranium	7440-61-1	METAL	ug/kg	23	23	100.0			253	5280	KPA	KPA	7.5	8.5	B13CR4
Vanadium	7440-62-2	METAL	ug/kg	23	23	100.0			36800	104000	6010	6010	7.5	8.5	B13CR4
Zinc	7440-66-6	METAL	ug/kg	23	23	100.0			35700	224000	6010	6010	4	5	B13CK9
pH Measurement	PH	PHYSICAL		23	23	100.0			6.5	9.3	9045	9045	10	11	B13CR8
Actinium-228	14331-83-0	RAD	pCi/g	1	1	100.0			0.429	0.429	GEA	GEA	9	11.5	B16FN6-A
Americium-241	14596-10-2	RAD	pCi/g	55	10	18.2	-0.121	77	0.032	145	IX/Plate/AEA	GEA	4	6.5	B16NF7
Antimony-125	14234-35-6	RAD	pCi/g	5	1	20.0	-0.002	0.16	1.67	1.67	GEA	GEA	4	5	B13CK9
Barium-133	13981-41-4	RAD	pCi/g	4	0	0.0	0.03	0.3			GEA	GEA			
Bismuth-212	14913-49-6	RAD	pCi/g	1	1	100.0			0.282	0.282	GEA	GEA	9	11.5	B16FN6-A
Bismuth-214	14733-03-0	RAD	pCi/g	1	1	100.0			0.392	0.392	GEA	GEA	9	11.5	B16FN6-A
Carbon-14	14762-75-5	RAD	pCi/g	4	0	0.0	-0.983	2.49			CombOx/LSC	CombOx/LSC			
Cerium-144	14762-78-8	RAD	pCi/g	1	0	0.0	-0.041	-0.041			GEA	GEA			
Cesium-134	13967-70-9	RAD	pCi/g	5	0	0.0	0.023	0.097			GEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	32	18	56.3	-0.013	0.047	0.058	98.4	GEA	GEA	4	5	B13CK9
Cobalt-60	10198-40-0	RAD	pCi/g	32	0	0.0	-0.005	0.067			GEA	GEA			
Curium-242	15510-73-3	RAD	pCi/g	4	0	0.0	0	0.31			IX/Plate/AEA	IX/Plate/AEA			
Curium-243/244	CM-243/244	RAD	pCi/g	1	0	0.0	0.258	0.258			IX/Plate/AEA	IX/Plate/AEA			
Europium-152	14683-23-9	RAD	pCi/g	32	0	0.0	-0.022	0.79			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	32	0	0.0	-0.037	0.27			GEA	GEA			
Europium-155	14391-16-3	RAD	pCi/g	32	1	3.1	0.016	0.52	0.05	0.05	GEA	GEA	10	10	B0P722
Gross alpha	12587-46-1	RAD	pCi/g	32	28	87.5	0.56	3.44	3.47	777	GPC	900	4	6.5	B16NF7
Gross beta	12587-47-2	RAD	pCi/g	32	29	90.6	-2.03	6.45	1.2	78.2	900	900	4	5	B13CK9
Lead-212	15092-94-1	RAD	pCi/g	1	1	100.0			0.445	0.445	GEA	GEA	9	11.5	B16FN6-A
Lead-214	15067-28-4	RAD	pCi/g	1	1	100.0			0.432	0.432	GEA	GEA	9	11.5	B16FN6-A
Neptunium-237	13994-20-2	RAD	pCi/g	23	1	4.3	-0.003	1.88	0.124	0.124	LX/Plate/AEA	LX/Plate/AEA	11.5	12.5	B13CL2
Nickel-63	13981-37-8	RAD	pCi/g	1	0	0.0	0.588	0.588			LSC	LSC			
Niobium-94	14681-63-1	RAD	pCi/g	1	0	0.0	-0.001	-0.001			GEA	GEA			
Plutonium-238	13981-16-3	RAD	pCi/g	23	3	13.0	-0.024	0.162	0.056	15.7	IX/Prec/AEA	Sep/Plate/AEA	4	6.5	B16NF7
Plutonium-239/240	PU-239/240	RAD	pCi/g	23	11	47.8	0	0.145	0.026	667	Sep/Plate/AEA	Sep/Plate/AEA	4	6.5	B16NF7
Potassium-40	13966-00-2	RAD	pCi/g	30	30	100.0			6.63	16	GEA	GEA	6	7	B13C81
Radium-226	13982-63-3	RAD	pCi/g	31	31	100.0			0.266	0.895	GEA	GEA	8.5	9.5	B13C77
Radium-228	15262-20-1	RAD	pCi/g	32	32	100.0			0.414	1.11	GEA	GEA	6	7	B13C81
Ruthenium-103	13968-53-1	RAD	pCi/g	1	0	0.0	0.001	0.001			GEA	GEA			

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Ruthenium-106	13967-48-1	RAD	pCi/g	1	0	0.0	-0.023	-0.023			GEA	GEA			
Sodium-22	13966-32-0	RAD	pCi/g	4	0	0.0	0.034	0.095			GEA	GEA			
Technetium-99	14133-76-7	RAD	pCi/g	1	0	0.0	0.115	0.115			Sep/GPC	Sep/GPC			
Thallium-208	14913-50-9	RAD	pCi/g	1	1	100.0			0.136	0.136	GEA	GEA	9	11.5	B16FN6-A
Thorium-228	14274-82-9	RAD	pCi/g	52	44	84.6	-0.14	1.38	0.322	1.14	IX/Plate/AEA	IX/Plate/AEA	10	11	B13CR8
Thorium-230	14269-63-7	RAD	pCi/g	22	11	50.0	-0.046	3.22	0.423	1.49	IX/Plate/AEA	IX/Plate/AEA	9	11.5	B16548
Thorium-232	TH-232	RAD	pCi/g	52	48	92.3	0.092	1.84	0.298	1.22	IX/Plate/AEA	IX/Plate/AEA	10	11	B13CR8
Thorium-234	15065-10-8	RAD	pCi/g	1	0	0.0	0.696	0.696			GEA	GEA			
Tin-113	13966-06-8	RAD	pCi/g	1	0	0.0	-0.002	-0.002			GEA	GEA			
Tin-126	15832-50-5	RAD	pCi/g	5	0	0.0	0.058	0.31			GEA	GEA			
Total beta radiostrontium	SR-RAD	RAD	pCi/g	32	11	34.4	-0.071	0.197	0.272	0.779	Sep/GPC	Sep/GPC	10	11	B13CR8
Tritium	10028-17-8	RAD	pCi/g	1	0	0.0	0.026	0.026			906	906			
Uranium-233/234	U-233/234	RAD	pCi/g	5	5	100.0			0.33	2.31	Sep/Plate/AEA	Sep/Plate/AEA	7.5	8.5	B13CR4
Uranium-234	13966-29-5	RAD	pCi/g	1	1	100.0			0.964	0.964	IX/Plate/AEA	IX/Plate/AEA	10	11	B13CR8
Uranium-235	15117-96-1	RAD	pCi/g	28	3	10.7	0	0.78	0.061	0.439	Sep/Plate/AEA	GEA	4	5	B13CK9
Uranium-238	U-238	RAD	pCi/g	36	6	16.7	1.1	9.4	0.495	1.81	GEA	GEA	7.5	8.5	B13CR3
Zinc-65	13982-39-3	RAD	pCi/g	1	0	0.0	0.041	0.041			GEA	GEA			
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	31	0	0.0	300	2600			8270	8270			
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	31	0	0.0	330	2600			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	30	0	0.0	850	6400			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	30	0	0.0	850	6400			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	31	0	0.0	69	2600			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			

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2-Chloronaphthalene	91-58-7	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	31	0	0.0	150	2600			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	30	0	0.0	850	6400			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	31	0	0.0	180	2600			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	30	0	0.0	850	6400			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	30	0	0.0	850	6400			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	31	0	0.0	69	2600			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	30	0	0.0	850	6400			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	30	0	0.0	850	6400			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	31	0	0.0	69	2600			8270	8270			
Acenaphthylene	208-96-8	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	30	2	6.7	340	740	34	180	8270	8270	4	5	B13CK9
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	30	2	6.7	340	740	22	160	8270	8270	4	5	B13CK9
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	30	2	6.7	340	740	37	240	8270	8270	4	5	B13CK9
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			

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Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	31	8	25.8	38	400	19.316	6200	8270	8270	4	5	B13CK9
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	30	2	6.7	340	400	121.882	290	8270	8270	4	5	B13CK9
Carbazole	86-74-8	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Chrysene	218-01-9	SVOA	ug/kg	30	2	6.7	340	740	40	210	8270	8270	4	5	B13CK9
Decane	124-18-5	SVOA	ug/kg	1	0	0.0	250	250			8270	8270			
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	30	4	13.3	340	400	25	2740.798	8270	8270	4	5	B13CK9
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Dibenzofuran	132-64-9	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	31	1	3.2	340	2600	330	330	8270	8270	9	11.5	B16FN6-A
Dimethyl phthalate	131-11-3	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Fluoranthene	206-44-0	SVOA	ug/kg	30	2	6.7	340	740	120	370	8270	8270	4	5	B13CK9
Fluorene	86-73-7	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Hexachlorobenzene	118-74-1	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Hexachlorocyclopentadiene	77-47-4	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Isophorone	78-59-1	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Mesityl oxide	141-79-7	SVOA		1	1	100.0			390	390	8270	8270	9	11.5	B16FN6-A

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Naphthalene	91-20-3	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
Pentachlorophenol	87-86-5	SVOA	ug/kg	31	0	0.0	310	6400			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	30	2	6.7	340	740	150	370	8270	8270	4	5	B13CK9
Phenol	108-95-2	SVOA	ug/kg	31	0	0.0	100	2600			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	31	2	6.5	69	740	99	350	8270	8270	4	5	B13CK9
Tributyl phosphate	126-73-8	SVOA	ug/kg	22	2	9.1	69	400	310	543.205	8270	8270	4	6.5	B16NF7
n-Butyl benzenesulfonamide	3622-84-2	SVOA	ug/kg	1	1	100.0			4400	4400	8270	8270	9	11.5	B16FN6-A
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	31	0	0.0	69	2600			8270	8270			
n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	30	0	0.0	340	2600			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	23	0	0.0	0.46	8			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	23	0	0.0	0.46	8			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	23	0	0.0	0.45	8			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	23	0	0.0	0.4	8			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	23	0	0.0	1.4	8			8260	8260			
1-2-Dichloroethane	107-06-2	VOA	ug/kg	23	1	4.3	0.45	6	13	13	8260	8260	4	5	B13CK9
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	23	0	0.0	0.87	8			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	23	0	0.0	0.22	8			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	23	0	0.0	4800	26000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	23	0	0.0	1.9	16			8260	8260			
2-Hexanone	591-78-6	VOA	ug/kg	23	0	0.0	1.7	16			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	23	0	0.0	1.3	16			8260	8260			
Acetone	67-64-1	VOA	ug/kg	23	6	26.1	1.9	16	6	30	8260	8260	7.5	8.5	B13CR3
Benzene	71-43-2	VOA	ug/kg	23	0	0.0	0.39	8			8260	8260			

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Bromodichloromethane	75-27-4	VOA	ug/kg	23	0	0.0	0.47	8			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	23	0	0.0	0.65	8			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	23	0	0.0	0.63	16			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	23	0	0.0	0.48	8			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	23	0	0.0	0.68	8			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	23	0	0.0	0.36	8			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	23	0	0.0	1.9	16			8260	8260			
Chloroform	67-66-3	VOA	ug/kg	23	0	0.0	0.25	8			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	23	0	0.0	0.81	16			8260	8260			
Dibromochloromethane	124-48-1	VOA	ug/kg	23	0	0.0	0.4	8			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	23	0	0.0	4800	26000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	23	0	0.0	0.93	8			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	23	18	78.3	1.9	6	2	78	8260	8260	4	5	B13CK9
Styrene	100-42-5	VOA	ug/kg	23	0	0.0	0.39	8			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	23	1	4.3	0.38	6	6	6	8260	8260	4	5	B13CK9
Toluene	108-88-3	VOA	ug/kg	23	0	0.0	0.57	8			8260	8260			
Trichloroethene	79-01-6	VOA	ug/kg	23	0	0.0	0.32	8			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	23	0	0.0	0.83	16			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	23	0	0.0	1.1	8			8260	8260			
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	23	0	0.0	0.54	8			8260	8260			
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	23	0	0.0	0.32	8			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	22	5	22.7	170	6320	6690	41700	350.1	350.3	4	5	B13CK9
Ammonium ion	14798-03-9	WETCHEM	ug/kg	1	0	0.0	258	258			300.7_CATIONS_IC	300.7_CATIONS_IC			
Bromide	24959-67-9	WETCHEM	ug/kg	1	0	0.0	2250	2250			300	300			
Chloride	16887-00-6	WETCHEM	ug/kg	23	21	91.3	700	1300	1700	226000	300	300	4	5	B13CK9
Cyanide	57-12-5	WETCHEM	ug/kg	23	0	0.0	130	720			9010	9010			
Fluoride	16984-48-8	WETCHEM	ug/kg	23	2	8.7	1300	19200	730	5260	300	300	9	11.5	B16FN6-A
Hydrazine	302-01-2	WETCHEM	ug/kg	16	0	0.0	1000	1500			D1385	D1385			
Nitrate	14797-55-8	WETCHEM	ug/kg	23	22	95.7	1290	1290	1800	927000	300	300	4	5	B13CK9
Nitrite	14797-65-0	WETCHEM	ug/kg	23	0	0.0	69	9620			300	300			
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	23	22	95.7	190	190	850	210000	353.2	353.2	4	5	B13CK9
Phosphate	14265-44-2	WETCHEM	ug/kg	23	0	0.0	370	9600			300	300			

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples															
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Sulfate	14808-79-8	WETCHEM	ug/kg	23	22	95.7	1300	1300	6100	2970000	300	300	4	5	B13CK9
Sulfide	18496-25-8	WETCHEM	ug/kg	23	0	0.0	7000	61200			9030	9030			
216-B-63															
Aroclor-1016	12674-11-2	GENORG	ug/kg	18	0	0.0	2.7	36			8082	8082			
Aroclor-1221	11104-28-2	GENORG	ug/kg	18	0	0.0	2.7	73			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	18	0	0.0	2.7	36			8082	8082			
Aroclor-1242	53469-21-9	GENORG	ug/kg	18	0	0.0	2.7	36			8082	8082			
Aroclor-1248	12672-29-6	GENORG	ug/kg	18	0	0.0	2.7	36			8082	8082			
Aroclor-1254	11097-69-1	GENORG	ug/kg	18	1	5.6	6.4	36	77	77	8082	8082	10	13	B16FW5
Aroclor-1260	11096-82-5	GENORG	ug/kg	21	3	14.3	6.4	36	150	9200	8082	8082	8	10.5	B0MJC5
Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	17	0	0.0	1400	13100			WDOE TPH	WDOE TPH			
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	17	0	0.0	12200	27000			WDOE TPH	WDOE TPH			
Aluminum	7429-90-5	METAL	ug/kg	8	8	100.0			4640000	7090000	6010	6010	10.5	13	B0MJC8
Antimony	7440-36-0	METAL	ug/kg	4	1	25.0	4500	5000	5000	5000	6010	6010	4	6.5	B0MJC2
Arsenic	7440-38-2	METAL	ug/kg	21	21	100.0			1600	5100	6010	6010	15	17	B16530
Barium	7440-39-3	METAL	ug/kg	21	21	100.0			46100	96900	6010	6010	7.5	8.5	B13D73
Beryllium	7440-41-7	METAL	ug/kg	21	21	100.0			230	713	6010	6010	12.5	14.5	B16528
Bismuth	7440-69-9	METAL	ug/kg	8	6	75.0	330	620	620	37100	6010	6010	8	10.5	B0MJC5
Boron	7440-42-8	METAL	ug/kg	8	8	100.0			950	6300	6010	6010	8	10.5	B0MJC5
Cadmium	7440-43-9	METAL	ug/kg	21	10	47.6	21	390	40	270	6010	6010	5	6	B13D72
Calcium	7440-70-2	METAL	ug/kg	8	8	100.0			3390000	8760000	6010	6010	8	10.5	B0MJC5
Chromium	7440-47-3	METAL	ug/kg	21	21	100.0			4300	21900	6010	6010	12.5	14.5	B16528
Cobalt	7440-48-4	METAL	ug/kg	4	4	100.0			8700	11400	6010	6010	8	10.5	B0MJC5
Copper	7440-50-8	METAL	ug/kg	21	21	100.0			10500	30600	6010	6010	12	13	B15XL0
Hexavalent Chromium	18540-29-9	METAL	ug/kg	17	1	5.9	57	4400	450	450	7196	7196	9.5	10.5	B15XK9
Iron	7439-89-6	METAL	ug/kg	8	8	100.0			20000000	28400000	6010	6010	6	7	B15XM1
Lead	7439-92-1	METAL	ug/kg	21	21	100.0			1300	7500	6010	6010	8	10.5	B0MJC5
Magnesium	7439-95-4	METAL	ug/kg	7	7	100.0			3650000	4930000	6010	6010	6	7	B15XM1
Manganese	7439-96-5	METAL	ug/kg	8	8	100.0			277000	410000	6010	6010	6	7	B15XM1
Mercury	7439-97-6	METAL	ug/kg	21	7	33.3	10	20	23	150	7471	7471	13	15.5	B0MJD1
Molybdenum	7439-98-7	METAL	ug/kg	4	4	100.0			231	550	6010	6010	5	6	B13D72
Nickel	7440-02-0	METAL	ug/kg	21	21	100.0			6000	15000	6010	6010	12.5	14.5	B16528
Potassium	9/7/7440	METAL	ug/kg	8	8	100.0			729000	1740000	6010	6010	5	6	B13D72

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples

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Selenium	7782-49-2	METAL	ug/kg	21	7	33.3	210	420	240	750	6010	6010	7.5	8.5	B13D73
Silver	7440-22-4	METAL	ug/kg	21	3	14.3	60	710	352	860	6010	6010	8	10.5	B0MJC5
Sodium	7440-23-5	METAL	ug/kg	8	8	100.0			120000	671000	6010	6010	10.5	13	B0MJC8
Thallium	7440-28-0	METAL	ug/kg	4	1	25.0	290	590	530	530	6010	6010	6	7	B15XM1
Tin	7440-31-5	METAL	ug/kg	4	0	0.0	3500	4100			6010	6010			
Uranium	7440-61-1	METAL	ug/kg	21	21	100.0			216	2380	KPA	KPA	13	15.5	B0MJD1
Vanadium	7440-62-2	METAL	ug/kg	21	21	100.0			35400	86900	6010	6010	7.5	8.5	B13D82
Zinc	7440-66-6	METAL	ug/kg	21	21	100.0			30600	80800	6010	6010	12	13	B15XL0
Cation Exchange Capacity	CEC	PHYSICAL	mEQ/100g	4	3	75.0	6.27	6.27	7.01	9.27	9080	9080	8	10.5	B0MJC7
Specific Gravity	SPECGVTY	PHYSICAL		4	4	100.0			2.43	2.57	D854	D854	13	15.5	B0MJD3
pH Measurement	PH	PHYSICAL		21	21	100.0			8	9.5	9040	9045	7.5	8.5	B13D82
Americium-241	14596-10-2	RAD	pCi/g	39	3	7.7	0	1.66	0.035	0.589	IX/Plate/AEA	IX/Prec/AEA	8	10.5	B0MJC5
Antimony-125	14234-35-6	RAD	pCi/g	4	0	0.0	0.072	0.12			GEA	GEA			
Barium-133	13981-41-4	RAD	pCi/g	4	0	0.0	0.032	0.055			GEA	GEA			
Carbon-14	14762-75-5	RAD	pCi/g	4	0	0.0	-1.8	-0.58			CombOx/LSC	CombOx/LSC			
Cesium-134	13967-70-9	RAD	pCi/g	4	0	0.0	0.048	0.082			GEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	21	12	57.1	0.008	0.082	0.393	100	GEA	GEA	13	15.5	B0MJD1
Cobalt-60	10198-40-0	RAD	pCi/g	21	0	0.0	-0.008	0.1			GEA	GEA			
Curium-242	15510-73-3	RAD	pCi/g	8	0	0.0	-0.042	0.027			IX/Prec/AEA	IX/Plate/AEA			
Curium-243/244	CM-243/244	RAD	pCi/g	3	0	0.0	-0.034	0			IX/Plate/AEA	IX/Plate/AEA			
Curium-244	13981-15-2	RAD	pCi/g	4	0	0.0	-0.033	0.433			IX/Prec/AEA	IX/Prec/AEA			
Europium-152	14683-23-9	RAD	pCi/g	21	0	0.0	-0.097	0.24			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	21	2	9.5	-0.055	0.3	0.774	1.29	GEA	GEA	8	10.5	B0MJC5
Europium-155	14391-16-3	RAD	pCi/g	21	0	0.0	0	0.987			GEA	GEA			
Gross alpha	12587-46-1	RAD	pCi/g	21	11	52.4	1.12	4.68	3.97	12.1	900	900	8	10.5	B0MJC5
Gross beta	12587-47-2	RAD	pCi/g	21	21	100.0			10.2	13900	D854	D854	13	15.5	B0MJD1
Iodine-129	15046-84-1	RAD	pCi/g	4	0	0.0	-0.338	0.688			9040	9045			
Neptunium-237	13994-20-2	RAD	pCi/g	21	3	14.3	-0.009	0.256	0.03	0.054	LX/Plate/AEA	LX/Plate/AEA	9.5	10.5	B15XM3
Plutonium-238	13981-16-3	RAD	pCi/g	21	0	0.0	-0.121	0.431			Sep/Plate/AEA	Sep/Plate/AEA			
Plutonium-239/240	PU-239/240	RAD	pCi/g	21	1	4.8	-0.059	0.348	4.97	4.97	Sep/Plate/AEA	Sep/Plate/AEA	13	15.5	B0MJD1
Plutonium-241	14119-32-5	RAD	pCi/g	4	0	0.0	-0.235	61.6			IX/LSC	IX/LSC			
Potassium-40	13966-00-2	RAD	pCi/g	19	19	100.0			7.34	15	GEA	GEA	4	6.5	B0MJC2
Radium-224	13233-32-4	RAD	pCi/g	4	4	100.0			0.626	0.91	GEA	GEA	4	6.5	B0MJC2
Radium-226	13982-63-3	RAD	pCi/g	19	16	84.2	0.18	0.431	0.333	0.762	GEA	GEA	4	6.5	B0MJC2
Radium-228	15262-20-1	RAD	pCi/g	21	19	90.5	0.47	0.71	0.487	0.917	GEA	GEA	4	6.5	B0MJC2
Selenium-79	15758-45-9	RAD	pCi/g	4	0	0.0	-23.7	-0.442			IX/LSC	IX/LSC			
Sodium-22	13966-32-0	RAD	pCi/g	4	0	0.0	0.038	0.05			GEA	GEA			
Strontium-90	10098-97-2	RAD	pCi/g	4	3	75.0	0.11	0.11	86.7	4710	Sep/GPC	Sep/GPC	13	15.5	B0MJD1
Technetium-99	14133-76-7	RAD	pCi/g	4	0	0.0	-28.2	0.193			IX/LSC	IX/LSC			
Thorium-228	14274-82-9	RAD	pCi/g	36	30	83.3	0.11	2.17	0.293	0.975	IX/Plate/AEA	IX/Prec/AEA	7	8	B15XM2
Thorium-230	14269-63-7	RAD	pCi/g	21	15	71.4	-0.045	0.321	0.298	2.67	IX/Prec/AEA	IX/Plate/AEA	8	10.5	B0MJC5
Thorium-232	TH-232	RAD	pCi/g	36	31	86.1	0	1.14	0.335	0.888	IX/Prec/AEA	IX/Prec/AEA	10.5	13	B0MJC8

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Tin-126	15832-50-5	RAD	pCi/g	4	0	0.0	0.048	0.1			GEA	GEA			
Total beta radiostrontium	SR-RAD	RAD	pCi/g	17	15	88.2	-0.147	-0.022	0.26	29.5	Sep/GPC	Sep/GPC	7.5	8.5	B13D82
Uranium-233/234	U-233/234	RAD	pCi/g	1	1	100.0			0.36	0.36	Sep/Plate/AEA	Sep/Plate/AEA	5	6	B13D72
Uranium-234	13966-29-5	RAD	pCi/g	3	2	66.7	0.388	0.388	0.533	0.748	Sep/Plate/AEA	Sep/Plate/AEA	7.5	8.5	B13D82
Uranium-235	15117-96-1	RAD	pCi/g	19	0	0.0	-0.148	0.34			Sep/Plate/AEA	GEA			
Uranium-238	U-238	RAD	pCi/g	20	4	20.0	1.81	10	0.36	0.93	Sep/Plate/AEA	GEA	7.5	8.5	B13D82
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	19	0	0.0	330	1800			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	19	0	0.0	850	1900			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	19	0	0.0	850	1900			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			

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Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	19	0	0.0	340	1900			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	19	0	0.0	850	1900			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	19	0	0.0	850	1900			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	19	0	0.0	850	1900			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	19	0	0.0	850	1900			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Acenaphthylene	208-96-8	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	20	1	5.0	39	730	21	21	8270	8270	8	9.5	B15XJ7
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Carbazole	86-74-8	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Chrysene	218-01-9	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	19	1	5.3	330	730	52	52	8270	8270	13	15.5	B0MJD1
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Dibenzofuran	132-64-9	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Dimethyl phthalate	131-11-3	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Fluoranthene	206-44-0	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Fluorene	86-73-7	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Hexachlorobenzene	118-74-1	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Hexachlorocyclopentadiene	77-47-4	SVOA	ug/kg	19	0	0.0	340	1900			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Isophorone	78-59-1	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Naphthalene	91-20-3	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Pentachlorophenol	87-86-5	SVOA	ug/kg	19	0	0.0	850	910300			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Phenol	108-95-2	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
Tributyl phosphate	126-73-8	SVOA	ug/kg	20	0	0.0	340	770			8270	8270			
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples

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n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	19	0	0.0	330	730			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	20	0	0.0	0.47	6			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	20	0	0.0	0.47	6			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	20	0	0.0	0.46	6			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	20	0	0.0	0.4	6			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	20	0	0.0	1.4	6			8260	8260			
1-2-Dichloroethane	107-06-2	VOA	ug/kg	20	0	0.0	0.46	6			8260	8260			
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	20	0	0.0	0.88	6			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	20	0	0.0	0.22	6			8260	8260			
1-Butanol	71-36-3	VOA	ug/kg	3	0	0.0	210	240			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	17	0	0.0	5300	52000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	20	0	0.0	7.1	24			8260	8260			
2-Ethyl-1-hexanol	104-76-7	VOA	ug/kg	1	1	100.0			6	6	8260	8260	13	15.5	B0MJD1
2-Hexanone	591-78-6	VOA	ug/kg	20	0	0.0	1.8	24			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	20	0	0.0	1.3	24			8260	8260			
Acetone	67-64-1	VOA	ug/kg	20	8	40.0	10	24	2	66	8260	8260	5	6	B13D72
Benzene	71-43-2	VOA	ug/kg	20	1	5.0	0.39	6	8	8	8260	8260	5	6	B13D72
Bromodichloromethane	75-27-4	VOA	ug/kg	20	0	0.0	0.48	6			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	20	0	0.0	0.66	6			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	20	0	0.0	0.64	12			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	20	0	0.0	0.49	6			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	20	0	0.0	0.69	6			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	20	0	0.0	0.36	6			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	20	0	0.0	2.3	12			8260	8260			
Chloroform	67-66-3	VOA	ug/kg	20	0	0.0	0.26	6			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	20	0	0.0	0.82	12			8260	8260			

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples															
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Dibromochloromethane	124-48-1	VOA	ug/kg	20	0	0.0	0.4	6			8260	8260			
Diethyl ether	60-29-7	VOA	ug/kg	3	0	0.0	10	12			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	17	0	0.0	5300	27000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	20	0	0.0	0.95	6			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	20	14	70.0	5	10	1	27	8260	8260	9.5	10.5	B15XM4
Styrene	100-42-5	VOA	ug/kg	20	0	0.0	0.39	6			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	20	0	0.0	0.38	6			8260	8260			
Toluene	108-88-3	VOA	ug/kg	20	2	10.0	0.57	6	1.78	3	8260	8260	7	8	B15XM2
Trichloroethene	79-01-6	VOA	ug/kg	20	0	0.0	0.33	6			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	20	0	0.0	0.84	12			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	20	0	0.0	1.1	6			8260	8260			
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	20	0	0.0	0.55	6			8260	8260			
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	20	0	0.0	0.33	6			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	21	4	19.0	146	6230	648	9990	350.1	350.3	15	17	B16530
Chloride	16887-00-6	WETCHEM	ug/kg	17	17	100.0			1600	17900	300	300	5	6	B13D72
Cyanide	57-12-5	WETCHEM	ug/kg	20	0	0.0	130	588			9010	9010			
Fluoride	16984-48-8	WETCHEM	ug/kg	17	2	11.8	1280	5500	690	760	300	300	7.5	8.5	B13D82
Hydrazine	302-01-2	WETCHEM	ug/kg	2	0	0.0	1100	1100			D1385	D1385			
Nitrate	14797-55-8	WETCHEM	ug/kg	21	21	100.0			3800	833000	300	300	5	6	B13D72
Nitrite	14797-65-0	WETCHEM	ug/kg	21	2	9.5	69	2730	821	1250	300	300	4	6.5	B0MJC2
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	21	21	100.0			1320	230000	353.2	353.2	5	6	B13D72
Phosphate	14265-44-2	WETCHEM	ug/kg	17	10	58.8	830	1300	1390	6400	300	300	7	8	B15XM2
Sulfate	14808-79-8	WETCHEM	ug/kg	21	21	100.0			4000	76200	300	300	5	6	B13D72
Sulfide	18496-25-8	WETCHEM	ug/kg	17	1	5.9	7300	43400	43800	43800	9030	9030	11	12	B15XJ8
216-S-10D															
Aroclor-1016	12674-11-2	GENORG	ug/kg	14	0	0.0	13	370			8082	8082			
Aroclor-1221	11104-28-2	GENORG	ug/kg	14	0	0.0	13	740			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	14	0	0.0	13	370			8082	8082			
Aroclor-1242	53469-21-9	GENORG	ug/kg	14	0	0.0	13	370			8082	8082			
Aroclor-1248	12672-29-6	GENORG	ug/kg	14	0	0.0	13	370			8082	8082			
Aroclor-1254	11097-69-1	GENORG	ug/kg	14	2	14.3	7.5	170	1100	3700	8082	8082	0	1.5	B15Y85
Aroclor-1260	11096-82-5	GENORG	ug/kg	14	0	0.0	7.5	370			8082	8082			

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Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	14	1	7.1	1400	13000	31000	31000	WDOE TPH	WDOE TPH	0	1.5	B15Y85
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	14	0	0.0	12300	26000			WDOE TPH	WDOE TPH			
Aluminum	7429-90-5	METAL	ug/kg	3	3	100.0			5920000	10800000	6010	6010	0	1.5	B15Y85
Arsenic	7440-38-2	METAL	ug/kg	14	14	100.0			2400	5500	6010	6010	8.5	9.5	B15YB6
Barium	7440-39-3	METAL	ug/kg	14	14	100.0			68500	120000	6010	6010	3	4	B160N2
Beryllium	7440-41-7	METAL	ug/kg	14	14	100.0			110	500	6010	6010	6.5	9	B16547
Bismuth	7440-69-9	METAL	ug/kg	3	1	33.3	580	580	2000	2000	6010	6010	0	1.5	B15Y85
Boron	7440-42-8	METAL	ug/kg	3	3	100.0			780	1500	6010	6010	6	7	B15Y84
Cadmium	7440-43-9	METAL	ug/kg	14	11	78.6	30	280	40	480	6010	6010	0	1.5	B15Y85
Calcium	7440-70-2	METAL	ug/kg	3	3	100.0			2690000	3880000	6010	6010	3	4	B160N2
Chromium	7440-47-3	METAL	ug/kg	14	14	100.0			4300	815000	6010	6010	0	1.5	B15Y85
Copper	7440-50-8	METAL	ug/kg	14	14	100.0			12800	244000	6010	6010	0	1.5	B15Y85
Hexavalent Chromium	18540-29-9	METAL	ug/kg	14	3	21.4	57	435	1090	14100	7196	7196	1.5	3	B15YB0
Iron	7439-89-6	METAL	ug/kg	3	3	100.0			24100000	28800000	6010	6010	0	1.5	B15Y85
Lead	7439-92-1	METAL	ug/kg	14	14	100.0			2600	30000	6010	6010	0	1.5	B15Y85
Magnesium	7439-95-4	METAL	ug/kg	3	3	100.0			3810000	4370000	6010	6010	3	4	B160N2
Manganese	7439-96-5	METAL	ug/kg	3	3	100.0			237000	451000	6010	6010	3	4	B160N2
Mercury	7439-97-6	METAL	ug/kg	14	7	50.0	10	30	30	4300	7471	7471	0	1.5	B15Y85
Molybdenum	7439-98-7	METAL	ug/kg	3	3	100.0			270	880	6010	6010	0	1.5	B15Y85
Nickel	7440-02-0	METAL	ug/kg	14	14	100.0			6600	20300	6010	6010	0	1.5	B15Y85
Potassium	9/7/7440	METAL	ug/kg	3	3	100.0			673000	856000	6010	6010	3	4	B160N2
Selenium	7782-49-2	METAL	ug/kg	14	2	14.3	340	400	220	440	6010	6010	8.5	9.5	B15YF8
Silver	7440-22-4	METAL	ug/kg	14	6	42.9	80	650	140	30400	6010	6010	0	1.5	B15Y85
Sodium	7440-23-5	METAL	ug/kg	3	3	100.0			129000	176000	6010	6010	0	1.5	B15Y85
Thallium	7440-28-0	METAL	ug/kg	3	3	100.0			590	990	6010	6010	0	1.5	B15Y85
Uranium	7440-61-1	METAL	ug/kg	14	14	100.0			36	1490	KPA	KPA	8.5	9.5	B15YF9
Vanadium	7440-62-2	METAL	ug/kg	14	14	100.0			61000	87500	6010	6010	8.5	9.5	B15YF8
Zinc	7440-66-6	METAL	ug/kg	14	14	100.0			44800	506000	6010	6010	0	1.5	B15Y85
pH Measurement	PH	PHYSICAL		14	14	100.0			6	9.4	9045	9045	6.5	9	B16547
Americium-241	14596-10-2	RAD	pCi/g	28	3	10.7	-0.058	1.1	0.253	1.84	IX/Plate/AEA	GEA	6.5	9	B16547
Antimony-125	14234-35-6	RAD	pCi/g	3	0	0.0	0.077	0.17			GEA	GEA			
Barium-133	13981-41-4	RAD	pCi/g	3	0	0.0	0.029	0.06			GEA	GEA			
Carbon-14	14762-75-5	RAD	pCi/g	3	0	0.0	0.76	1.48			CombOx/LSC	CombOx/LSC			
Cesium-134	13967-70-9	RAD	pCi/g	3	0	0.0	0.044	0.066			GEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	14	5	35.7	0.007	0.047	0.046	9.13	GEA	GEA	0	1.5	B15Y85

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Cobalt-60	10198-40-0	RAD	pCi/g	14	0	0.0	0.009	0.051			GEA	GEA			
Curium-242	15510-73-3	RAD	pCi/g	3	0	0.0	0.013	0.026			IX/Plate/AEA	IX/Plate/AEA			
Curium-243/244	CM-243/244	RAD	pCi/g	3	0	0.0	0	0.02			IX/Plate/AEA	IX/Plate/AEA			
Europium-152	14683-23-9	RAD	pCi/g	14	0	0.0	-0.014	0.16			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	14	0	0.0	0.018	0.16			GEA	GEA			
Europium-155	14391-16-3	RAD	pCi/g	14	0	0.0	0.015	0.16			GEA	GEA			
Gross alpha	12587-46-1	RAD	pCi/g	14	6	42.9	0.292	4.16	4.22	13.6	900	900	6.5	9	B16547
Gross beta	12587-47-2	RAD	pCi/g	14	14	100.0			8.89	30.4	900	9310	8.5	9.5	B15YF9
Neptunium-237	13994-20-2	RAD	pCi/g	14	0	0.0	0	0.046			LX/Plate/AEA	LX/Plate/AEA			
Plutonium-238	13981-16-3	RAD	pCi/g	14	0	0.0	0	0.144			Sep/Plate/AEA	Sep/Plate/AEA			
Plutonium-239/240	PU-239/240	RAD	pCi/g	14	3	21.4	0	0.142	0.223	5.33	Sep/Plate/AEA	Sep/Plate/AEA	6.5	9	B16547
Potassium-40	13966-00-2	RAD	pCi/g	13	13	100.0			8.56	13.3	GEA	GEA	8	9	B15YB2
Radium-226	13982-63-3	RAD	pCi/g	13	13	100.0			0.259	0.603	GEA	GEA	8	9	B15YB2
Radium-228	15262-20-1	RAD	pCi/g	14	14	100.0			0.421	0.939	GEA	GEA	8	9	B15YB2
Sodium-22	13966-32-0	RAD	pCi/g	3	0	0.0	0.04	0.057			GEA	GEA			
Thorium-228	14274-82-9	RAD	pCi/g	27	23	85.2	0.078	0.426	0.216	0.903	IX/Plate/AEA	IX/Plate/AEA	8	9	B15YB2
Thorium-230	14269-63-7	RAD	pCi/g	14	13	92.9	0.462	0.462	0.324	1.34	IX/Plate/AEA	IX/Plate/AEA	6.5	9	B16547
Thorium-232	TH-232	RAD	pCi/g	27	25	92.6	0.077	0.258	0.208	0.939	IX/Plate/AEA	IX/Plate/AEA	8	9	B15YB2
Tin-126	15832-50-5	RAD	pCi/g	3	0	0.0	0.086	0.12			GEA	GEA			
Total beta radiostrontium	SR-RAD	RAD	pCi/g	14	2	14.3	-0.049	0.21	0.318	0.462	Sep/GPC	Sep/GPC	3	4	B160N2
Uranium-234	13966-29-5	RAD	pCi/g	1	1	100.0			0.524	0.524	IX/Plate/AEA	IX/Plate/AEA	8.5	9.5	B15YF9
Uranium-235	15117-96-1	RAD	pCi/g	14	0	0.0	0.005	0.22			IX/Plate/AEA	GEA			
Uranium-238	U-238	RAD	pCi/g	14	1	7.1	2.7	5.9	0.536	0.536	GEA	GEA	8.5	9.5	B15YF9
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	13	0	0.0	860	1800			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	13	0	0.0	860	1800			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	13	0	0.0	860	1800			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	13	0	0.0	860	1800			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	13	0	0.0	860	1800			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	13	0	0.0	860	1800			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	13	0	0.0	860	1800			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	13	1	7.7	340	360	61	61	8270	8270	0	1.5	B15Y85

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples															
Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Acenaphthylene	208-96-8	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	13	1	7.7	340	360	150	150	8270	8270	0	1.5	B15Y85
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	13	1	7.7	340	360	550	550	8270	8270	0	1.5	B15Y85
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	13	1	7.7	340	360	600	600	8270	8270	0	1.5	B15Y85
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	13	1	7.7	340	360	530	530	8270	8270	0	1.5	B15Y85
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	13	1	7.7	340	360	660	660	8270	8270	0	1.5	B15Y85
Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	13	1	7.7	340	360	450	450	8270	8270	0	1.5	B15Y85
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	13	8	61.5	340	350	20	580	8270	8270	0	1.5	B15Y85
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	13	1	7.7	340	360	580	580	8270	8270	0	1.5	B15Y85
Carbazole	86-74-8	SVOA	ug/kg	13	1	7.7	340	360	97	97	8270	8270	0	1.5	B15Y85
Chrysene	218-01-9	SVOA	ug/kg	13	1	7.7	340	360	680	680	8270	8270	0	1.5	B15Y85
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	13	4	30.8	340	360	18	2300	8270	8270	0	1.5	B15Y85
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	13	1	7.7	340	360	110	110	8270	8270	0	1.5	B15Y85
Dibenzofuran	132-64-9	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Dimethyl phthalate	131-11-3	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Fluoranthene	206-44-0	SVOA	ug/kg	13	1	7.7	340	360	1500	1500	8270	8270	0	1.5	B15Y85
Fluorene	86-73-7	SVOA	ug/kg	13	1	7.7	340	360	59	59	8270	8270	0	1.5	B15Y85
Hexachlorobenzene	118-74-1	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples															
Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Hexachlorocyclopentadiene	77-47-4	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	13	1	7.7	340	360	400	400	8270	8270	0	1.5	B15Y85
Isophorone	78-59-1	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Naphthalene	91-20-3	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Pentachlorophenol	87-86-5	SVOA	ug/kg	13	0	0.0	860	1800			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	13	1	7.7	340	360	930	930	8270	8270	0	1.5	B15Y85
Phenol	108-95-2	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	13	2	15.4	340	360	20	1600	8270	8270	0	1.5	B15Y85
Tributyl phosphate	126-73-8	SVOA	ug/kg	14	0	0.0	340	740			8270	8270			
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	13	0	0.0	340	740			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	14	0	0.0	0.3	6			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	14	0	0.0	0.44	6			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	14	0	0.0	0.66	6			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	14	0	0.0	0.28	6			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	14	0	0.0	0.33	6			8260	8260			
1-2-Dichloroethane	107-06-2	VOA	ug/kg	14	0	0.0	0.27	6			8260	8260			
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	14	0	0.0	0.58	6			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	14	0	0.0	0.23	6			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	14	0	0.0	22000	53000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	14	0	0.0	1.8	12			8260	8260			

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
2-Hexanone	591-78-6	VOA	ug/kg	14	0	0.0	1.8	12			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	14	0	0.0	0.74	12			8260	8260			
Acetone	67-64-1	VOA	ug/kg	14	10	71.4	10	11	3	9	8260	8260	13.5	14.5	B15YB8
Benzene	71-43-2	VOA	ug/kg	14	0	0.0	0.15	6			8260	8260			
Bromodichloromethane	75-27-4	VOA	ug/kg	14	0	0.0	0.15	6			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	14	0	0.0	0.26	6			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	14	0	0.0	1.1	12			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	14	0	0.0	0.34	6			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	14	0	0.0	0.25	6			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	14	0	0.0	0.28	6			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	14	0	0.0	0.57	12			8260	8260			
Chloroform	67-66-3	VOA	ug/kg	14	0	0.0	0.24	6			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	14	0	0.0	1	12			8260	8260			
Dibromochloromethane	124-48-1	VOA	ug/kg	14	0	0.0	0.36	6			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	14	0	0.0	6200	30000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	14	0	0.0	0.78	6			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	14	13	92.9	6	6	2	10	8260	8260	8.5	9.5	B15YF8
Styrene	100-42-5	VOA	ug/kg	14	0	0.0	0.38	6			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	14	0	0.0	1.1	6			8260	8260			
Toluene	108-88-3	VOA	ug/kg	14	0	0.0	0.25	6			8260	8260			
Trichloroethene	79-01-6	VOA	ug/kg	14	0	0.0	0.23	6			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	14	0	0.0	0.84	12			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	14	0	0.0	1	6			8260	8260			
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	14	0	0.0	0.46	6			8260	8260			
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	14	0	0.0	0.84	6			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	14	0	0.0	158	6200			350.1	350.3			
Chloride	16887-00-6	WETCHEM	ug/kg	14	11	78.6	1290	1320	1100	11500	300	300	8	9	B15YB2
Cyanide	57-12-5	WETCHEM	ug/kg	14	0	0.0	130	520			9010	9010			
Fluoride	16984-48-8	WETCHEM	ug/kg	14	1	7.1	1280	1390	700	700	300	300	8.5	9.5	B15YF9
Nitrate	14797-55-8	WETCHEM	ug/kg	14	10	71.4	1290	1360	2140	80600	300	300	0	1.5	B15Y85
Nitrite	14797-65-0	WETCHEM	ug/kg	14	1	7.1	1280	1390	1150	1150	300	300	8.5	9.5	B15YF9

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	14	9	64.3	38	217	484	10600	353.1	353.2	0	1.5	B15Y85
Phosphate	14265-44-2	WETCHEM	ug/kg	14	1	7.1	830	1390	1500	1500	300	300	3	4	B160N2
Sulfate	14808-79-8	WETCHEM	ug/kg	14	12	85.7	1290	1310	1840	199000	300	300	0	1.5	B15Y85
Sulfide	18496-25-8	WETCHEM	ug/kg	14	0	0.0	7400	52100			9030	9030			
216-S-10P															
Aroclor-1016	12674-11-2	GENORG	ug/kg	19	0	0.0	13	36			8082	8082			
Aroclor-1221	11104-28-2	GENORG	ug/kg	19	0	0.0	13	71			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	19	0	0.0	13	36			8082	8082			
Aroclor-1242	53469-21-9	GENORG	ug/kg	19	0	0.0	13	36			8082	8082			
Aroclor-1248	12672-29-6	GENORG	ug/kg	19	0	0.0	13	36			8082	8082			
Aroclor-1254	11097-69-1	GENORG	ug/kg	19	0	0.0	7.5	36			8082	8082			
Aroclor-1260	11096-82-5	GENORG	ug/kg	19	0	0.0	7.5	36			8082	8082			
Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	19	0	0.0	1400	12900			WDOE TPH	WDOE TPH			
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	15	0	0.0	12300	26000			WDOE TPH	WDOE TPH			
Aluminum	7429-90-5	METAL	ug/kg	4	4	100.0			5290000	5870000	6010	6010	6	7	B15YP9
Arsenic	7440-38-2	METAL	ug/kg	19	19	100.0			1900	5600	6010	6010	6.5	7.5	B15YN3
Barium	7440-39-3	METAL	ug/kg	19	19	100.0			63500	103000	6010	6010	14	15	B15YK9
Beryllium	7440-41-7	METAL	ug/kg	19	19	100.0			140	420	6010	6010	4	5	B15YR0
Bismuth	7440-69-9	METAL	ug/kg	4	0	0.0	570	620			6010	6010			
Boron	7440-42-8	METAL	ug/kg	4	4	100.0			540	1000	6010	6010	6	7	B15YP9
Cadmium	7440-43-9	METAL	ug/kg	19	8	42.1	30	280	50	200	6010	6010	9	10	B15YK7
Calcium	7440-70-2	METAL	ug/kg	4	4	100.0			5370000	11100000	6010	6010	4	5	B15YR0
Chromium	7440-47-3	METAL	ug/kg	19	19	100.0			6300	26200	6010	6010	9	10	B15YK7
Copper	7440-50-8	METAL	ug/kg	19	19	100.0			11300	17700	6010	6010	9.5	10.5	B15YL4
Hexavalent Chromium	18540-29-9	METAL	ug/kg	19	10	52.6	56	429	450	2700	7196	7196	7	8	B15YL7
Iron	7439-89-6	METAL	ug/kg	4	4	100.0			24100000	25100000	6010	6010	6	7	B15YP9
Lead	7439-92-1	METAL	ug/kg	19	19	100.0			2200	5400	6010	6010	6	7	B15YP9
Magnesium	7439-95-4	METAL	ug/kg	4	4	100.0			4430000	4780000	6010	6010	4	5	B15YR0
Manganese	7439-96-5	METAL	ug/kg	4	4	100.0			340000	392000	6010	6010	6	7	B15YP9
Mercury	7439-97-6	METAL	ug/kg	19	11	57.9	10	20	20	430	7471	7471	11.5	12.5	B15YK8
Molybdenum	7439-98-7	METAL	ug/kg	4	3	75.0	180	180	200	290	6010	6010	6.5	7.5	B15YL8
Nickel	7440-02-0	METAL	ug/kg	19	19	100.0			6700	12000	6010	6010	6.5	7.5	B15YN3
Potassium	9/7/7440	METAL	ug/kg	4	4	100.0			840000	1230000	6010	6010	6	7	B15YP9

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Selenium	7782-49-2	METAL	ug/kg	19	1	5.3	210	400	460	460	6010	6010	9	10	B15YN4
Silver	7440-22-4	METAL	ug/kg	19	10	52.6	120	150	140	8300	6010	6010	9	10	B15YK7
Sodium	7440-23-5	METAL	ug/kg	4	4	100.0			121000	193000	6010	6010	6.5	7.5	B15YL8
Thallium	7440-28-0	METAL	ug/kg	4	1	25.0	570	580	620	620	6010	6010	4	5	B15YR0
Uranium	7440-61-1	METAL	ug/kg	19	19	100.0			245	2010	KPA	KPA	9.5	10.5	B15YL4
Vanadium	7440-62-2	METAL	ug/kg	19	19	100.0			64400	81700	6010	6010	9.5	10.5	B15YL4
Zinc	7440-66-6	METAL	ug/kg	19	19	100.0			39600	59700	6010	6010	9.5	10.5	B15YL4
pH Measurement	PH	PHYSICAL		19	19	100.0			8.12	9.34	9045	9045	14	15	B15YN6
Americium-241	14596-10-2	RAD	pCi/g	38	2	5.3	-0.081	0.303	0.199	0.395	IX/Plate/AEA	IX/Plate/AEA	11.5	12.5	B15YK8
Antimony-125	14234-35-6	RAD	pCi/g	4	0	0.0	0.04	0.086			GEA	GEA			
Barium-133	13981-41-4	RAD	pCi/g	4	0	0.0	0.017	0.039			GEA	GEA			
Carbon-14	14762-75-5	RAD	pCi/g	4	1	25.0	-0.674	1.03	12.2	12.2	CombOx/LSC	CombOx/LSC	6.5	7.5	B15YL8
Cesium-134	13967-70-9	RAD	pCi/g	4	0	0.0	0.023	0.065			GEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	19	10	52.6	0.021	0.033	0.093	1.77	GEA	GEA	11.5	12.5	B15YK8
Cobalt-60	10198-40-0	RAD	pCi/g	19	0	0.0	-0.006	0.043			GEA	GEA			
Curium-242	15510-73-3	RAD	pCi/g	4	0	0.0	0	0.009			IX/Plate/AEA	IX/Plate/AEA			
Curium-243/244	CM-243/244	RAD	pCi/g	4	0	0.0	-0.032	0			IX/Plate/AEA	IX/Plate/AEA			
Europium-152	14683-23-9	RAD	pCi/g	19	0	0.0	0.028	0.098			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	19	0	0.0	-0.004	0.13			GEA	GEA			
Europium-155	14391-16-3	RAD	pCi/g	19	0	0.0	-0.014	0.12			GEA	GEA			
Gross alpha	12587-46-1	RAD	pCi/g	19	8	42.1	0.742	3.84	3.62	11.2	900	900	9.5	10.5	B15YL4
Gross beta	12587-47-2	RAD	pCi/g	19	18	94.7	6.03	6.03	8.33	24.7	900	900	9.5	10.5	B15YL4
Neptunium-237	13994-20-2	RAD	pCi/g	19	0	0.0	-0.003	0.075			LX/Plate/AEA	LX/Plate/AEA			
Plutonium-238	13981-16-3	RAD	pCi/g	19	0	0.0	-0.026	0.091			Sep/Plate/AEA	Sep/Plate/AEA			
Plutonium-239/240	PU-239/240	RAD	pCi/g	19	6	31.6	0	0.191	0.265	2.33	Sep/Plate/AEA	Sep/Plate/AEA	11.5	12.5	B15YK8
Potassium-40	13966-00-2	RAD	pCi/g	18	18	100.0			10.1	12.8	GEA	GEA	6.5	7.5	B15YL8
Radium-226	13982-63-3	RAD	pCi/g	18	18	100.0			0.323	0.546	GEA	GEA	6	7	B15YP9
Radium-228	15262-20-1	RAD	pCi/g	19	19	100.0			0.45	0.878	GEA	GEA	4	5	B15YR0
Sodium-22	13966-32-0	RAD	pCi/g	4	0	0.0	0.033	0.046			GEA	GEA			
Thorium-228	14274-82-9	RAD	pCi/g	37	26	70.3	0.093	0.314	0.278	1.45	IX/Plate/AEA	IX/Plate/AEA	12	13	B15YJ6
Thorium-230	14269-63-7	RAD	pCi/g	19	15	78.9	0.154	0.298	0.363	1.59	IX/Plate/AEA	IX/Plate/AEA	13.5	14.5	B15YM3
Thorium-232	TH-232	RAD	pCi/g	37	28	75.7	0.055	0.284	0.279	0.878	IX/Plate/AEA	IX/Plate/AEA	4	5	B15YR0
Tin-126	15832-50-5	RAD	pCi/g	4	0	0.0	0.035	0.16			GEA	GEA			
Total beta radiostrontium	SR-RAD	RAD	pCi/g	19	8	42.1	-0.09	0.186	0.366	1.26	Sep/GPC	Sep/GPC	9.5	10.5	B15YL3
Uranium-234	13966-29-5	RAD	pCi/g	1	1	100.0			0.563	0.563	IX/Plate/AEA	IX/Plate/AEA	9.5	10.5	B15YL4
Uranium-235	15117-96-1	RAD	pCi/g	19	0	0.0	0.014	0.16			IX/Plate/AEA	GEA			
Uranium-238	U-238	RAD	pCi/g	19	1	5.3	1.3	4.5	0.568	0.568	GEA	GEA	9.5	10.5	B15YL4
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	18	0	0.0	850	900			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	18	0	0.0	850	900			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	18	0	0.0	850	900			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	18	0	0.0	850	900			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	18	0	0.0	850	900			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples															
Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	18	0	0.0	850	900			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	18	0	0.0	850	900			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Acenaphthylene	208-96-8	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	18	6	33.3	340	360	18	140	8270	8270	4	5	B15YR0
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Carbazole	86-74-8	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Chrysene	218-01-9	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Dibenzofuran	132-64-9	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Dimethyl phthalate	131-11-3	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Fluoranthene	206-44-0	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Fluorene	86-73-7	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Hexachlorobenzene	118-74-1	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Hexachlorocyclopentadiene	77-47-4	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Isophorone	78-59-1	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Naphthalene	91-20-3	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Pentachlorophenol	87-86-5	SVOA	ug/kg	18	0	0.0	850	900			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Phenol	108-95-2	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
Tributyl phosphate	126-73-8	SVOA	ug/kg	19	0	0.0	340	360			8270	8270			
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	18	0	0.0	340	360			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	19	0	0.0	0.29	6			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	19	0	0.0	0.44	6			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	19	0	0.0	0.66	6			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	19	0	0.0	0.28	6			8260	8260			

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
1-1-Dichloroethene	75-35-4	VOA	ug/kg	19	0	0.0	0.32	6			8260	8260			
1-2-Dichloroethane	107-06-2	VOA	ug/kg	19	0	0.0	0.27	6			8260	8260			
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	19	0	0.0	0.57	6			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	19	0	0.0	0.23	6			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	19	0	0.0	21000	52000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	19	0	0.0	1.8	12			8260	8260			
2-Hexanone	591-78-6	VOA	ug/kg	19	0	0.0	1.8	12			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	19	0	0.0	0.73	12			8260	8260			
Acetone	67-64-1	VOA	ug/kg	19	5	26.3	2.5	12	4	26	8260	8260	8.5	9.5	B15YM1
Benzene	71-43-2	VOA	ug/kg	19	0	0.0	0.15	6			8260	8260			
Bromodichloromethane	75-27-4	VOA	ug/kg	19	0	0.0	0.15	6			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	19	0	0.0	0.26	6			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	19	0	0.0	1.1	12			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	19	0	0.0	0.33	6			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	19	0	0.0	0.25	6			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	19	0	0.0	0.28	6			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	19	0	0.0	0.56	12			8260	8260			
Chloroform	67-66-3	VOA	ug/kg	19	0	0.0	0.24	6			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	19	0	0.0	0.99	12			8260	8260			
Dibromochloromethane	124-48-1	VOA	ug/kg	19	0	0.0	0.36	6			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	19	0	0.0	6200	28000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	19	0	0.0	0.77	6			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	19	19	100.0			5	15	8260	8260	9.5	10.5	B15YJ5
Styrene	100-42-5	VOA	ug/kg	19	0	0.0	0.38	6			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	19	0	0.0	1.1	6			8260	8260			
Toluene	108-88-3	VOA	ug/kg	19	1	5.3	5	6	4.2	4.2	8260	8260	9.5	10.5	B15YL4
Trichloroethene	79-01-6	VOA	ug/kg	19	0	0.0	0.23	6			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	19	0	0.0	0.84	12			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	19	1	5.3	1	6	1.388	1.388	8260	8260	6	7	B15YP9
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	19	0	0.0	0.46	6			8260	8260			

200-CS-1 Summary Table for All Constituents in Shallow Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	19	0	0.0	0.84	6			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	19	0	0.0	146	3280			350.1	350.3			
Chloride	16887-00-6	WETCHEM	ug/kg	19	10	52.6	1280	1330	1300	3100	300	300	9.5	10.5	B15YL4
Cyanide	57-12-5	WETCHEM	ug/kg	19	1	5.3	250	534	200	200	9010	335.2	9.5	10.5	B15YL4
Fluoride	16984-48-8	WETCHEM	ug/kg	19	1	5.3	1280	1340	1100	1100	300	300	9.5	10.5	B15YL4
Nitrate	14797-55-8	WETCHEM	ug/kg	19	19	100.0			4230	44800	300	300	6.5	7.5	B15YN3
Nitrite	14797-65-0	WETCHEM	ug/kg	19	1	5.3	1280	1340	1580	1580	300	300	9.5	10.5	B15YL4
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	19	19	100.0			1000	14900	353.2	353.2	6.5	7.5	B15YN3
Phosphate	14265-44-2	WETCHEM	ug/kg	19	6	31.6	830	1340	1700	3800	300	300	11.5	12.5	B15YK8
Sulfate	14808-79-8	WETCHEM	ug/kg	19	19	100.0			2450	11500	300	300	6.5	7.5	B15YN3
Sulfide	18496-25-8	WETCHEM	ug/kg	19	2	10.5	7300	42400	43000	59000	9030	9030	11	12	B15YM2

200-CS-1 Summary Table for Shallow Zone Radionuclides

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
216-A-29															
Actinium-228	14331-83-0	RAD	pCi/g	1	1	100.0			0.429	0.429	GEA	GEA	9	11.5	B16FN6-A
Americium-241	14596-10-2	RAD	pCi/g	55	10	18.2	-0.121	77	0.032	145	IX/Plate/AEA	GEA	4	6.5	B16NF7
Antimony-125	14234-35-6	RAD	pCi/g	5	1	20.0	-0.002	0.16	1.67	1.67	GEA	GEA	4	5	B13CK9
Barium-133	13981-41-4	RAD	pCi/g	4	0	0.0	0.03	0.3			GEA	GEA			
Bismuth-212	14913-49-6	RAD	pCi/g	1	1	100.0			0.282	0.282	GEA	GEA	9	11.5	B16FN6-A
Bismuth-214	14733-03-0	RAD	pCi/g	1	1	100.0			0.392	0.392	GEA	GEA	9	11.5	B16FN6-A
Carbon-14	14762-75-5	RAD	pCi/g	4	0	0.0	-0.983	2.49			CombOx/LSC	CombOx/LSC			
Cerium-144	14762-78-8	RAD	pCi/g	1	0	0.0	-0.041	-0.041			GEA	GEA			
Cesium-134	13967-70-9	RAD	pCi/g	5	0	0.0	0.023	0.097			GEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	32	18	56.3	-0.013	0.047	0.058	98.4	GEA	GEA	4	5	B13CK9
Cobalt-60	10198-40-0	RAD	pCi/g	32	0	0.0	-0.005	0.067			GEA	GEA			
Curium-242	15510-73-3	RAD	pCi/g	4	0	0.0	0	0.31			IX/Plate/AEA	IX/Plate/AEA			
Curium-243/244	CM-243/244	RAD	pCi/g	1	0	0.0	0.258	0.258			IX/Plate/AEA	IX/Plate/AEA			
Europium-152	14683-23-9	RAD	pCi/g	32	0	0.0	-0.022	0.79			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	32	0	0.0	-0.037	0.27			GEA	GEA			
Europium-155	14391-16-3	RAD	pCi/g	32	1	3.1	0.016	0.52	0.05	0.05	GEA	GEA	10	10	B0P722
Gross alpha	12587-46-1	RAD	pCi/g	32	28	87.5	0.56	3.44	3.47	777	GPC	900	4	6.5	B16NF7
Gross beta	12587-47-2	RAD	pCi/g	32	29	90.6	-2.03	6.45	1.2	78.2	900	900	4	5	B13CK9
Lead-212	15092-94-1	RAD	pCi/g	1	1	100.0			0.445	0.445	GEA	GEA	9	11.5	B16FN6-A
Lead-214	15067-28-4	RAD	pCi/g	1	1	100.0			0.432	0.432	GEA	GEA	9	11.5	B16FN6-A
Neptunium-237	13994-20-2	RAD	pCi/g	23	1	4.3	-0.003	1.88	0.124	0.124	LX/Plate/AEA	LX/Plate/AEA	11.5	12.5	B13CL2
Nickel-63	13981-37-8	RAD	pCi/g	1	0	0.0	0.588	0.588			LSC	LSC			
Niobium-94	14681-63-1	RAD	pCi/g	1	0	0.0	-0.001	-0.001			GEA	GEA			
Plutonium-238	13981-16-3	RAD	pCi/g	23	3	13.0	-0.024	0.162	0.056	15.7	IX/Prec/AEA	Sep/Plate/AEA	4	6.5	B16NF7
Plutonium-239/240	PU-239/240	RAD	pCi/g	23	11	47.8	0	0.145	0.026	667	Sep/Plate/AEA	Sep/Plate/AEA	4	6.5	B16NF7
Potassium-40	13966-00-2	RAD	pCi/g	30	30	100.0			6.63	16	GEA	GEA	6	7	B13C81
Radium-226	13982-63-3	RAD	pCi/g	31	31	100.0			0.266	0.895	GEA	GEA	8.5	9.5	B13C77
Radium-228	15262-20-1	RAD	pCi/g	32	32	100.0			0.414	1.11	GEA	GEA	6	7	B13C81
Ruthenium-103	13968-53-1	RAD	pCi/g	1	0	0.0	0.001	0.001			GEA	GEA			
Ruthenium-106	13967-48-1	RAD	pCi/g	1	0	0.0	-0.023	-0.023			GEA	GEA			
Sodium-22	13966-32-0	RAD	pCi/g	4	0	0.0	0.034	0.095			GEA	GEA			
Technetium-99	14133-76-7	RAD	pCi/g	1	0	0.0	0.115	0.115			Sep/GPC	Sep/GPC			
Thallium-208	14913-50-9	RAD	pCi/g	1	1	100.0			0.136	0.136	GEA	GEA	9	11.5	B16FN6-A
Thorium-228	14274-82-9	RAD	pCi/g	52	44	84.6	-0.14	1.38	0.322	1.14	IX/Plate/AEA	IX/Plate/AEA	10	11	B13CR8
Thorium-230	14269-63-7	RAD	pCi/g	22	11	50.0	-0.046	3.22	0.423	1.49	IX/Plate/AEA	IX/Plate/AEA	9	11.5	B16548
Thorium-232	TH-232	RAD	pCi/g	52	48	92.3	0.092	1.84	0.298	1.22	IX/Plate/AEA	IX/Plate/AEA	10	11	B13CR8
Thorium-234	15065-10-8	RAD	pCi/g	1	0	0.0	0.696	0.696			GEA	GEA			
Tin-113	13966-06-8	RAD	pCi/g	1	0	0.0	-0.002	-0.002			GEA	GEA			
Tin-126	15832-50-5	RAD	pCi/g	5	0	0.0	0.058	0.31			GEA	GEA			

200-CS-1 Summary Table for Shallow Zone Radionuclides

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Total beta radiostrontium	SR-RAD	RAD	pCi/g	32	11	34.4	-0.071	0.197	0.272	0.779	Sep/GPC	Sep/GPC	10	11	B13CR8
Tritium	10028-17-8	RAD	pCi/g	1	0	0.0	0.026	0.026			906	906			
Uranium-233/234	U-233/234	RAD	pCi/g	5	5	100.0			0.33	2.31	Sep/Plate/AEA	Sep/Plate/AEA	7.5	8.5	B13CR4
Uranium-234	13966-29-5	RAD	pCi/g	1	1	100.0			0.964	0.964	IX/Plate/AEA	IX/Plate/AEA	10	11	B13CR8
Uranium-235	15117-96-1	RAD	pCi/g	28	3	10.7	0	0.78	0.061	0.439	Sep/Plate/AEA	GEA	4	5	B13CK9
Uranium-238	U-238	RAD	pCi/g	36	6	16.7	1.1	9.4	0.495	1.81	GEA	GEA	7.5	8.5	B13CR3
Zinc-65	13982-39-3	RAD	pCi/g	1	0	0.0	0.041	0.041			GEA	GEA			
216-B-63															
Americium-241	14596-10-2	RAD	pCi/g	39	3	7.7	0	1.66	0.035	0.589	IX/Plate/AEA	IX/Prec/AEA	8	10.5	B0MJC5
Antimony-125	14234-35-6	RAD	pCi/g	4	0	0.0	0.072	0.12			GEA	GEA			
Barium-133	13981-41-4	RAD	pCi/g	4	0	0.0	0.032	0.055			GEA	GEA			
Carbon-14	14762-75-5	RAD	pCi/g	4	0	0.0	-1.8	-0.58			CombOx/LSC	CombOx/LSC			
Cesium-134	13967-70-9	RAD	pCi/g	4	0	0.0	0.048	0.082			GEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	21	12	57.1	0.008	0.082	0.393	100	GEA	GEA	13	15.5	B0MJD1
Cobalt-60	10198-40-0	RAD	pCi/g	21	0	0.0	-0.008	0.1			GEA	GEA			
Curium-242	15510-73-3	RAD	pCi/g	8	0	0.0	-0.042	0.027			IX/Prec/AEA	IX/Plate/AEA			
Curium-243/244	CM-243/244	RAD	pCi/g	3	0	0.0	-0.034	0			IX/Plate/AEA	IX/Plate/AEA			
Curium-244	13981-15-2	RAD	pCi/g	4	0	0.0	-0.033	0.433			IX/Prec/AEA	IX/Prec/AEA			
Europium-152	14683-23-9	RAD	pCi/g	21	0	0.0	-0.097	0.24			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	21	2	9.5	-0.055	0.3	0.774	1.29	GEA	GEA	8	10.5	B0MJC5
Europium-155	14391-16-3	RAD	pCi/g	21	0	0.0	0	0.987			GEA	GEA			
Gross alpha	12587-46-1	RAD	pCi/g	21	11	52.4	1.12	4.68	3.97	12.1	900	900	8	10.5	B0MJC5
Gross beta	12587-47-2	RAD	pCi/g	21	21	100.0			10.2	13900	900	GPC	13	15.5	B0MJD1
Iodine-129	15046-84-1	RAD	pCi/g	4	0	0.0	-0.338	0.688			GEA	GEA			
Neptunium-237	13994-20-2	RAD	pCi/g	21	3	14.3	-0.009	0.256	0.03	0.054	LX/Plate/AEA	LX/Plate/AEA	9.5	10.5	B15XM3
Plutonium-238	13981-16-3	RAD	pCi/g	21	0	0.0	-0.121	0.431			Sep/Plate/AEA	Sep/Plate/AEA			
Plutonium-239/240	PU-239/240	RAD	pCi/g	21	1	4.8	-0.059	0.348	4.97	4.97	Sep/Plate/AEA	Sep/Plate/AEA	13	15.5	B0MJD1
Plutonium-241	14119-32-5	RAD	pCi/g	4	0	0.0	-0.235	61.6			IX/LSC	IX/LSC			
Potassium-40	13966-00-2	RAD	pCi/g	19	19	100.0			7.34	15	GEA	GEA	4	6.5	B0MJC2
Radium-224	13233-32-4	RAD	pCi/g	4	4	100.0			0.626	0.91	GEA	GEA	4	6.5	B0MJC2
Radium-226	13982-63-3	RAD	pCi/g	19	16	84.2	0.18	0.431	0.333	0.762	GEA	GEA	4	6.5	B0MJC2
Radium-228	15262-20-1	RAD	pCi/g	21	19	90.5	0.47	0.71	0.487	0.917	GEA	GEA	4	6.5	B0MJC2
Selenium-79	15758-45-9	RAD	pCi/g	4	0	0.0	-23.7	-0.442			IX/LSC	IX/LSC			
Sodium-22	13966-32-0	RAD	pCi/g	4	0	0.0	0.038	0.05			GEA	GEA			
Strontium-90	10098-97-2	RAD	pCi/g	4	3	75.0	0.11	0.11	86.7	4710	Sep/GPC	Sep/GPC	13	15.5	B0MJD1
Technetium-99	14133-76-7	RAD	pCi/g	4	0	0.0	-28.2	0.193			IX/LSC	IX/LSC			
Thorium-228	14274-82-9	RAD	pCi/g	36	30	83.3	0.11	2.17	0.293	0.975	IX/Plate/AEA	IX/Prec/AEA	7	8	B15XM2
Thorium-230	14269-63-7	RAD	pCi/g	21	15	71.4	-0.045	0.321	0.298	2.67	IX/Prec/AEA	IX/Plate/AEA	8	10.5	B0MJC5
Thorium-232	TH-232	RAD	pCi/g	36	31	86.1	0	1.14	0.335	0.888	IX/Prec/AEA	IX/Prec/AEA	10.5	13	B0MJC8
Tin-126	15832-50-5	RAD	pCi/g	4	0	0.0	0.048	0.1			GEA	GEA			

200-CS-1 Summary Table for Shallow Zone Radionuclides

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Total beta radiostrontium	SR-RAD	RAD	pCi/g	17	15	88.2	-0.147	-0.022	0.26	29.5	Sep/GPC	Sep/GPC	7.5	8.5	B13D82
Uranium-233/234	U-233/234	RAD	pCi/g	1	1	100.0			0.36	0.36	Sep/Plate/AEA	Sep/Plate/AEA	5	6	B13D72
Uranium-234	13966-29-5	RAD	pCi/g	3	2	66.7	0.388	0.388	0.533	0.748	Sep/Plate/AEA	Sep/Plate/AEA	7.5	8.5	B13D82
Uranium-235	15117-96-1	RAD	pCi/g	19	0	0.0	-0.148	0.34			Sep/Plate/AEA	GEA			
Uranium-238	U-238	RAD	pCi/g	20	4	20.0	1.81	10	0.36	0.93	Sep/Plate/AEA	GEA	7.5	8.5	B13D82
216-S-10D															
Americium-241	14596-10-2	RAD	pCi/g	28	3	10.7	-0.058	1.1	0.253	1.84	IX/Plate/AEA	GEA	6.5	9	B16547
Antimony-125	14234-35-6	RAD	pCi/g	3	0	0.0	0.077	0.17			GEA	GEA			
Barium-133	13981-41-4	RAD	pCi/g	3	0	0.0	0.029	0.06			GEA	GEA			
Carbon-14	14762-75-5	RAD	pCi/g	3	0	0.0	0.76	1.48			CombOx/LSC	CombOx/LSC			
Cesium-134	13967-70-9	RAD	pCi/g	3	0	0.0	0.044	0.066			GEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	14	5	35.7	0.007	0.047	0.046	9.13	GEA	GEA	0	1.5	B15Y85
Cobalt-60	10198-40-0	RAD	pCi/g	14	0	0.0	0.009	0.051			GEA	GEA			
Curium-242	15510-73-3	RAD	pCi/g	3	0	0.0	0.013	0.026			IX/Plate/AEA	IX/Plate/AEA			
Curium-243/244	CM-243/244	RAD	pCi/g	3	0	0.0	0	0.02			IX/Plate/AEA	IX/Plate/AEA			
Europium-152	14683-23-9	RAD	pCi/g	14	0	0.0	-0.014	0.16			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	14	0	0.0	0.018	0.16			GEA	GEA			
Europium-155	14391-16-3	RAD	pCi/g	14	0	0.0	0.015	0.16			GEA	GEA			
Gross alpha	12587-46-1	RAD	pCi/g	14	6	42.9	0.292	4.16	4.22	13.6	900	900	6.5	9	B16547
Gross beta	12587-47-2	RAD	pCi/g	14	14	100.0			8.89	30.4	900	9310	8.5	9.5	B15YF9
Neptunium-237	13994-20-2	RAD	pCi/g	14	0	0.0	0	0.046			LX/Plate/AEA	LX/Plate/AEA			
Plutonium-238	13981-16-3	RAD	pCi/g	14	0	0.0	0	0.144			Sep/Plate/AEA	Sep/Plate/AEA			
Plutonium-239/240	PU-239/240	RAD	pCi/g	14	3	21.4	0	0.142	0.223	5.33	Sep/Plate/AEA	Sep/Plate/AEA	6.5	9	B16547
Potassium-40	13966-00-2	RAD	pCi/g	13	13	100.0			8.56	13.3	GEA	GEA	8	9	B15YB2
Radium-226	13982-63-3	RAD	pCi/g	13	13	100.0			0.259	0.603	GEA	GEA	8	9	B15YB2
Radium-228	15262-20-1	RAD	pCi/g	14	14	100.0			0.421	0.939	GEA	GEA	8	9	B15YB2
Sodium-22	13966-32-0	RAD	pCi/g	3	0	0.0	0.04	0.057			GEA	GEA			
Thorium-228	14274-82-9	RAD	pCi/g	27	23	85.2	0.078	0.426	0.216	0.903	IX/Plate/AEA	IX/Plate/AEA	8	9	B15YB2
Thorium-230	14269-63-7	RAD	pCi/g	14	13	92.9	0.462	0.462	0.324	1.34	IX/Plate/AEA	IX/Plate/AEA	6.5	9	B16547
Thorium-232	TH-232	RAD	pCi/g	27	25	92.6	0.077	0.258	0.208	0.939	IX/Plate/AEA	IX/Plate/AEA	8	9	B15YB2
Tin-126	15832-50-5	RAD	pCi/g	3	0	0.0	0.086	0.12			GEA	GEA			
Total beta radiostrontium	SR-RAD	RAD	pCi/g	14	2	14.3	-0.049	0.21	0.318	0.462	Sep/GPC	Sep/GPC	3	4	B160N2
Uranium-234	13966-29-5	RAD	pCi/g	1	1	100.0			0.524	0.524	IX/Plate/AEA	IX/Plate/AEA	8.5	9.5	B15YF9
Uranium-235	15117-96-1	RAD	pCi/g	14	0	0.0	0.005	0.22			IX/Plate/AEA	GEA			
Uranium-238	U-238	RAD	pCi/g	14	1	7.1	2.7	5.9	0.536	0.536	GEA	GEA	8.5	9.5	B15YF9
216-S-10P															
Americium-241	14596-10-2	RAD	pCi/g	38	2	5.3	-0.081	0.303	0.199	0.395	IX/Plate/AEA	IX/Plate/AEA	11.5	12.5	B15YK8
Antimony-125	14234-35-6	RAD	pCi/g	4	0	0.0	0.04	0.086			GEA	GEA			
Barium-133	13981-41-4	RAD	pCi/g	4	0	0.0	0.017	0.039			GEA	GEA			

200-CS-1 Summary Table for Shallow Zone Radionuclides

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Carbon-14	14762-75-5	RAD	pCi/g	4	1	25.0	-0.674	1.03	12.2	12.2	CombOx/LSC	CombOx/LSC	6.5	7.5	B15YL8
Cesium-134	13967-70-9	RAD	pCi/g	4	0	0.0	0.023	0.065			GEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	19	10	52.6	0.021	0.033	0.093	1.77	GEA	GEA	11.5	12.5	B15YK8
Cobalt-60	10198-40-0	RAD	pCi/g	19	0	0.0	-0.006	0.043			GEA	GEA			
Curium-242	15510-73-3	RAD	pCi/g	4	0	0.0	0	0.009			IX/Plate/AEA	IX/Plate/AEA			
Curium-243/244	CM-243/244	RAD	pCi/g	4	0	0.0	-0.032	0			IX/Plate/AEA	IX/Plate/AEA			
Europium-152	14683-23-9	RAD	pCi/g	19	0	0.0	0.028	0.098			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	19	0	0.0	-0.004	0.13			GEA	GEA			
Europium-155	14391-16-3	RAD	pCi/g	19	0	0.0	-0.014	0.12			GEA	GEA			
Gross alpha	12587-46-1	RAD	pCi/g	19	8	42.1	0.742	3.84	3.62	11.2	900	900	9.5	10.5	B15YL4
Gross beta	12587-47-2	RAD	pCi/g	19	18	94.7	6.03	6.03	8.33	24.7	900	900	9.5	10.5	B15YL4
Neptunium-237	13994-20-2	RAD	pCi/g	19	0	0.0	-0.003	0.075			LX/Plate/AEA	LX/Plate/AEA			
Plutonium-238	13981-16-3	RAD	pCi/g	19	0	0.0	-0.026	0.091			Sep/Plate/AEA	Sep/Plate/AEA			
Plutonium-239/240	PU-239/240	RAD	pCi/g	19	6	31.6	0	0.191	0.265	2.33	Sep/Plate/AEA	Sep/Plate/AEA	11.5	12.5	B15YK8
Potassium-40	13966-00-2	RAD	pCi/g	18	18	100.0			10.1	12.8	GEA	GEA	6.5	7.5	B15YL8
Radium-226	13982-63-3	RAD	pCi/g	18	18	100.0			0.323	0.546	GEA	GEA	6	7	B15YP9
Radium-228	15262-20-1	RAD	pCi/g	19	19	100.0			0.45	0.878	GEA	GEA	4	5	B15YR0
Sodium-22	13966-32-0	RAD	pCi/g	4	0	0.0	0.033	0.046			GEA	GEA			
Thorium-228	14274-82-9	RAD	pCi/g	37	26	70.3	0.093	0.314	0.278	1.45	IX/Plate/AEA	IX/Plate/AEA	12	13	B15YJ6
Thorium-230	14269-63-7	RAD	pCi/g	19	15	78.9	0.154	0.298	0.363	1.59	IX/Plate/AEA	IX/Plate/AEA	13.5	14.5	B15YM3
Thorium-232	TH-232	RAD	pCi/g	37	28	75.7	0.055	0.284	0.279	0.878	IX/Plate/AEA	IX/Plate/AEA	4	5	B15YR0
Tin-126	15832-50-5	RAD	pCi/g	4	0	0.0	0.035	0.16			GEA	GEA			
Total beta radiostrontium	SR-RAD	RAD	pCi/g	19	8	42.1	-0.09	0.186	0.366	1.26	Sep/GPC	Sep/GPC	9.5	10.5	B15YL3
Uranium-234	13966-29-5	RAD	pCi/g	1	1	100.0			0.563	0.563	IX/Plate/AEA	IX/Plate/AEA	9.5	10.5	B15YL4
Uranium-235	15117-96-1	RAD	pCi/g	19	0	0.0	0.014	0.16			IX/Plate/AEA	GEA			
Uranium-238	U-238	RAD	pCi/g	19	1	5.3	1.3	4.5	0.568	0.568	GEA	GEA	9.5	10.5	B15YL4

200-CS-1 Summary Table for Shallow Zone Nonradionuclides															
Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
216-A-29															
Aroclor-1016	12674-11-2	GENORG	ug/kg	32	0	0	2.7	2600			8082	8082			
Aroclor-1221	11104-28-2	GENORG	ug/kg	32	0	0	2.7	5100			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	32	0	0	2.7	2600			8082	8082			
Aroclor-1242	53469-21-9	GENORG	ug/kg	32	0	0	2.7	2600			8082	8082			
Aroclor-1248	12672-29-6	GENORG	ug/kg	32	0	0	2.7	2600			8082	8082			
Aroclor-1254	11097-69-1	GENORG	ug/kg	32	2	6.25	6.3	50	2500	9400	8082	8082	4	5	B13CK9
Aroclor-1260	11096-82-5	GENORG	ug/kg	32	0	0	6.3	2600			8082	8082			
Aroclor-1262	37324-23-5	GENORG	ug/kg	1	0	0	34	34			8082	8082			
Aroclor-1268	11100-14-4	GENORG	ug/kg	1	0	0	34	34			8082	8082			
Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	23	0	0	1400	132000			WDOE TPH	WDOE TPH			
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	21	1	4.761904762	4900	26000	440000	440000	WDOE TPH	WDOE TPH	4	6.5	B16NF7
Total petroleum hydrocarbons - motor oil (hi	TPH/OILH	GENORG	ug/kg	2	1	50	14.6	14.6	760000	760000	WDOE TPH	WDOE TPH	4	5	B13CK9
Aluminum	7429-90-5	METAL	ug/kg	4	4	100			5210000	10100000	6010	6010	6	7	B13C81
Antimony	7440-36-0	METAL	ug/kg	1	0	0	1070	1070			6010	6010			
Arsenic	7440-38-2	METAL	ug/kg	32	31	96.875	2420	2420	1600	12200	6010	6010	8.5	9.5	B13C77
Barium	7440-39-3	METAL	ug/kg	32	32	100			52000	118000	6010	6010	6	7	B13C81
Beryllium	7440-41-7	METAL	ug/kg	23	20	86.95652174	10	97	80	626	6010	6010	4	6.5	B16NF7
Bismuth	7440-69-9	METAL	ug/kg	5	1	20	357	9700	766	766	6010	6010	4	6.5	B16NF7
Boron	7440-42-8	METAL	ug/kg	4	4	100			2100	3400	6010	6010	4	5	B13CK9
Cadmium	7440-43-9	METAL	ug/kg	32	26	81.25	30	30	60	28000	6010	6010	4	5	B13CK9
Calcium	7440-70-2	METAL	ug/kg	4	4	100			6830000	24300000	6010	6010	6	7	B13C81
Chromium	7440-47-3	METAL	ug/kg	32	32	100			3000	36800	6010	6010	4	5	B13CK9
Copper	7440-50-8	METAL	ug/kg	23	23	100			7570	172000	6010	6010	4	5	B13CK9
Hexavalent Chromium	18540-29-9	METAL	ug/kg	23	7	30.43478261	57	490	520	8800	7196	7196	7.5	8.5	B13CR4
Iron	7439-89-6	METAL	ug/kg	4	4	100			22900000	26900000	6010	6010	5	6	B13CR9
Lead	7439-92-1	METAL	ug/kg	32	31	96.875	1260	1260	1300	390000	6010	6010	7.5	8.5	B13CR4
Magnesium	7439-95-4	METAL	ug/kg	1	1	100			4310000	4310000	6010	6010	4	6.5	B16NF7
Manganese	7439-96-5	METAL	ug/kg	5	5	100			216000	454000	6010	6010	6	7	B13C81
Mercury	7439-97-6	METAL	ug/kg	31	17	54.83870968	10	20	8.7	5200	7471	7471	4	5	B13CK9
Molybdenum	7439-98-7	METAL	ug/kg	5	4	80	9700	9700	530	3200	6010	6010	4	5	B13CK9
Nickel	7440-02-0	METAL	ug/kg	23	23	100			950	27600	6010	6010	4	5	B13CK9
Potassium	9/7/7440	METAL	ug/kg	4	4	100			990000	2260000	6010	6010	6	7	B13C81
Selenium	7782-49-2	METAL	ug/kg	32	12	37.5	180	420	280	2520	6010	6010	9	11.5	B16FN6-A
Silver	7440-22-4	METAL	ug/kg	32	5	15.625	50	291	1400	42000	6010	6010	4	5	B13CK9
Sodium	7440-23-5	METAL	ug/kg	4	4	100			205000	873000	6010	6010	4	5	B13CK9
Thallium	7440-28-0	METAL	ug/kg	4	1	25	312	410	520	520	6010	6010	6	7	B13C81
Tin	7440-31-5	METAL	ug/kg	1	0	0	9700	9700			6010	6010			
Uranium	7440-61-1	METAL	ug/kg	23	23	100			253	5280	KPA	KPA	7.5	8.5	B13CR4
Vanadium	7440-62-2	METAL	ug/kg	23	23	100			36800	104000	6010	6010	7.5	8.5	B13CR4
Zinc	7440-66-6	METAL	ug/kg	23	23	100			35700	224000	6010	6010	4	5	B13CK9
pH Measurement	PH	PHYSICAL	ug/kg	23	23	100			6.5	9.3	9045	9045	10	11	B13CR8
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	31	0	0	300	2600			8270	8270			

200-CS-1 Summary Table for Shallow Zone Nonradionuclides

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	31	0	0	330	2600			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	30	0	0	850	6400			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	30	0	0	850	6400			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	31	0	0	69	2600			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	31	0	0	150	2600			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	30	0	0	850	6400			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	31	0	0	180	2600			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	30	0	0	850	6400			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	30	0	0	850	6400			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	31	0	0	69	2600			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	30	0	0	850	6400			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	30	0	0	850	6400			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	31	0	0	69	2600			8270	8270			
Acenaphthylene	208-96-8	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	30	2	6.666666667	340	740	34	180	8270	8270	4	5	B13CK9
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	30	2	6.666666667	340	740	22	160	8270	8270	4	5	B13CK9
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	30	2	6.666666667	340	740	37	240	8270	8270	4	5	B13CK9
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	31	8	25.80645161	38	400	19.316	6200	8270	8270	4	5	B13CK9
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	30	2	6.666666667	340	400	121.882	290	8270	8270	4	5	B13CK9
Carbazole	86-74-8	SVOA	ug/kg	30	0	0	340	2600			8270	8270			

200-CS-1 Summary Table for Shallow Zone Nonradionuclides

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Chrysene	218-01-9	SVOA	ug/kg	30	2	6.666666667	340	740	40	210	8270	8270	4	5	B13CK9
Decane	124-18-5	SVOA	ug/kg	1	0	0	250	250			8270	8270			
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	30	4	13.33333333	340	400	25	2740.798	8270	8270	4	5	B13CK9
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Dibenzofuran	132-64-9	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	31	1	3.225806452	340	2600	330	330	8270	8270	9	11.5	B16FN6-A
Dimethyl phthalate	131-11-3	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Fluoranthene	206-44-0	SVOA	ug/kg	30	2	6.666666667	340	740	120	370	8270	8270	4	5	B13CK9
Fluorene	86-73-7	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Hexachlorobenzene	118-74-1	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Hexachlorocyclopentadiene	77-47-4	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Isophorone	78-59-1	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Mesityl oxide	141-79-7	SVOA		1	1	100			390	390	8270	8270	9	11.5	B16FN6-A
Naphthalene	91-20-3	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
Pentachlorophenol	87-86-5	SVOA	ug/kg	31	0	0	310	6400			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	30	2	6.666666667	340	740	150	370	8270	8270	4	5	B13CK9
Phenol	108-95-2	SVOA	ug/kg	31	0	0	100	2600			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	31	2	6.451612903	69	740	99	350	8270	8270	4	5	B13CK9
Tributyl phosphate	126-73-8	SVOA	ug/kg	22	2	9.090909091	69	400	310	543.205	8270	8270	4	6.5	B16NF7
n-Butyl benzenesulfonamide	3622-84-2	SVOA	ug/kg	1	1	100			4400	4400	8270	8270	9	11.5	B16FN6-A
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	31	0	0	69	2600			8270	8270			
n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	30	0	0	340	2600			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	23	0	0	0.46	8			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	23	0	0	0.46	8			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	23	0	0	0.45	8			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	23	0	0	0.4	8			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	23	0	0	1.4	8			8260	8260			
1-2-Dichloroethane	107-06-2	VOA	ug/kg	23	1	4.347826087	0.45	6	13	13	8260	8260	4	5	B13CK9
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	23	0	0	0.87	8			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	23	0	0	0.22	8			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	23	0	0	4800	26000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	23	0	0	1.9	16			8260	8260			
2-Hexanone	591-78-6	VOA	ug/kg	23	0	0	1.7	16			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	23	0	0	1.3	16			8260	8260			
Acetone	67-64-1	VOA	ug/kg	23	6	26.08695652	1.9	16	6	30	8260	8260	7.5	8.5	B13CR3
Benzene	71-43-2	VOA	ug/kg	23	0	0	0.39	8			8260	8260			
Bromodichloromethane	75-27-4	VOA	ug/kg	23	0	0	0.47	8			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	23	0	0	0.65	8			8260	8260			

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Bromomethane	74-83-9	VOA	ug/kg	23	0	0	0.63	16			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	23	0	0	0.48	8			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	23	0	0	0.68	8			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	23	0	0	0.36	8			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	23	0	0	1.9	16			8260	8260			
Chloroform	67-66-3	VOA	ug/kg	23	0	0	0.25	8			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	23	0	0	0.81	16			8260	8260			
Dibromochloromethane	124-48-1	VOA	ug/kg	23	0	0	0.4	8			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	23	0	0	4800	26000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	23	0	0	0.93	8			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	23	18	78.26086957	1.9	6	2	78	8260	8260	4	5	B13CK9
Styrene	100-42-5	VOA	ug/kg	23	0	0	0.39	8			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	23	1	4.347826087	0.38	6	6	6	8260	8260	4	5	B13CK9
Toluene	108-88-3	VOA	ug/kg	23	0	0	0.57	8			8260	8260			
Trichloroethene	79-01-6	VOA	ug/kg	23	0	0	0.32	8			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	23	0	0	0.83	16			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	23	0	0	1.1	8			8260	8260			
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	23	0	0	0.54	8			8260	8260			
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	23	0	0	0.32	8			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	22	5	22.72727273	170	6320	6690	41700	350.1	350.3	4	5	B13CK9
Ammonium ion	14798-03-9	WETCHEM	ug/kg	1	0	0	258	258			300.7_CATIONS_IC	300.7_CATIONS_IC			
Bromide	24959-67-9	WETCHEM	ug/kg	1	0	0	2250	2250			300	300			
Chloride	16887-00-6	WETCHEM	ug/kg	23	21	91.30434783	700	1300	1700	226000	300	300	4	5	B13CK9
Cyanide	57-12-5	WETCHEM	ug/kg	23	0	0	130	720			9010	9010			
Fluoride	16984-48-8	WETCHEM	ug/kg	23	2	8.695652174	1300	19200	730	5260	300	300	9	11.5	B16FN6-A
Hydrazine	302-01-2	WETCHEM	ug/kg	16	0	0	1000	1500			D1385	D1385			
Nitrate	14797-55-8	WETCHEM	ug/kg	23	22	95.65217391	1290	1290	1800	927000	300	300	4	5	B13CK9
Nitrite	14797-65-0	WETCHEM	ug/kg	23	0	0	69	9620			300	300			
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	23	22	95.65217391	190	190	850	210000	353.2	353.2	4	5	B13CK9
Phosphate	14265-44-2	WETCHEM	ug/kg	23	0	0	370	9600			300	300			
Sulfate	14808-79-8	WETCHEM	ug/kg	23	22	95.65217391	1300	1300	6100	2970000	300	300	4	5	B13CK9
Sulfide	18496-25-8	WETCHEM	ug/kg	23	0	0	7000	61200			9030	9030			
216-B-63															
Aroclor-1016	12674-11-2	GENORG	ug/kg	18	0	0	2.7	36			8082	8082			
Aroclor-1221	11104-28-2	GENORG	ug/kg	18	0	0	2.7	73			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	18	0	0	2.7	36			8082	8082			
Aroclor-1242	53469-21-9	GENORG	ug/kg	18	0	0	2.7	36			8082	8082			
Aroclor-1248	12672-29-6	GENORG	ug/kg	18	0	0	2.7	36			8082	8082			
Aroclor-1254	11097-69-1	GENORG	ug/kg	18	1	5.555555556	6.4	36	77	77	8082	8082	10	13	B16FW5
Aroclor-1260	11096-82-5	GENORG	ug/kg	21	3	14.28571429	6.4	36	150	9200	8082	8082	8	10.5	B0MJC5
Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	17	0	0	1400	13100			WDOE TPH	WDOE TPH			

200-CS-1 Summary Table for Shallow Zone Nonradionuclides

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Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	17	0	0	12200	27000			WDOE TPH	WDOE TPH			
Aluminum	7429-90-5	METAL	ug/kg	8	8	100			4640000	7090000	6010	6010	10.5	13	B0MJC8
Antimony	7440-36-0	METAL	ug/kg	4	1	25	4500	5000	5000	5000	6010	6010	4	6.5	B0MJC2
Arsenic	7440-38-2	METAL	ug/kg	21	21	100			1600	5100	6010	6010	15	17	B16530
Barium	7440-39-3	METAL	ug/kg	21	21	100			46100	96900	6010	6010	7.5	8.5	B13D73
Beryllium	7440-41-7	METAL	ug/kg	21	21	100			230	713	6010	6010	12.5	14.5	B16528
Bismuth	7440-69-9	METAL	ug/kg	8	6	75	330	620	620	37100	6010	6010	8	10.5	B0MJC5
Boron	7440-42-8	METAL	ug/kg	8	8	100			950	6300	6010	6010	8	10.5	B0MJC5
Cadmium	7440-43-9	METAL	ug/kg	21	10	47.61904762	21	390	40	270	6010	6010	5	6	B13D72
Calcium	7440-70-2	METAL	ug/kg	8	8	100			3390000	8760000	6010	6010	8	10.5	B0MJC5
Chromium	7440-47-3	METAL	ug/kg	21	21	100			4300	21900	6010	6010	12.5	14.5	B16528
Cobalt	7440-48-4	METAL	ug/kg	4	4	100			8700	11400	6010	6010	8	10.5	B0MJC5
Copper	7440-50-8	METAL	ug/kg	21	21	100			10500	30600	6010	6010	12	13	B15XL0
Hexavalent Chromium	18540-29-9	METAL	ug/kg	17	1	5.882352941	57	4400	450	450	7196	7196	9.5	10.5	B15XK9
Iron	7439-89-6	METAL	ug/kg	8	8	100			20000000	28400000	6010	6010	6	7	B15XM1
Lead	7439-92-1	METAL	ug/kg	21	21	100			1300	7500	6010	6010	8	10.5	B0MJC5
Magnesium	7439-95-4	METAL	ug/kg	7	7	100			3650000	4930000	6010	6010	6	7	B15XM1
Manganese	7439-96-5	METAL	ug/kg	8	8	100			277000	410000	6010	6010	6	7	B15XM1
Mercury	7439-97-6	METAL	ug/kg	21	7	33.33333333	10	20	23	150	7471	7471	13	15.5	B0MJD1
Molybdenum	7439-98-7	METAL	ug/kg	4	4	100			231	550	6010	6010	5	6	B13D72
Nickel	7440-02-0	METAL	ug/kg	21	21	100			6000	15000	6010	6010	12.5	14.5	B16528
Potassium	9/7/7440	METAL	ug/kg	8	8	100			729000	1740000	6010	6010	5	6	B13D72
Selenium	7782-49-2	METAL	ug/kg	21	7	33.33333333	210	420	240	750	6010	6010	7.5	8.5	B13D73
Silver	7440-22-4	METAL	ug/kg	21	3	14.28571429	60	710	352	860	6010	6010	8	10.5	B0MJC5
Sodium	7440-23-5	METAL	ug/kg	8	8	100			120000	671000	6010	6010	10.5	13	B0MJC8
Thallium	7440-28-0	METAL	ug/kg	4	1	25	290	590	530	530	6010	6010	6	7	B15XM1
Tin	7440-31-5	METAL	ug/kg	4	0	0	3500	4100			6010	6010			
Uranium	7440-61-1	METAL	ug/kg	21	21	100			216	2380	KPA	KPA	13	15.5	B0MJD1
Vanadium	7440-62-2	METAL	ug/kg	21	21	100			35400	86900	6010	6010	7.5	8.5	B13D82
Zinc	7440-66-6	METAL	ug/kg	21	21	100			30600	80800	6010	6010	12	13	B15XL0
Cation Exchange Capacity	CEC	PHYSICAL	mEQ/100g	4	3	75	6.27	6.27	7.01	9.27	9080	9080	8	10.5	B0MJC7
Specific Gravity	SPECGVTY	PHYSICAL		4	4	100			2.43	2.57	D854	D854	13	15.5	B0MJD3
pH Measurement	PH	PHYSICAL		21	21	100			8	9.5	9040	9045	7.5	8.5	B13D82
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	19	0	0	330	730			8270	8270			
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	19	0	0	330	730			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	19	0	0	330	730			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	19	0	0	330	730			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	19	0	0	330	1800			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	19	0	0	330	730			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	19	0	0	330	730			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	19	0	0	330	730			8270	8270			
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	19	0	0	850	1900			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	19	0	0	330	730			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	19	0	0	330	730			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	19	0	0	330	730			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	19	0	0	330	730			8270	8270			

200-CS-1 Summary Table for Shallow Zone Nonradionuclides

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	19	0	0	330	730			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	19	0	0	330	730			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	19	0	0	850	1900			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	19	0	0	330	730			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	19	0	0	340	1900			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	19	0	0	850	1900			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	19	0	0	850	1900			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	19	0	0	330	730			8270	8270			
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	19	0	0	330	730			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	19	0	0	330	730			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	19	0	0	330	730			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	19	0	0	330	730			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	19	0	0	850	1900			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	19	0	0	850	1900			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Acenaphthylene	208-96-8	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	20	1	5	39	730	21	21	8270	8270	8	9.5	B15XJ7
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Carbazole	86-74-8	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Chrysene	218-01-9	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	19	1	5.263157895	330	730	52	52	8270	8270	13	15.5	B0MJD1
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Dibenzofuran	132-64-9	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Dimethyl phthalate	131-11-3	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Fluoranthene	206-44-0	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Fluorene	86-73-7	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Hexachlorobenzene	118-74-1	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	19	0	0	330	730			8270	8270			

200-CS-1 Summary Table for Shallow Zone Nonradionuclides

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Hexachlorocyclopentadiene	77-47-4	SVOA	ug/kg	19	0	0	340	1900			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Isophorone	78-59-1	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Naphthalene	91-20-3	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Pentachlorophenol	87-86-5	SVOA	ug/kg	19	0	0	850	910300			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Phenol	108-95-2	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	19	0	0	330	730			8270	8270			
Tributyl phosphate	126-73-8	SVOA	ug/kg	20	0	0	340	770			8270	8270			
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	19	0	0	330	730			8270	8270			
n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	19	0	0	330	730			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	20	0	0	0.47	6			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	20	0	0	0.47	6			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	20	0	0	0.46	6			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	20	0	0	0.4	6			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	20	0	0	1.4	6			8260	8260			
1-2-Dichloroethane	107-06-2	VOA	ug/kg	20	0	0	0.46	6			8260	8260			
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	20	0	0	0.88	6			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	20	0	0	0.22	6			8260	8260			
1-Butanol	71-36-3	VOA	ug/kg	3	0	0	210	240			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	17	0	0	5300	52000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	20	0	0	7.1	24			8260	8260			
2-Ethyl-1-hexanol	104-76-7	VOA		1	1	100			6	6	8260	8260	13	15.5	B0MJD1
2-Hexanone	591-78-6	VOA	ug/kg	20	0	0	1.8	24			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	20	0	0	1.3	24			8260	8260			
Acetone	67-64-1	VOA	ug/kg	20	8	40	10	24	2	66	8260	8260	5	6	B13D72
Benzene	71-43-2	VOA	ug/kg	20	1	5	0.39	6	8	8	8260	8260	5	6	B13D72
Bromodichloromethane	75-27-4	VOA	ug/kg	20	0	0	0.48	6			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	20	0	0	0.66	6			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	20	0	0	0.64	12			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	20	0	0	0.49	6			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	20	0	0	0.69	6			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	20	0	0	0.36	6			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	20	0	0	2.3	12			8260	8260			
Chloroform	67-66-3	VOA	ug/kg	20	0	0	0.26	6			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	20	0	0	0.82	12			8260	8260			
Dibromochloromethane	124-48-1	VOA	ug/kg	20	0	0	0.4	6			8260	8260			
Diethyl ether	60-29-7	VOA	ug/kg	3	0	0	10	12			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	17	0	0	5300	27000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	20	0	0	0.95	6			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	20	14	70	5	10	1	27	8260	8260	9.5	10.5	B15XM4
Styrene	100-42-5	VOA	ug/kg	20	0	0	0.39	6			8260	8260			

200-CS-1 Summary Table for Shallow Zone Nonradionuclides															
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Tetrachloroethene	127-18-4	VOA	ug/kg	20	0	0	0.38	6			8260	8260			
Toluene	108-88-3	VOA	ug/kg	20	2	10	0.57	6	1.78	3	8260	8260	7	8	B15XM2
Trichloroethene	79-01-6	VOA	ug/kg	20	0	0	0.33	6			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	20	0	0	0.84	12			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	20	0	0	1.1	6			8260	8260			
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	20	0	0	0.55	6			8260	8260			
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	20	0	0	0.33	6			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	21	4	19.04761905	146	6230	648	9990	350.1	350.3	15	17	B16530
Chloride	16887-00-6	WETCHEM		17	17	100			1600	17900	300	300	5	6	B13D72
Cyanide	57-12-5	WETCHEM	ug/kg	20	0	0	130	588			9010	9010			
Fluoride	16984-48-8	WETCHEM	ug/kg	17	2	11.76470588	1280	5500	690	760	300	300	7.5	8.5	B13D82
Hydrazine	302-01-2	WETCHEM	ug/kg	2	0	0	1100	1100			D1385	D1385			
Nitrate	14797-55-8	WETCHEM	ug/kg	21	21	100			3800	833000	300	300	5	6	B13D72
Nitrite	14797-65-0	WETCHEM	ug/kg	21	2	9.523809524	69	2730	821	1250	300	300	4	6.5	B0MJC2
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	21	21	100			1320	230000	353.2	353.2	5	6	B13D72
Phosphate	14265-44-2	WETCHEM	ug/kg	17	10	58.82352941	830	1300	1390	6400	300	300	7	8	B15XM2
Sulfate	14808-79-8	WETCHEM	ug/kg	21	21	100			4000	76200	300	300	5	6	B13D72
Sulfide	18496-25-8	WETCHEM	ug/kg	17	1	5.882352941	7300	43400	43800	43800	9030	9030	11	12	B15XJ8
216-S-10D															
Aroclor-1016	12674-11-2	GENORG	ug/kg	14	0	0	13	370			8082	8082			
Aroclor-1221	11104-28-2	GENORG	ug/kg	14	0	0	13	740			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	14	0	0	13	370			8082	8082			
Aroclor-1242	53469-21-9	GENORG	ug/kg	14	0	0	13	370			8082	8082			
Aroclor-1248	12672-29-6	GENORG	ug/kg	14	0	0	13	370			8082	8082			
Aroclor-1254	11097-69-1	GENORG	ug/kg	14	2	14.28571429	7.5	170	1100	3700	8082	8082	0	1.5	B15Y85
Aroclor-1260	11096-82-5	GENORG	ug/kg	14	0	0	7.5	370			8082	8082			
Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	14	1	7.142857143	1400	13000	31000	31000	WDOE TPH	WDOE TPH	0	1.5	B15Y85
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	14	0	0	12300	26000			WDOE TPH	WDOE TPH			
Aluminum	7429-90-5	METAL	ug/kg	3	3	100			5920000	10800000	6010	6010	0	1.5	B15Y85
Arsenic	7440-38-2	METAL	ug/kg	14	14	100			2400	5500	6010	6010	8.5	9.5	B15YB6
Barium	7440-39-3	METAL	ug/kg	14	14	100			68500	120000	6010	6010	3	4	B160N2
Beryllium	7440-41-7	METAL	ug/kg	14	14	100			110	500	6010	6010	6.5	9	B16547
Bismuth	7440-69-9	METAL	ug/kg	3	1	33.33333333	580	580	2000	2000	6010	6010	0	1.5	B15Y85
Boron	7440-42-8	METAL	ug/kg	3	3	100			780	1500	6010	6010	6	7	B15Y84
Cadmium	7440-43-9	METAL	ug/kg	14	11	78.57142857	30	280	40	480	6010	6010	0	1.5	B15Y85
Calcium	7440-70-2	METAL	ug/kg	3	3	100			2690000	3880000	6010	6010	3	4	B160N2
Chromium	7440-47-3	METAL	ug/kg	14	14	100			4300	815000	6010	6010	0	1.5	B15Y85
Copper	7440-50-8	METAL	ug/kg	14	14	100			12800	244000	6010	6010	0	1.5	B15Y85
Hexavalent Chromium	18540-29-9	METAL	ug/kg	14	3	21.42857143	57	435	1090	14100	7196	7196	1.5	3	B15YB0
Iron	7439-89-6	METAL	ug/kg	3	3	100			24100000	28800000	6010	6010	0	1.5	B15Y85
Lead	7439-92-1	METAL	ug/kg	14	14	100			2600	30000	6010	6010	0	1.5	B15Y85
Magnesium	7439-95-4	METAL	ug/kg	3	3	100			3810000	4370000	6010	6010	3	4	B160N2

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Manganese	7439-96-5	METAL	ug/kg	3	3	100			237000	451000	6010	6010	3	4	B160N2
Mercury	7439-97-6	METAL	ug/kg	14	7	50	10	30	30	4300	7471	7471	0	1.5	B15Y85
Molybdenum	7439-98-7	METAL	ug/kg	3	3	100			270	880	6010	6010	0	1.5	B15Y85
Nickel	7440-02-0	METAL	ug/kg	14	14	100			6600	20300	6010	6010	0	1.5	B15Y85
Potassium	9/7/7440	METAL	ug/kg	3	3	100			673000	856000	6010	6010	3	4	B160N2
Selenium	7782-49-2	METAL	ug/kg	14	2	14.28571429	340	400	220	440	6010	6010	8.5	9.5	B15YF8
Silver	7440-22-4	METAL	ug/kg	14	6	42.85714286	80	650	140	30400	6010	6010	0	1.5	B15Y85
Sodium	7440-23-5	METAL	ug/kg	3	3	100			129000	176000	6010	6010	0	1.5	B15Y85
Thallium	7440-28-0	METAL	ug/kg	3	3	100			590	990	6010	6010	0	1.5	B15Y85
Uranium	7440-61-1	METAL	ug/kg	14	14	100			36	1490	KPA	KPA	8.5	9.5	B15YF9
Vanadium	7440-62-2	METAL	ug/kg	14	14	100			61000	87500	6010	6010	8.5	9.5	B15YF8
Zinc	7440-66-6	METAL	ug/kg	14	14	100			44800	506000	6010	6010	0	1.5	B15Y85
pH Measurement	PH	PHYSICAL	ug/kg	14	14	100			6	9.4	9045	9045	6.5	9	B16547
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	13	0	0	340	740			8270	8270			
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	13	0	0	340	740			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	13	0	0	340	740			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	13	0	0	340	740			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	13	0	0	860	1800			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	13	0	0	340	740			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	13	0	0	340	740			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	13	0	0	340	740			8270	8270			
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	13	0	0	860	1800			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	13	0	0	340	740			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	13	0	0	340	740			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	13	0	0	340	740			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	13	0	0	340	740			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	13	0	0	340	740			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	13	0	0	340	740			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	13	0	0	860	1800			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	13	0	0	340	740			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	13	0	0	340	740			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	13	0	0	860	1800			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	13	0	0	860	1800			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	13	0	0	340	740			8270	8270			
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	13	0	0	340	740			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	13	0	0	340	740			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	13	0	0	340	740			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	13	0	0	340	740			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	13	0	0	860	1800			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	13	0	0	860	1800			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	13	1	7.692307692	340	360	61	61	8270	8270	0	1.5	B15Y85
Acenaphthylene	208-96-8	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	13	1	7.692307692	340	360	150	150	8270	8270	0	1.5	B15Y85

200-CS-1 Summary Table for Shallow Zone Nonradionuclides

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	13	1	7.692307692	340	360	550	550	8270	8270	0	1.5	B15Y85
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	13	1	7.692307692	340	360	600	600	8270	8270	0	1.5	B15Y85
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	13	1	7.692307692	340	360	530	530	8270	8270	0	1.5	B15Y85
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	13	1	7.692307692	340	360	660	660	8270	8270	0	1.5	B15Y85
Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	13	1	7.692307692	340	360	450	450	8270	8270	0	1.5	B15Y85
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	13	8	61.53846154	340	350	20	580	8270	8270	0	1.5	B15Y85
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	13	1	7.692307692	340	360	580	580	8270	8270	0	1.5	B15Y85
Carbazole	86-74-8	SVOA	ug/kg	13	1	7.692307692	340	360	97	97	8270	8270	0	1.5	B15Y85
Chrysene	218-01-9	SVOA	ug/kg	13	1	7.692307692	340	360	680	680	8270	8270	0	1.5	B15Y85
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	13	4	30.76923077	340	360	18	2300	8270	8270	0	1.5	B15Y85
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	13	1	7.692307692	340	360	110	110	8270	8270	0	1.5	B15Y85
Dibenzofuran	132-64-9	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Dimethyl phthalate	131-11-3	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Fluoranthene	206-44-0	SVOA	ug/kg	13	1	7.692307692	340	360	1500	1500	8270	8270	0	1.5	B15Y85
Fluorene	86-73-7	SVOA	ug/kg	13	1	7.692307692	340	360	59	59	8270	8270	0	1.5	B15Y85
Hexachlorobenzene	118-74-1	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Hexachlorocyclopentadiene	77-47-4	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	13	1	7.692307692	340	360	400	400	8270	8270	0	1.5	B15Y85
Isophorone	78-59-1	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Naphthalene	91-20-3	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Pentachlorophenol	87-86-5	SVOA	ug/kg	13	0	0	860	1800			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	13	1	7.692307692	340	360	930	930	8270	8270	0	1.5	B15Y85
Phenol	108-95-2	SVOA	ug/kg	13	0	0	340	740			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	13	2	15.38461538	340	360	20	1600	8270	8270	0	1.5	B15Y85
Tributyl phosphate	126-73-8	SVOA	ug/kg	14	0	0	340	740			8270	8270			
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	13	0	0	340	740			8270	8270			
n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	13	0	0	340	740			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	14	0	0	0.3	6			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	14	0	0	0.44	6			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	14	0	0	0.66	6			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	14	0	0	0.28	6			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	14	0	0	0.33	6			8260	8260			
1-2-Dichloroethane	107-06-2	VOA	ug/kg	14	0	0	0.27	6			8260	8260			

200-CS-1 Summary Table for Shallow Zone Nonradionuclides															
Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	14	0	0	0.58	6			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	14	0	0	0.23	6			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	14	0	0	22000	53000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	14	0	0	1.8	12			8260	8260			
2-Hexanone	591-78-6	VOA	ug/kg	14	0	0	1.8	12			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	14	0	0	0.74	12			8260	8260			
Acetone	67-64-1	VOA	ug/kg	14	10	71.42857143	10	11	3	9	8260	8260	13.5	14.5	B15YB8
Benzene	71-43-2	VOA	ug/kg	14	0	0	0.15	6			8260	8260			
Bromodichloromethane	75-27-4	VOA	ug/kg	14	0	0	0.15	6			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	14	0	0	0.26	6			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	14	0	0	1.1	12			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	14	0	0	0.34	6			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	14	0	0	0.25	6			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	14	0	0	0.28	6			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	14	0	0	0.57	12			8260	8260			
Chloroform	67-66-3	VOA	ug/kg	14	0	0	0.24	6			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	14	0	0	1	12			8260	8260			
Dibromochloromethane	124-48-1	VOA	ug/kg	14	0	0	0.36	6			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	14	0	0	6200	30000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	14	0	0	0.78	6			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	14	13	92.85714286	6	6	2	10	8260	8260	8.5	9.5	B15YF8
Styrene	100-42-5	VOA	ug/kg	14	0	0	0.38	6			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	14	0	0	1.1	6			8260	8260			
Toluene	108-88-3	VOA	ug/kg	14	0	0	0.25	6			8260	8260			
Trichloroethene	79-01-6	VOA	ug/kg	14	0	0	0.23	6			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	14	0	0	0.84	12			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	14	0	0	1	6			8260	8260			
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	14	0	0	0.46	6			8260	8260			
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	14	0	0	0.84	6			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	14	0	0	158	6200			350.1	350.3			
Chloride	16887-00-6	WETCHEM	ug/kg	14	11	78.57142857	1290	1320	1100	11500	300	300	8	9	B15YB2
Cyanide	57-12-5	WETCHEM	ug/kg	14	0	0	130	520			9010	9010			
Fluoride	16984-48-8	WETCHEM	ug/kg	14	1	7.142857143	1280	1390	700	700	300	300	8.5	9.5	B15YF9
Nitrate	14797-55-8	WETCHEM	ug/kg	14	10	71.42857143	1290	1360	2140	80600	300	300	0	1.5	B15Y85
Nitrite	14797-65-0	WETCHEM	ug/kg	14	1	7.142857143	1280	1390	1150	1150	300	300	8.5	9.5	B15YF9
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	14	9	64.28571429	38	217	484	10600	353.1	353.2	0	1.5	B15Y85
Phosphate	14265-44-2	WETCHEM	ug/kg	14	1	7.142857143	830	1390	1500	1500	300	300	3	4	B160N2
Sulfate	14808-79-8	WETCHEM	ug/kg	14	12	85.71428571	1290	1310	1840	199000	300	300	0	1.5	B15Y85
Sulfide	18496-25-8	WETCHEM	ug/kg	14	0	0	7400	52100			9030	9030			
216-S-10P															
Aroclor-1016	12674-11-2	GENORG	ug/kg	19	0	0	13	36			8082	8082			
Aroclor-1221	11104-28-2	GENORG	ug/kg	19	0	0	13	71			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	19	0	0	13	36			8082	8082			
Aroclor-1242	53469-21-9	GENORG	ug/kg	19	0	0	13	36			8082	8082			
Aroclor-1248	12672-29-6	GENORG	ug/kg	19	0	0	13	36			8082	8082			

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Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Aroclor-1254	11097-69-1	GENORG	ug/kg	19	0	0	7.5	36			8082	8082			
Aroclor-1260	11096-82-5	GENORG	ug/kg	19	0	0	7.5	36			8082	8082			
Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	19	0	0	1400	12900			WDOE TPH	WDOE TPH			
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	15	0	0	12300	26000			WDOE TPH	WDOE TPH			
Aluminum	7429-90-5	METAL	ug/kg	4	4	100			5290000	5870000	6010	6010	6	7	B15YP9
Arsenic	7440-38-2	METAL	ug/kg	19	19	100			1900	5600	6010	6010	6.5	7.5	B15YN3
Barium	7440-39-3	METAL	ug/kg	19	19	100			63500	103000	6010	6010	14	15	B15YK9
Beryllium	7440-41-7	METAL	ug/kg	19	19	100			140	420	6010	6010	4	5	B15YR0
Bismuth	7440-69-9	METAL	ug/kg	4	0	0	570	620			6010	6010			
Boron	7440-42-8	METAL	ug/kg	4	4	100			540	1000	6010	6010	6	7	B15YP9
Cadmium	7440-43-9	METAL	ug/kg	19	8	42.10526316	30	280	50	200	6010	6010	9	10	B15YK7
Calcium	7440-70-2	METAL	ug/kg	4	4	100			5370000	11100000	6010	6010	4	5	B15YR0
Chromium	7440-47-3	METAL	ug/kg	19	19	100			6300	26200	6010	6010	9	10	B15YK7
Copper	7440-50-8	METAL	ug/kg	19	19	100			11300	17700	6010	6010	9.5	10.5	B15YL4
Hexavalent Chromium	18540-29-9	METAL	ug/kg	19	10	52.63157895	56	429	450	2700	7196	7196	7	8	B15YL7
Iron	7439-89-6	METAL	ug/kg	4	4	100			24100000	25100000	6010	6010	6	7	B15YP9
Lead	7439-92-1	METAL	ug/kg	19	19	100			2200	5400	6010	6010	6	7	B15YP9
Magnesium	7439-95-4	METAL	ug/kg	4	4	100			4430000	4780000	6010	6010	4	5	B15YR0
Manganese	7439-96-5	METAL	ug/kg	4	4	100			340000	392000	6010	6010	6	7	B15YP9
Mercury	7439-97-6	METAL	ug/kg	19	11	57.89473684	10	20	20	430	7471	7471	11.5	12.5	B15YK8
Molybdenum	7439-98-7	METAL	ug/kg	4	3	75	180	180	200	290	6010	6010	6.5	7.5	B15YL8
Nickel	7440-02-0	METAL	ug/kg	19	19	100			6700	12000	6010	6010	6.5	7.5	B15YN3
Potassium	9/7/7440	METAL	ug/kg	4	4	100			840000	1230000	6010	6010	6	7	B15YP9
Selenium	7782-49-2	METAL	ug/kg	19	1	5.263157895	210	400	460	460	6010	6010	9	10	B15YN4
Silver	7440-22-4	METAL	ug/kg	19	10	52.63157895	120	150	140	8300	6010	6010	9	10	B15YK7
Sodium	7440-23-5	METAL	ug/kg	4	4	100			121000	193000	6010	6010	6.5	7.5	B15YL8
Thallium	7440-28-0	METAL	ug/kg	4	1	25	570	580	620	620	6010	6010	4	5	B15YR0
Uranium	7440-61-1	METAL	ug/kg	19	19	100			245	2010	KPA	KPA	9.5	10.5	B15YL4
Vanadium	7440-62-2	METAL	ug/kg	19	19	100			64400	81700	6010	6010	9.5	10.5	B15YL4
Zinc	7440-66-6	METAL	ug/kg	19	19	100			39600	59700	6010	6010	9.5	10.5	B15YL4
pH Measurement	PH	PHYSICAL	ug/kg	19	19	100			8.12	9.34	9045	9045	14	15	B15YN6
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	18	0	0	340	360			8270	8270			
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	18	0	0	340	360			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	18	0	0	340	360			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	18	0	0	340	360			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	18	0	0	850	900			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	18	0	0	340	360			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	18	0	0	340	360			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	18	0	0	340	360			8270	8270			
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	18	0	0	850	900			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	18	0	0	340	360			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	18	0	0	340	360			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	18	0	0	340	360			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	18	0	0	340	360			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	18	0	0	340	360			8270	8270			

200-CS-1 Summary Table for Shallow Zone Nonradionuclides

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2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	18	0	0	340	360			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	18	0	0	850	900			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	18	0	0	340	360			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	18	0	0	340	360			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	18	0	0	850	900			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	18	0	0	850	900			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	18	0	0	340	360			8270	8270			
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	18	0	0	340	360			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	18	0	0	340	360			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	18	0	0	340	360			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	18	0	0	340	360			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	18	0	0	850	900			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	18	0	0	850	900			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Acenaphthylene	208-96-8	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	18	6	33.33333333	340	360	18	140	8270	8270	4	5	B15YR0
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Carbazole	86-74-8	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Chrysene	218-01-9	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Dibenzofuran	132-64-9	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Dimethyl phthalate	131-11-3	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Fluoranthene	206-44-0	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Fluorene	86-73-7	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Hexachlorobenzene	118-74-1	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Hexachlorocyclopentadiene	77-47-4	SVOA	ug/kg	18	0	0	340	360			8270	8270			

200-CS-1 Summary Table for Shallow Zone Nonradionuclides

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Hexachloroethane	67-72-1	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Isophorone	78-59-1	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Naphthalene	91-20-3	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Pentachlorophenol	87-86-5	SVOA	ug/kg	18	0	0	850	900			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Phenol	108-95-2	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	18	0	0	340	360			8270	8270			
Tributyl phosphate	126-73-8	SVOA	ug/kg	19	0	0	340	360			8270	8270			
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	18	0	0	340	360			8270	8270			
n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	18	0	0	340	360			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	19	0	0	0.29	6			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	19	0	0	0.44	6			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	19	0	0	0.66	6			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	19	0	0	0.28	6			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	19	0	0	0.32	6			8260	8260			
1-2-Dichloroethane	107-06-2	VOA	ug/kg	19	0	0	0.27	6			8260	8260			
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	19	0	0	0.57	6			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	19	0	0	0.23	6			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	19	0	0	21000	52000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	19	0	0	1.8	12			8260	8260			
2-Hexanone	591-78-6	VOA	ug/kg	19	0	0	1.8	12			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	19	0	0	0.73	12			8260	8260			
Acetone	67-64-1	VOA	ug/kg	19	5	26.31578947	2.5	12	4	26	8260	8260	8.5	9.5	B15YM1
Benzene	71-43-2	VOA	ug/kg	19	0	0	0.15	6			8260	8260			
Bromodichloromethane	75-27-4	VOA	ug/kg	19	0	0	0.15	6			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	19	0	0	0.26	6			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	19	0	0	1.1	12			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	19	0	0	0.33	6			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	19	0	0	0.25	6			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	19	0	0	0.28	6			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	19	0	0	0.56	12			8260	8260			
Chloroform	67-66-3	VOA	ug/kg	19	0	0	0.24	6			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	19	0	0	0.99	12			8260	8260			
Dibromochloromethane	124-48-1	VOA	ug/kg	19	0	0	0.36	6			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	19	0	0	6200	28000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	19	0	0	0.77	6			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	19	19	100			5	15	8260	8260	9.5	10.5	B15YJ5
Styrene	100-42-5	VOA	ug/kg	19	0	0	0.38	6			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	19	0	0	1.1	6			8260	8260			
Toluene	108-88-3	VOA	ug/kg	19	1	5.263157895	5	6	4.2	4.2	8260	8260	9.5	10.5	B15YL4
Trichloroethene	79-01-6	VOA	ug/kg	19	0	0	0.23	6			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	19	0	0	0.84	12			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	19	1	5.263157895	1	6	1.388	1.388	8260	8260	6	7	B15YP9

200-CS-1 Summary Table for Shallow Zone Nonradionuclides

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	19	0	0	0.46	6			8260	8260			
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	19	0	0	0.84	6			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	19	0	0	146	3280			350.1	350.3			
Chloride	16887-00-6	WETCHEM	ug/kg	19	10	52.63157895	1280	1330	1300	3100	300	300	9.5	10.5	B15YL4
Cyanide	57-12-5	WETCHEM	ug/kg	19	1	5.263157895	250	534	200	200	9010	335.2	9.5	10.5	B15YL4
Fluoride	16984-48-8	WETCHEM	ug/kg	19	1	5.263157895	1280	1340	1100	1100	300	300	9.5	10.5	B15YL4
Nitrate	14797-55-8	WETCHEM	ug/kg	19	19	100			4230	44800	300	300	6.5	7.5	B15YN3
Nitrite	14797-65-0	WETCHEM	ug/kg	19	1	5.263157895	1280	1340	1580	1580	300	300	9.5	10.5	B15YL4
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	19	19	100			1000	14900	353.2	353.2	6.5	7.5	B15YN3
Phosphate	14265-44-2	WETCHEM	ug/kg	19	6	31.57894737	830	1340	1700	3800	300	300	11.5	12.5	B15YK8
Sulfate	14808-79-8	WETCHEM	ug/kg	19	19	100			2450	11500	300	300	6.5	7.5	B15YN3
Sulfide	18496-25-8	WETCHEM	ug/kg	19	2	10.52631579	7300	42400	43000	59000	9030	9030	11	12	B15YM2

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
216-A-29															
Aroclor-1016	12674-11-2	GENORG	ug/kg	10	0	0	34	41			8080_PESTPCB_GC	8082			
Aroclor-1221	11104-28-2	GENORG	ug/kg	10	0	0	69	83			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	10	0	0	34	41			8080_PESTPCB_GC	8082			
Aroclor-1242	53469-21-9	GENORG	ug/kg	10	0	0	34	41			8080_PESTPCB_GC	8082			
Aroclor-1248	12672-29-6	GENORG	ug/kg	10	0	0	34	41			8080_PESTPCB_GC	8082			
Aroclor-1254	11097-69-1	GENORG	ug/kg	10	0	0	34	50			8080_PESTPCB_GC	8082			
Aroclor-1260	11096-82-5	GENORG	ug/kg	10	0	0	34	41			8080_PESTPCB_GC	8082			
Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	9	0	0	12400	14900			WDOE TPH	WDOE TPH			
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	9	0	0	12400	14900			WDOE TPH	WDOE TPH			
Arsenic	7440-38-2	METAL	ug/kg	10	10	100			1500	7200	6010	6010	16	16	B0P726
Barium	7440-39-3	METAL	ug/kg	10	10	100			59900	166000	6010	6010	259.9	261.9	B16FV6
Beryllium	7440-41-7	METAL	ug/kg	9	9	100			240	680	6010	6010	24.5	27	B16552
Cadmium	7440-43-9	METAL	ug/kg	10	8	80	40	450	10	320	6010	6010	16	16	B0P726
Chromium	7440-47-3	METAL	ug/kg	10	10	100			3500	36400	6010	6010	259.9	261.9	B16FV6
Copper	7440-50-8	METAL	ug/kg	9	9	100			8300	27300	6010	6010	259.9	261.9	B16FV6
Hexavalent Chromium	18540-29-9	METAL	ug/kg	9	0	0	410	500			7196	7196			
Lead	7439-92-1	METAL	ug/kg	10	10	100			1700	10500	6010	6010	259.9	261.9	B16FV6
Mercury	7439-97-6	METAL	ug/kg	7	1	14.28571429	20	30	40	40	7471	7471	259.9	261.9	B16FV6
Nickel	7440-02-0	METAL	ug/kg	9	9	100			5300	32300	6010	6010	259.9	261.9	B16FV6
Selenium	7782-49-2	METAL	ug/kg	10	2	20	170	450	640	680	6010	6010	16	16	B0P726
Silver	7440-22-4	METAL	ug/kg	10	0	0	50	900			6010	6010			
Uranium	7440-61-1	METAL	ug/kg	9	9	100			320	1250	KPA	KPA	16	17	B13C80
Vanadium	7440-62-2	METAL	ug/kg	9	9	100			31700	94200	6010	6010	24.5	27	B16552
Zinc	7440-66-6	METAL	ug/kg	9	9	100			30600	76900	6010	6010	259.9	261.9	B16FV6
pH Measurement	PH	PHYSICAL		9	9	100			8.8	9.5	9045	9045	150	152	B16FV4
Americium-241	14596-10-2	RAD	pCi/g	19	0	0	-0.135	0.32			IX/Plate/AEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	10	0	0	0.011	0.083			GEA	GEA			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Cobalt-60	10198-40-0	RAD	pCi/g	10	0	0	0.013	0.097			GEA	GEA			
Europium-152	14683-23-9	RAD	pCi/g	10	0	0	0.027	0.19			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	10	0	0	0.04	0.26			GEA	GEA			
Europium-155	14391-16-3	RAD	pCi/g	10	0	0	0.048	0.2			GEA	GEA			
Gross alpha	12587-46-1	RAD	pCi/g	10	8	80	0.6	4.08	4.51	8.18	900	900	259.9	261.9	B16FV6
Gross beta	12587-47-2	RAD	pCi/g	10	9	90	4.79	4.79	9.15	23.6	900	900	259.9	261.9	B16FV6
Neptunium-237	13994-20-2	RAD	pCi/g	9	0	0	-0.031	0.038			LX/Plate/AEA	LX/Plate/AEA			
Nickel-63	13981-37-8	RAD	pCi/g	8	0	0	-0.437	0.458			LSC	LSC			
Plutonium-238	13981-16-3	RAD	pCi/g	9	0	0	-0.049	0.022			Sep/Plate/AEA	Sep/Plate/AEA			
Plutonium-239/240	PU-239/240	RAD	pCi/g	9	0	0	0	0.052			Sep/Plate/AEA	Sep/Plate/AEA			
Potassium-40	13966-00-2	RAD	pCi/g	10	10	100			7.66	13.9	GEA	GEA	259.9	261.9	B16FV6
Radium-226	13982-63-3	RAD	pCi/g	10	9	90	0.38	0.38	0.191	0.514	GEA	GEA	259.9	261.9	B16FV6
Radium-228	15262-20-1	RAD	pCi/g	10	10	100			0.344	1.04	GEA	GEA	259.9	261.9	B16FV6
Technetium-99	14133-76-7	RAD	pCi/g	8	0	0	-0.019	0.462			Sep/GPC	Sep/GPC			
Thorium-228	14274-82-9	RAD	pCi/g	19	16	84.21052632	0.264	0.535	0.294	0.948	IX/Plate/AEA	IX/Plate/AEA	100	102	B16555
Thorium-230	14269-63-7	RAD	pCi/g	9	6	66.66666667	0.194	0.263	0.381	1.6	IX/Plate/AEA	IX/Plate/AEA	50	52.5	B16553
Thorium-232	TH-232	RAD	pCi/g	19	16	84.21052632	0.146	0.456	0.344	1.07	IX/Plate/AEA	IX/Plate/AEA	150	152	B16FV4
Total beta radiostrontium	SR-RAD	RAD	pCi/g	10	1	10	-0.096	0.102	0.27	0.27	Sep/GPC	Sep/GPC	16	16	B0P726
Tritium	10028-17-8	RAD	pCi/g	8	3	37.5	-0.032	0.144	0.221	7.05	906	906	259.9	261.9	B16FV6
Uranium-235	15117-96-1	RAD	pCi/g	9	0	0	0.048	0.27			GEA	GEA			
Uranium-238	U-238	RAD	pCi/g	10	0	0	1.4	10			GEA	GEA			
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	10	0	0	860	1000			8270	8270			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
2-Nitrophenol	88-75-5	SVOA	ug/kg	10	0	0	340	410			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	10	0	0	340	410			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	10	0	0	340	410			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Acenaphthylene	208-96-8	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	10	1	10	340	410	52	52	8270	8270	16	16	B0P726
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Carbazole	86-74-8	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Chrysene	218-01-9	SVOA	ug/kg	10	0	0	340	410			8270	8270			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Dibenzofuran	132-64-9	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Dimethyl phthalate	131-11-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Fluoranthene	206-44-0	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Fluorene	86-73-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Hexachlorobenzene	118-74-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Hexachlorocyclopentadiene	77-47-4	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Isophorone	78-59-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Naphthalene	91-20-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Pentachlorophenol	87-86-5	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Phenol	108-95-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Tributyl phosphate	126-73-8	SVOA	ug/kg	9	0	0	340	410			8270	8270			
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
n-Nitrosodi-phenylamine	86-30-6	SVOA	ug/kg	10	0	0	340	410			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-2-Dichloroethane	107-06-2	VOA	ug/kg	9	0	0	5	6			8260	8260			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	9	0	0	5000	30000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	9	1	11.11111111	9	12	2	2	8260	8260	271.9	273.9	B16FV7
2-Hexanone	591-78-6	VOA	ug/kg	9	0	0	9	12			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	9	0	0	9	12			8260	8260			
Acetone	67-64-1	VOA	ug/kg	9	2	22.22222222	9	12	8	14	8260	8260	199.9	201.9	B16FV5
Benzene	71-43-2	VOA	ug/kg	9	0	0	5	6			8260	8260			
Bromodichloromethane	75-27-4	VOA	ug/kg	9	0	0	5	6			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	9	0	0	5	6			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	9	0	0	9	12			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	9	0	0	5	6			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	9	0	0	5	6			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	9	0	0	5	6			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	9	0	0	9	12			8260	8260			
Chloroform	67-66-3	VOA	ug/kg	9	0	0	5	6			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	9	0	0	9	12			8260	8260			
Dibromochloromethane	124-48-1	VOA	ug/kg	9	0	0	5	6			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	9	0	0	5000	30000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	9	0	0	5	6			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	9	6	66.66666667	5	6	2	36	8260	8260	259.9	261.9	B16FV6
Styrene	100-42-5	VOA	ug/kg	9	0	0	5	6			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	9	0	0	5	6			8260	8260			
Toluene	108-88-3	VOA	ug/kg	9	1	11.11111111	5	6	1	1	8260	8260	259.9	261.9	B16FV6
Trichloroethene	79-01-6	VOA	ug/kg	9	0	0	5	6			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	9	0	0	9	12			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	9	0	0	5	6			8260	8260			
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	9	0	0	5	6			8260	8260			
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	9	0	0	5	6			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	9	0	0	3770	6810			350.3	350.3			
Chloride	16887-00-6	WETCHEM	ug/kg	9	5	55.55555556	1300	1600	1800	4300	300	300	24.5	27	B16552
Cyanide	57-12-5	WETCHEM	ug/kg	9	0	0	340	590			9010	9010			
Fluoride	16984-48-8	WETCHEM	ug/kg	9	0	0	1300	2600			300	300			
Hydrazine	302-01-2	WETCHEM	ug/kg	1	0	0	1000	1000			D1385	D1385			
Nitrate	14797-55-8	WETCHEM	ug/kg	9	3	33.33333333	1290	1550	14100	33800	300	300	16	17	B13C80
Nitrite	14797-65-0	WETCHEM	ug/kg	9	1	11.11111111	1290	1380	2700	2700	300	300	259.9	261.9	B16FV6

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples															
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Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	9	5	55.55555556	180	230	300	7900	353.2	353.2	16	17	B13C80
Phosphate	14265-44-2	WETCHEM	ug/kg	9	0	0	1300	1600			300	300			
Sulfate	14808-79-8	WETCHEM	ug/kg	9	9	100			1300	46200	300	300	24.5	27	B16552
Sulfide	18496-25-8	WETCHEM	ug/kg	9	1	11.11111111	22100	40900	58400	58400	9030	9030	259.9	261.9	B16FV6
216-B-63															
Aroclor-1016	12674-11-2	GENORG	ug/kg	16	0	0	30	36			8082	8080_PESTPCB_GC			
Aroclor-1221	11104-28-2	GENORG	ug/kg	16	0	0	30	70			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	16	0	0	30	36			8082	8080_PESTPCB_GC			
Aroclor-1242	53469-21-9	GENORG	ug/kg	16	0	0	30	36			8082	8080_PESTPCB_GC			
Aroclor-1248	12672-29-6	GENORG	ug/kg	16	0	0	30	36			8082	8080_PESTPCB_GC			
Aroclor-1254	11097-69-1	GENORG	ug/kg	16	0	0	30	36			8082	8080_PESTPCB_GC			
Aroclor-1260	11096-82-5	GENORG	ug/kg	16	0	0	30	36			8082	8080_PESTPCB_GC			
Aroclor-1262	37324-23-5	GENORG	ug/kg	1	0	0	30	30			8082	8082			
Aroclor-1268	11100-14-4	GENORG	ug/kg	1	0	0	30	30			8082	8082			
Total organic carbon	TOC	GENORG	ug/kg	4	4	100			206000	367000	9060	9060	176.5	179	B0MJK3
Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	11	0	0	3700	12600			WDOE TPH	WDOE TPH			
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	11	0	0	3700	12600			WDOE TPH	WDOE TPH			
Aluminum	7429-90-5	METAL	ug/kg	10	10	100			3530000	6980000	6010	6010	100	102.5	B0MJF9
Antimony	7440-36-0	METAL	ug/kg	11	0	0	3330	4600			6010	6010			
Arsenic	7440-38-2	METAL	ug/kg	21	20	95.23809524	3010	3010	720	4500	6010	6010	24	25	B15XK2
Barium	7440-39-3	METAL	ug/kg	21	21	100			31300	80700	6010	6010	17	18	B15XL2
Beryllium	7440-41-7	METAL	ug/kg	21	21	100			170	913	6010	6010	17.5	19	B16HB4-A
Bismuth	7440-69-9	METAL	ug/kg	11	10	90.90909091	3060	3060	12400	26200	6010	6010	100	102.5	B0MJF9
Boron	7440-42-8	METAL	ug/kg	10	10	100			2800	5000	6010	6010	75	77.5	B0MJF6
Cadmium	7440-43-9	METAL	ug/kg	21	9	42.85714286	30	360	40	2420	6010	6010	17.5	19	B16HB4-A
Calcium	7440-70-2	METAL	ug/kg	10	10	100			2920000	16100000	6010	6010	40	42	B0MJJ1
Chromium	7440-47-3	METAL	ug/kg	21	21	100			5500	16500	6010	6010	17.5	19	B16HB4-A
Cobalt	7440-48-4	METAL	ug/kg	10	10	100			4100	7200	6010	6010	174	179	B0MJK0
Copper	7440-50-8	METAL	ug/kg	21	21	100			6700	14800	6010	6010	174	179	B0MJK0

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

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Hexavalent Chromium	18540-29-9	METAL	ug/kg	11	1	9.090909091	410	420	483	483	7196	7196	17.5	19	B16HB4
Iron	7439-89-6	METAL	ug/kg	10	10	100			8930000	16700000	6010	6010	174	179	B0MJK0
Lead	7439-92-1	METAL	ug/kg	21	20	95.23809524	3060	3060	1400	4800	6010	6010	30	32.5	B0MJF3
Magnesium	7439-95-4	METAL	ug/kg	10	10	100			2300000	5600000	6010	6010	100	102.5	B0MJF9
Manganese	7439-96-5	METAL	ug/kg	11	11	100			147000	330000	6010	6010	30	32.5	B0MJF3
Mercury	7439-97-6	METAL	ug/kg	21	0	0	10	50			7471	200.8			
Molybdenum	7439-98-7	METAL	ug/kg	1	0	0	1000	1000			6010	6010			
Nickel	7440-02-0	METAL	ug/kg	21	21	100			2890	21000	6010	6010	19.5	21.5	B16532
Potassium	9/7/7440	METAL	ug/kg	10	10	100			579000	1490000	6010	6010	174	179	B0MJK0
Selenium	7782-49-2	METAL	ug/kg	21	6	28.57142857	230	3370	260	500	6010	6010	75	77.5	B0MJF6
Silver	7440-22-4	METAL	ug/kg	21	2	9.523809524	71	1440	620	790	6010	6010	75	77.5	B0MJF6
Sodium	7440-23-5	METAL	ug/kg	10	10	100			122000	281000	6010	6010	20	22.5	B0MJD7
Tin	7440-31-5	METAL	ug/kg	11	0	0	1570	3800			6010	6010			
Uranium	7440-61-1	METAL	ug/kg	21	21	100			336	2200	KPA	KPA	30	32.5	B0MJF3
Vanadium	7440-62-2	METAL	ug/kg	21	21	100			22700	64200	6010	6010	17	18	B15XL2
Zinc	7440-66-6	METAL	ug/kg	21	21	100			18500	45200	6010	6010	17	18	B15XL2
Cation Exchange Capacity	CEC	PHYSICAL	mEQ/100g	11	3	27.27272727	6.14	6.49	6.34	11.9	9080	9080	30	32	B0MJF5
Specific Gravity	SPECGVTY	PHYSICAL		11	11	100			2.1	2.64	D854	D854	174	179	B0MJK5
pH Measurement	PH	PHYSICAL		23	23	100			8.18	9.42	9045	9040	53	55	B16535
Actinium-228	14331-83-0	RAD	pCi/g	1	1	100			0.44	0.44	GEA	GEA	17.5	19	B16HB4-A
Americium-241	14596-10-2	RAD	pCi/g	32	1	3.125	-0.181	0.46	0.03	0.03	IX/Plate/AEA	GEA	20	22.5	B0MJD7
Antimony-125	14234-35-6	RAD	pCi/g	1	0	0	-0.002	-0.002			GEA	GEA			
Bismuth-212	14913-49-6	RAD	pCi/g	1	1	100			0.276	0.276	GEA	GEA	17.5	19	B16HB4-A
Bismuth-214	14733-03-0	RAD	pCi/g	1	1	100			0.311	0.311	GEA	GEA	17.5	19	B16HB4-A
Cerium-144	14762-78-8	RAD	pCi/g	1	0	0	0.007	0.007			GEA	GEA			
Cesium-134	13967-70-9	RAD	pCi/g	1	0	0	0.018	0.018			GEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	21	0	0	-0.017	0.083			GEA	GEA			
Cobalt-60	10198-40-0	RAD	pCi/g	21	0	0	-0.02	0.076			GEA	GEA			
Curium-242	15510-73-3	RAD	pCi/g	10	0	0	-0.002	0.01			IX/Prec/AEA	IX/Prec/AEA			
Curium-244	13981-15-2	RAD	pCi/g	10	0	0	-0.001	0.012			IX/Prec/AEA	IX/Prec/AEA			
Europium-152	14683-23-9	RAD	pCi/g	21	0	0	-0.07	0.22			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	21	0	0	-0.061	0.27			GEA	GEA			
Europium-155	14391-16-3	RAD	pCi/g	21	0	0	0.017	0.26			GEA	GEA			
Gross alpha	12587-46-1	RAD	pCi/g	21	14	66.66666667	1.35	4.54	1.1	9.76	900	900	100	102.5	B0MJF9
Gross beta	12587-47-2	RAD	pCi/g	21	21	100			2.3	32.6	GPC	GPC	75	77.5	B0MJF6
Iodine-129	15046-84-1	RAD	pCi/g	10	0	0	-0.056	0.328			GEA	GEA			
Lead-212	15092-94-1	RAD	pCi/g	1	1	100			0.443	0.443	GEA	GEA	17.5	19	B16HB4-A
Lead-214	15067-28-4	RAD	pCi/g	1	1	100			0.362	0.362	GEA	GEA	17.5	19	B16HB4-A

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

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Neptunium-237	13994-20-2	RAD	pCi/g	21	0	0	-0.044	0.101			LX/Plate/AEA	LX/Plate/AEA			
Nickel-63	13981-37-8	RAD	pCi/g	11	7	63.63636364	-0.724	0.706	2.85	23	LSC	LSC	17.5	19	B16HB4
Niobium-94	14681-63-1	RAD	pCi/g	1	0	0	0.003	0.003			GEA	GEA			
Plutonium-238	13981-16-3	RAD	pCi/g	21	1	4.761904762	-0.013	0.061	0.081	0.081	Sep/Plate/AEA	Sep/Plate/AEA	17.5	19	B16HB4-A
Plutonium-239/240	PU-239/240	RAD	pCi/g	21	1	4.761904762	-0.013	0.034	0.026	0.026	Sep/Plate/AEA	Sep/Plate/AEA	17.5	19	B16HB4-A
Plutonium-241	14119-32-5	RAD	pCi/g	10	0	0	-1.31	0.591			IX/LSC	IX/LSC			
Potassium-40	13966-00-2	RAD	pCi/g	20	20	100			8.69	18.4	GEA	GEA	75	77.5	B0MJF6
Radium-224	13233-32-4	RAD	pCi/g	10	10	100			0.52	0.742	GEA	GEA	30	32.5	B0MJF3
Radium-226	13982-63-3	RAD	pCi/g	21	21	100			0.3	0.67	GEA	GEA	251.4	253.9	B0MJK6
Radium-228	15262-20-1	RAD	pCi/g	21	21	100			0.44	0.792	GEA	GEA	251.4	253.9	B0MJK6
Ruthenium-103	13968-53-1	RAD	pCi/g	1	0	0	0.002	0.002			GEA	GEA			
Ruthenium-106	13967-48-1	RAD	pCi/g	1	0	0	-0.008	-0.008			GEA	GEA			
Selenium-79	15758-45-9	RAD	pCi/g	10	0	0	-1.38	0.178			IX/LSC	IX/LSC			
Strontium-90	10098-97-2	RAD	pCi/g	10	0	0	-0.018	0.094			Sep/GPC	Sep/GPC			
Technetium-99	14133-76-7	RAD	pCi/g	21	1	4.761904762	-0.633	0.577	0.406	0.406	IX/LSC	Sep/GPC	17.5	19	B16531
Thallium-208	14913-50-9	RAD	pCi/g	1	1	100			0.14	0.14	GEA	GEA	17.5	19	B16HB4-A
Thorium-228	14274-82-9	RAD	pCi/g	30	28	93.33333333	-0.002	0.258	0.366	1.47	IX/Prec/AEA	IX/Plate/AEA	100	102.5	B0MJF9
Thorium-230	14269-63-7	RAD	pCi/g	20	20	100			0.037	1.73	IX/Prec/AEA	IX/Plate/AEA	28	30	B16534
Thorium-232	TH-232	RAD	pCi/g	30	28	93.33333333	0	0.122	0.301	1.03	IX/Prec/AEA	IX/Plate/AEA	100	102.5	B0MJF9
Thorium-234	15065-10-8	RAD	pCi/g	1	0	0	0.289	0.289			GEA	GEA			
Tin-113	13966-06-8	RAD	pCi/g	1	0	0	0	0			GEA	GEA			
Tin-126	15832-50-5	RAD	pCi/g	1	0	0	0.108	0.108			GEA	GEA			
Total beta radiostrontium	SR-RAD	RAD	pCi/g	11	4	36.36363636	-0.128	0.033	1.2	3.21	Sep/GPC	Sep/GPC	17	18	B15XL2
Tritium	10028-17-8	RAD	pCi/g	11	2	18.18181818	-0.021	0.13	0.044	0.33	906	906	17	18	B15XL2
Uranium-235	15117-96-1	RAD	pCi/g	13	0	0	0.02	0.35			GEA	GEA			
Uranium-238	U-238	RAD	pCi/g	16	6	37.5	3.3	11	0.366	0.653	GEA	GEA	251.4	253.9	B0MJK6
Zinc-65	13982-39-3	RAD	pCi/g	1	0	0	-0.006	-0.006			GEA	GEA			
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	21	0	0	300	350			8270	8270			
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	20	0	0	340	350			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	20	0	0	340	350			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	21	0	0	320	350			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	20	0	0	340	880			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	20	0	0	340	350			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	20	0	0	340	350			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	20	0	0	340	350			8270	8270			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	20	0	0	850	1700			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	21	0	0	69	350			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	20	0	0	340	350			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	20	0	0	340	350			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	21	0	0	150	350			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	20	0	0	340	350			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	20	0	0	340	350			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	20	0	0	850	1700			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	20	0	0	340	350			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	20	0	0	340	1700			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	20	0	0	850	1700			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	20	0	0	850	1700			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	21	0	0	69	350			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	20	0	0	340	350			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	20	0	0	340	350			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	20	0	0	850	1700			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	21	0	0	670	1700			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	21	0	0	69	350			8270	8270			
Acenaphthylene	208-96-8	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	20	0	0	340	350			8270	8270			

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Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Bis(2-Chloroethoxy) methane	111-91-1	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	20	3	15	330	350	21	54	8270	8270	24	25	B15XK2
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	20	4	20	340	350	220	240	8270	8270	251.4	253.9	B0MJK6
Carbazole	86-74-8	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Chrysene	218-01-9	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	20	1	5	340	350	21	21	8270	8270	101	103	B16536
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Dibenzofuran	132-64-9	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	21	1	4.761904762	340	350	210	210	8270	8270	17.5	19	B16HB4-A
Dimethyl phthalate	131-11-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Fluoranthene	206-44-0	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Fluorene	86-73-7	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Hexachlorobenzene	118-74-1	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Hexachlorocyclopenta diene	77-47-4	SVOA	ug/kg	20	0	0	340	1700			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Hexadecanoic acid (9CI)	57-10-3	SVOA	ug/kg	5	5	100			380	740	8270	8270	251.4	253.9	B0MJK6
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Isophorone	78-59-1	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Naphthalene	91-20-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Octadecanoic acid	57-11-4	SVOA	ug/kg	3	3	100			86	140	8270	8270	251.4	253.9	B0MJK6
Pentachlorophenol	87-86-5	SVOA	ug/kg	21	0	0	310	1700			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Phenol	108-95-2	SVOA	ug/kg	21	0	0	100	350			8270	8270			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

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Pyrene	129-00-0	SVOA	ug/kg	21	0	0	69	350			8270	8270			
Tributyl phosphate	126-73-8	SVOA	ug/kg	21	0	0	69	710			8270	8270			
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	21	0	0	69	350			8270	8270			
n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	20	0	0	340	350			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-2-4-Trimethylbenzene	95-63-6	VOA	ug/kg	1	1	100			10	10	8260	8260	150	152	B0MJJ7
1-2-Dichloroethane	107-06-2	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-Butanol	71-36-3	VOA	ug/kg	10	0	0	200	220			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	11	0	0	5000	28000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	21	0	0	1.6	22			8260	8260			
2-Ethyl-1-hexanol	104-76-7	VOA	ug/kg	3	3	100			6	240	8260	8270	251.4	253.9	B0MJK6
2-Hexanone	591-78-6	VOA	ug/kg	21	0	0	1.6	22			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	21	0	0	1.6	22			8260	8260			
Acetone	67-64-1	VOA	ug/kg	21	7	33.33333333	1.6	40	5	22	8260	8260	251.4	253.9	B0MJK6
Benzene	71-43-2	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Bromo-dichloromethane	75-27-4	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	21	0	0	1.6	11			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	21	0	0	1.6	11			8260	8260			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

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Chloroform	67-66-3	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	21	0	0	1.6	11			8260	8260			
Dibromo-chloromethane	124-48-1	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Diethyl ether	60-29-7	VOA	ug/kg	10	0	0	10	11			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	11	0	0	5000	28000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	21	13	61.9047619	1.6	6	2	16	8260	8260	17	18	B15XL2
Styrene	100-42-5	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Toluene	108-88-3	VOA	ug/kg	21	1	4.761904762	1.6	6	2	2	8260	8260	150	152	B0MJJ7
Trichloroethene	79-01-6	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	21	0	0	1.6	11			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	21	1	4.761904762	1.6	6	8	8	8260	8260	150	152	B0MJJ7
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	20	0	0	619	6210			350.1	350.3			
Ammonium ion	14798-03-9	WETCHEM	ug/kg	1	1	100			60	60	300.7_CATIONS_IC	300.7_CATIONS_IC	17.5	19	B16HB4-A
Bromide	24959-67-9	WETCHEM	ug/kg	1	0	0	450	450			300	300			
Chloride	16887-00-6	WETCHEM	ug/kg	11	10	90.90909091	1300	1300	784	3750	300	300	19.5	21.5	B16532
Cyanide	57-12-5	WETCHEM	ug/kg	21	0	0	200	539			335.2	9010			
Fluoride	16984-48-8	WETCHEM	ug/kg	11	1	9.090909091	1280	1300	263	263	300	300	17.5	19	B16HB4-A
Nitrate	14797-55-8	WETCHEM	ug/kg	21	14	66.66666667	868	1290	1130	35700	300	300	17	18	B15XL2
Nitrite	14797-65-0	WETCHEM	ug/kg	21	0	0	296	1320			300	300			
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	21	14	66.66666667	509	539	260	8500	353.1	353.1	17	18	B15XL2
Phosphate	14265-44-2	WETCHEM	ug/kg	11	0	0	399	1300			300	300			
Sulfate	14808-79-8	WETCHEM	ug/kg	21	16	76.19047619	4910	5170	2700	18400	300	300	251.4	253.9	B0MJK6
Sulfide	18496-25-8	WETCHEM	ug/kg	11	1	9.090909091	7200	33600	38800	38800	9030	9030	19.5	21.5	B16532
216-S-10D															
Aroclor-1016	12674-11-2	GENORG	ug/kg	12	0	0	34	51			8082	8082			
Aroclor-1221	11104-28-2	GENORG	ug/kg	12	0	0	51	76			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	12	0	0	34	51			8082	8082			
Aroclor-1242	53469-21-9	GENORG	ug/kg	12	0	0	34	51			8082	8082			
Aroclor-1248	12672-29-6	GENORG	ug/kg	12	0	0	34	51			8082	8082			
Aroclor-1254	11097-69-1	GENORG	ug/kg	12	0	0	34	51			8082	8082			
Aroclor-1260	11096-82-5	GENORG	ug/kg	12	0	0	34	51			8082	8082			
Aroclor-1262	37324-23-5	GENORG	ug/kg	1	0	0	51	51			8082	8082			
Aroclor-1268	11100-14-4	GENORG	ug/kg	1	0	0	51	51			8082	8082			

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Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	12	0	0	5100	13700			WDOE TPH	WDOE TPH			
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	11	0	0	12300	13700			WDOE TPH	WDOE TPH			
Antimony	7440-36-0	METAL	ug/kg	1	0	0	0.074	0.074			6010	6010			
Arsenic	7440-38-2	METAL	ug/kg	12	12	100			1000	6700	6010	6010	135	137	B16542
Barium	7440-39-3	METAL	ug/kg	12	12	100			54600	114000	6010	6010	50	52	B16540
Beryllium	7440-41-7	METAL	ug/kg	12	12	100			150	653	6010	6010	25	27	B16HB6-A
Bismuth	7440-69-9	METAL	ug/kg	1	1	100			0.594	0.594	6010	6010	25	27	B16HB6-A
Cadmium	7440-43-9	METAL	ug/kg	12	3	25	33	50	51	2260	6010	6010	25	27	B16HB6-A
Chromium	7440-47-3	METAL	ug/kg	12	12	100			7500	29800	6010	6010	220	222	B16544
Copper	7440-50-8	METAL	ug/kg	12	12	100			11600	20000	6010	6010	185	187	B16KB1
Hexavalent Chromium	18540-29-9	METAL	ug/kg	12	2	16.66666667	350	460	470	1800	7196	7196	199.9	201.9	B16543
Lead	7439-92-1	METAL	ug/kg	12	11	91.66666667	68	68	2300	8900	6010	6010	135	137	B16542
Manganese	7439-96-5	METAL	ug/kg	1	1	100			257000	257000	6010	6010	25	27	B16HB6-A
Mercury	7439-97-6	METAL	ug/kg	12	2	16.66666667	10	100	16	16	7471	200.8	25	27	B16545
Molybdenum	7439-98-7	METAL	ug/kg	1	1	100			342	342	6010	6010	25	27	B16HB6-A
Nickel	7440-02-0	METAL	ug/kg	12	12	100			5430	20800	6010	6010	150	152	B16KB0
Selenium	7782-49-2	METAL	ug/kg	12	3	25	294	410	450	1900	6010	6010	25	27	B16HB6-A
Silver	7440-22-4	METAL	ug/kg	12	1	8.333333333	65	130	82	82	6010	6010	25	27	B16HB6-A
Tin	7440-31-5	METAL	ug/kg	1	0	0	35	35			6010	6010			
Uranium	7440-61-1	METAL	ug/kg	12	12	100			261	833	KPA	KPA	135	137	B16542
Vanadium	7440-62-2	METAL	ug/kg	12	12	100			26100	131000	6010	6010	199.9	201.9	B16543
Zinc	7440-66-6	METAL	ug/kg	12	12	100			31800	76000	6010	6010	185	187	B16KB1
pH Measurement	PH	PHYSICAL		12	12	100			8.5	9.334	9045	150.1	25	27	B16HB6-A
Actinium-228	14331-83-0	RAD	pCi/g	1	1	100			0.51	0.51	GEA	GEA	25	27	B16HB6-A
Americium-241	14596-10-2	RAD	pCi/g	24	0	0	-0.095	0.26			IX/Plate/AEA	GEA			
Antimony-125	14234-35-6	RAD	pCi/g	1	0	0	0.024	0.024			GEA	GEA			
Bismuth-212	14913-49-6	RAD	pCi/g	1	1	100			0.321	0.321	GEA	GEA	25	27	B16HB6-A
Bismuth-214	14733-03-0	RAD	pCi/g	1	1	100			0.426	0.426	GEA	GEA	25	27	B16HB6-A
Cerium-144	14762-78-8	RAD	pCi/g	1	0	0	0.073	0.073			GEA	GEA			
Cesium-134	13967-70-9	RAD	pCi/g	1	0	0	0.025	0.025			GEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	12	0	0	0.008	0.12			GEA	GEA			
Cobalt-60	10198-40-0	RAD	pCi/g	12	0	0	0.008	0.14			GEA	GEA			
Europium-152	14683-23-9	RAD	pCi/g	12	0	0	0.026	0.3			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	12	0	0	0.027	0.36			GEA	GEA			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Europium-155	14391-16-3	RAD	pCi/g	12	0	0	0.04	0.24			GEA	GEA			
Gross alpha	12587-46-1	RAD	pCi/g	12	6	50	0.586	3.98	1.6	11	900	900	100	102	B16541
Gross beta	12587-47-2	RAD	pCi/g	12	12	100			1.2	20	GPC	900	135	137	B16542
Lead-212	15092-94-1	RAD	pCi/g	1	1	100			0.498	0.498	GEA	GEA	25	27	B16HB6-A
Lead-214	15067-28-4	RAD	pCi/g	1	1	100			0.39	0.39	GEA	GEA	25	27	B16HB6-A
Neptunium-237	13994-20-2	RAD	pCi/g	12	0	0	0	0.058			LX/Plate/AEA	LX/Plate/AEA			
Nickel-63	13981-37-8	RAD	pCi/g	12	5	41.66666667	-0.245	2.02	2.73	38.4	LSC	LSC	25	27	B16545
Niobium-94	14681-63-1	RAD	pCi/g	1	0	0	0.008	0.008			GEA	GEA			
Plutonium-238	13981-16-3	RAD	pCi/g	12	0	0	-0.102	0.047			Sep/Plate/AEA	Sep/Plate/AEA			
Plutonium-239/240	PU-239/240	RAD	pCi/g	12	1	8.333333333	0	0.093	0.021	0.021	Sep/Plate/AEA	Sep/Plate/AEA	25	27	B16HB6-A
Potassium-40	13966-00-2	RAD	pCi/g	11	11	100			3.08	14.3	GEA	GEA	135	137	B16542
Radium-226	13982-63-3	RAD	pCi/g	12	12	100			0.114	0.922	GEA	GEA	150	152	B16KB0
Radium-228	15262-20-1	RAD	pCi/g	12	11	91.66666667	0.482	0.482	0.176	1.1	GEA	GEA	150	152	B16KB0
Ruthenium-103	13968-53-1	RAD	pCi/g	1	0	0	0.008	0.008			GEA	GEA			
Ruthenium-106	13967-48-1	RAD	pCi/g	1	0	0	0.07	0.07			GEA	GEA			
Technetium-99	14133-76-7	RAD	pCi/g	12	0	0	-0.097	0.189			Sep/GPC	Sep/GPC			
Thallium-208	14913-50-9	RAD		1	1	100			0.157	0.157	GEA	GEA	25	27	B16HB6-A
Thorium-228	14274-82-9	RAD	pCi/g	22	18	81.81818182	0.276	0.412	0.232	5.9	IX/Plate/AEA	IX/Plate/AEA	220	222	B16544
Thorium-230	14269-63-7	RAD	pCi/g	11	8	72.72727273	0.176	0.625	0.33	1.38	IX/Plate/AEA	IX/Plate/AEA	20	22	B16539
Thorium-232	TH-232	RAD	pCi/g	22	18	81.81818182	0.165	0.482	0.176	1.41	IX/Plate/AEA	GEA	150	152	B16KB0
Thorium-234	15065-10-8	RAD	pCi/g	1	1	100			0.591	0.591	GEA	GEA	25	27	B16HB6-A
Tin-113	13966-06-8	RAD	pCi/g	1	0	0	0.011	0.011			GEA	GEA			
Tin-126	15832-50-5	RAD	pCi/g	1	0	0	0.097	0.097			GEA	GEA			
Total beta radiostrontium	SR-RAD	RAD	pCi/g	12	0	0	-0.054	0.146			Sep/GPC	Sep/GPC			
Tritium	10028-17-8	RAD	pCi/g	12	1	8.333333333	-0.066	0.066	0.061	0.061	906	906	25	27	B16HB6
Uranium-235	15117-96-1	RAD	pCi/g	12	0	0	0.069	0.43			GEA	GEA			
Uranium-238	U-238	RAD	pCi/g	11	0	0	2.2	15			GEA	GEA			
Zinc-65	13982-39-3	RAD	pCi/g	1	0	0	0.019	0.019			GEA	GEA			
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	12	0	0	300	380			8270	8270			
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	12	0	0	320	380			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	11	0	0	860	950			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	11	0	0	340	380			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	11	0	0	340	380			8270	8270			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

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2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	11	0	0	340	380			8270	8270			
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	11	0	0	860	950			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	12	0	0	68	380			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	11	0	0	340	380			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	11	0	0	340	380			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	12	0	0	150	380			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	11	0	0	340	380			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	11	0	0	340	380			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	11	0	0	860	950			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	11	0	0	340	380			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	11	0	0	860	950			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	11	0	0	860	950			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	12	0	0	68	380			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	11	0	0	340	380			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	11	0	0	340	380			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	11	0	0	860	950			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	12	0	0	660	950			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	12	0	0	68	380			8270	8270			
Acenaphthylene	208-96-8	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	11	0	0	340	380			8270	8270			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

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Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	11	9	81.81818182	350	370	19.471	68.974	8270	8270	20	22	B16539
Butyl Stearate	123-95-5	SVOA	ug/kg	1	1	100			230	230	8270	8270	25	27	B16HB6-A
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Carbazole	86-74-8	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Chrysene	218-01-9	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	11	3	27.27272727	340	380	44	170	8270	8270	16	17	B15YB9
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Dibenzofuran	132-64-9	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	12	1	8.333333333	340	380	360	360	8270	8270	25	27	B16HB6-A
Dimethyl phthalate	131-11-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Eicosane	112-95-8	SVOA		1	1	100			170	170	8270	8270	25	27	B16HB6-A
Fluoranthene	206-44-0	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Fluorene	86-73-7	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Hexachlorobenzene	118-74-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Hexachlorocyclopenta diene	77-47-4	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Hexadecanoic acid-butyl ester	111-06-8	SVOA	ug/kg	1	1	100			300	300	8270	8270	25	27	B16HB6-A
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Isophorone	78-59-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

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Naphthalene	91-20-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Pentachlorophenol	87-86-5	SVOA	ug/kg	12	0	0	310	950			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Phenol	108-95-2	SVOA	ug/kg	12	0	0	100	380			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	12	0	0	68	380			8270	8270			
Tributyl phosphate	126-73-8	SVOA	ug/kg	12	0	0	68	380			8270	8270			
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	12	0	0	68	380			8270	8270			
n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	11	0	0	340	380			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-2-Dichloroethane	107-06-2	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	12	0	0	4300	28000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	12	0	0	1.7	13			8260	8260			
2-Hexanone	591-78-6	VOA	ug/kg	12	0	0	1.7	13			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	12	0	0	1.7	13			8260	8260			
Acetone	67-64-1	VOA	ug/kg	12	5	41.66666667	1.7	12	2	10	8260	8260	16	17	B15YB9
Benzene	71-43-2	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Bromodichloromethane	75-27-4	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	12	0	0	1.7	13			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	12	0	0	1.7	13			8260	8260			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples															
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Chloroform	67-66-3	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	12	0	0	1.7	13			8260	8260			
Dibromochloromethane	124-48-1	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	12	0	0	4300	28000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	12	10	83.33333333	1.7	6	6	18	8260	8260	150	152	B16KB0
Styrene	100-42-5	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Toluene	108-88-3	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Trichloroethene	79-01-6	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	12	0	0	1.7	13			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	11	1	9.090909091	3020	6320	3450	3450	350.3	350.3	20	22	B16538
Ammonium ion	14798-03-9	WETCHEM	ug/kg	1	1	100			100	100	300.7_CATIONS_IC	300.7_CATIONS_IC	25	27	B16HB6-A
Bromide	24959-67-9	WETCHEM	ug/kg	1	0	0	450	450			300	300			
Chloride	16887-00-6	WETCHEM	ug/kg	12	11	91.66666667	1280	1280	1900	31900	300	300	20	22	B16539
Cyanide	57-12-5	WETCHEM	ug/kg	12	0	0	200	530			335.2	9010			
Fluoride	16984-48-8	WETCHEM	ug/kg	12	1	8.333333333	1280	1400	718	718	300	300	25	27	B16HB6-A
Nitrate	14797-55-8	WETCHEM	ug/kg	12	3	25	221	1430	1380	1580	300	300	20	22	B16539
Nitrite	14797-65-0	WETCHEM	ug/kg	12	0	0	296	1430			300	300			
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	12	6	50	170	240	159	1400	353.2	353.2	25	27	B16HB6
Phosphate	14265-44-2	WETCHEM	ug/kg	12	1	8.333333333	399	1400	2400	2400	300	300	199.9	201.9	B16543
Sulfate	14808-79-8	WETCHEM	ug/kg	12	11	91.66666667	1280	1280	2500	36200	300	300	20	22	B16539
Sulfide	18496-25-8	WETCHEM	ug/kg	12	4	33.33333333	23200	43900	12400	97400	9030	9030	25	27	B16545
216-S-10P															
Aroclor-1016	12674-11-2	GENORG	ug/kg	19	0	0	34	49			8082	8082			
Aroclor-1221	11104-28-2	GENORG	ug/kg	19	0	0	68	99			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	19	0	0	34	49			8082	8082			
Aroclor-1242	53469-21-9	GENORG	ug/kg	19	0	0	34	49			8082	8082			
Aroclor-1248	12672-29-6	GENORG	ug/kg	19	0	0	34	49			8082	8082			
Aroclor-1254	11097-69-1	GENORG	ug/kg	19	0	0	34	49			8082	8082			
Aroclor-1260	11096-82-5	GENORG	ug/kg	19	0	0	34	49			8082	8082			

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Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	19	0	0	4100	13000			WDOE TPH	WDOE TPH			
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	8	0	0	12400	13000			WDOE TPH	WDOE TPH			
Arsenic	7440-38-2	METAL	ug/kg	21	21	100			1500	5300	6010	6010	99.5	101.5	B0X0B3
Barium	7440-39-3	METAL	ug/kg	21	21	100			52400	180000	6010	6010	20	21	B15YJ9
Beryllium	7440-41-7	METAL	ug/kg	21	21	100			180	450	6010	6010	150.1	152.1	B0X0B5
Cadmium	7440-43-9	METAL	ug/kg	21	9	42.85714286	30	40	40	500	6010	6010	179.9	181.9	B0X0B6
Chromium	7440-47-3	METAL	ug/kg	21	21	100			7000	39000	6010	6010	197.4	199.3	B0X0B7
Copper	7440-50-8	METAL	ug/kg	21	21	100			10600	21300	6010	6010	16	17	B15YM4
Hexavalent Chromium	18540-29-9	METAL	ug/kg	21	4	19.04761905	100	470	420	1570	7196	7196	20	21	B15YM5
Lead	7439-92-1	METAL	ug/kg	21	21	100			2700	10300	6010	6010	50	52	B0X0B1
Mercury	7439-97-6	METAL	ug/kg	19	5	26.31578947	20	20	20	260	7471	7471	17	18	B15YJ8
Nickel	7440-02-0	METAL	ug/kg	21	21	100			9200	25200	6010	6010	197.4	199.3	B0X0B7
Selenium	7782-49-2	METAL	ug/kg	21	6	28.57142857	290	450	560	2000	6010	6010	179.9	181.9	B0X0B6
Silver	7440-22-4	METAL	ug/kg	21	2	9.523809524	60	150	140	470	6010	6010	17	18	B15YJ8
Uranium	7440-61-1	METAL	ug/kg	21	21	100			265	2140	KPA	KPA	35	37	B0X0B0
Vanadium	7440-62-2	METAL	ug/kg	21	21	100			25400	87500	6010	6010	150.1	152.1	B0X0B5
Zinc	7440-66-6	METAL	ug/kg	21	21	100			29500	201000	6010	6010	197.4	199.3	B0X0B7
pH Measurement	PH	PHYSICAL		21	21	100			8.04	9.1	9045	9045	50	52	B0X0B1
Americium-241	14596-10-2	RAD	pCi/g	41	0	0	-0.059	0.34			GEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	21	1	4.761904762	0.018	0.22	0.336	0.336	GEA	GEA	17	18	B15YJ8
Cobalt-60	10198-40-0	RAD	pCi/g	21	0	0	0.016	0.29			GEA	GEA			
Europium-152	14683-23-9	RAD	pCi/g	21	0	0	-0.023	0.41			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	21	0	0	-0.084	0.91			GEA	GEA			
Europium-155	14391-16-3	RAD	pCi/g	21	0	0	0.038	0.3			GEA	GEA			
Gross alpha	12587-46-1	RAD	pCi/g	21	13	61.9047619	0.638	3.23	3.02	10.7	900	900	135.2	137.2	B0X0B4
Gross beta	12587-47-2	RAD	pCi/g	21	21	100			8.18	40.3	900	900	135.2	137.2	B0X0B4
Neptunium-237	13994-20-2	RAD	pCi/g	17	1	5.882352941	-0.016	0.067	0.062	0.062	LX/Plate/AEA	LX/Plate/AEA	17	18	B15YJ8
Nickel-63	13981-37-8	RAD	pCi/g	17	1	5.882352941	-0.652	2.14	2.46	2.46	LSC	LSC	50	52	B0X0B2
Plutonium-238	13981-16-3	RAD	pCi/g	21	0	0	-0.017	0.092			Sep/Plate/AEA	Sep/Plate/AEA			
Plutonium-239/240	PU-239/240	RAD	pCi/g	21	2	9.523809524	-0.017	0.053	0.117	0.317	Sep/Plate/AEA	Sep/Plate/AEA	17	18	B15YJ8
Potassium-40	13966-00-2	RAD	pCi/g	20	20	100			8.51	13.9	GEA	GEA	197.4	199.3	B0X0B7
Radium-226	13982-63-3	RAD	pCi/g	20	20	100			0.311	0.739	GEA	GEA	16	17	B15YM4
Radium-228	15262-20-1	RAD	pCi/g	21	20	95.23809524	1.2	1.2	0.408	0.938	GEA	GEA	16	17	B15YM4

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
Technetium-99	14133-76-7	RAD	pCi/g	17	0	0	-0.214	0.409			Sep/GPC	Sep/GPC			
Thorium-228	14274-82-9	RAD	pCi/g	37	30	81.08108108	0.117	0.433	0.355	1.27	IX/Plate/AEA	IX/Plate/AEA	20	21	B15YJ9
Thorium-230	14269-63-7	RAD	pCi/g	17	15	88.23529412	0.194	0.4	0.243	1.06	IX/Plate/AEA	IX/Plate/AEA	50	52	B0X0B1
Thorium-232	TH-232	RAD	pCi/g	37	31	83.78378378	0.156	1.2	0.283	0.938	IX/Plate/AEA	GEA	16	17	B15YM4
Total beta radiostrontium	SR-RAD	RAD	pCi/g	21	6	28.57142857	-0.133	0.21	0.28	1.57	Sep/GPC	Sep/GPC	50	52	B0X0B2
Tritium	10028-17-8	RAD	pCi/g	17	3	17.64705882	-0.065	0.126	0.512	1.53	906	906	16	17	B15YM4
Uranium-233/234	U-233/234	RAD	pCi/g	3	3	100			0.407	0.577	Sep/Plate/AEA	Sep/Plate/AEA	20	21	B15YJ9
Uranium-235	15117-96-1	RAD	pCi/g	23	1	4.347826087	0	0.49	0.022	0.022	Sep/Plate/AEA	GEA	50	52	B0X0B1
Uranium-238	U-238	RAD	pCi/g	23	3	13.04347826	2.3	27	0.381	0.548	GEA	GEA	20	21	B15YJ9
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	19	0	0	340	570			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	19	0	0	850	1400			8270	8270			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

Constituent	CAS Number	Constituent Class	Units	Number of Results	Number of Detects	Frequency of Detects (%)	Minimum Nondetect	Maximum Nondetect	Minimum Detect	Maximum Detect	Analytical Method for Minimum Detect (or nondetect)	Analytical Method for Maximum Detect (or nondetect)	Start Depth of Maximum Detect (ft bgs)	End Depth of Maximum Depth (ft bgs)	Sample Number of Maximum Detect
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	19	0	0	340	570			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	19	0	0	340	570			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Acenaphthylene	208-96-8	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	19	5	26.31578947	340	570	24	260	8270	8270	179.9	181.9	B0X0B6
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Carbazole	86-74-8	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Chrysene	218-01-9	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	19	1	5.263157895	340	570	100	100	8270	8270	24	25	B15YM6
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	19	0	0	340	570			8270	8270			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

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Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Dibenzofuran	132-64-9	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Dimethyl phthalate	131-11-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Fluoranthene	206-44-0	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Fluorene	86-73-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Hexachlorobenzene	118-74-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Hexachlorocyclopentadiene	77-47-4	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Isophorone	78-59-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Naphthalene	91-20-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Pentachlorophenol	87-86-5	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Phenol	108-95-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Tributyl phosphate	126-73-8	SVOA	ug/kg	11	0	0	340	360			8270	8270			
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	19	0	0	340	570			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	19	0	0	5	6			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	19	0	0	5	6			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	19	0	0	5	6			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	19	0	0	5	6			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	19	0	0	5	6			8260	8260			
1-2-Dichloroethane	107-06-2	VOA	ug/kg	19	0	0	5	6			8260	8260			
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	19	0	0	5	6			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	19	0	0	5	6			8260	8260			

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

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1-Propanol	71-23-8	VOA	ug/kg	19	0	0	4600	29000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	19	2	10.52631579	10	12	2	12	8260	8260	99.5	101.5	B0X0B3
2-Hexanone	591-78-6	VOA	ug/kg	19	0	0	10	12			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	19	0	0	10	12			8260	8260			
Acetone	67-64-1	VOA	ug/kg	19	10	52.63157895	10	12	5	33	8260	8260	99.5	101.5	B0X0B3
Benzene	71-43-2	VOA	ug/kg	19	0	0	5	6			8260	8260			
Bromodichloromethane	75-27-4	VOA	ug/kg	19	0	0	5	6			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	19	0	0	5	6			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	19	0	0	10	12			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	19	0	0	5	6			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	19	0	0	5	6			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	19	0	0	5	6			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	19	0	0	10	12			8260	8260			
Chloroform	67-66-3	VOA	ug/kg	19	0	0	5	6			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	19	0	0	10	12			8260	8260			
Dibromochloromethane	124-48-1	VOA	ug/kg	19	0	0	5	6			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	19	0	0	4600	29000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	19	0	0	5	6			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	19	17	89.47368421	6	6	4	23	8260	8260	16	17	B15YM4
Styrene	100-42-5	VOA	ug/kg	19	0	0	5	6			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	19	0	0	5	6			8260	8260			
Toluene	108-88-3	VOA	ug/kg	19	0	0	5	6			8260	8260			
Trichloroethene	79-01-6	VOA	ug/kg	19	0	0	5	6			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	19	0	0	10	12			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	19	0	0	5	6			8260	8260			
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	19	0	0	5	6			8260	8260			
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	19	0	0	5	6			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	19	3	15.78947368	1580	3230	1700	2070	350.3	350.3	50	52	B0X0B2
Chloride	16887-00-6	WETCHEM	ug/kg	21	19	90.47619048	1400	2000	1500	3960	300	300	16	17	B15YM4
Cyanide	57-12-5	WETCHEM	ug/kg	19	0	0	278	580			335.2	9010			
Fluoride	16984-48-8	WETCHEM	ug/kg	21	0	0	1000	2900			300	300			
Nitrate	14797-55-8	WETCHEM	ug/kg	21	18	85.71428571	1300	1400	1300	134000	300	300	16	17	B15YM4
Nitrite	14797-65-0	WETCHEM	ug/kg	21	0	0	657	1500			300	300			
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	21	18	85.71428571	220	500	270	22700	353.2	353.1	16	17	B15YM4
Phosphate	14265-44-2	WETCHEM	ug/kg	21	4	19.04761905	1300	5000	1400	2600	300	300	179.9	181.9	B0X0B6

200-CS-1 Summary Table for All Constituents in Deep Zone Soil Samples

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Sulfate	14808-79-8	WETCHEM	ug/kg	21	20	95.23809524	1300	1300	2400	12400	300	300	179.9	181.9	B0X0B6
Sulfide	18496-25-8	WETCHEM	ug/kg	19	7	36.84210526	2000	42000	4000	43800	9030	9030	24	25	B15YM6

Deep Zone Radionuclides															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
216-A-29															
Americium-241	14596-10-2	RAD	pCi/g	19	0	0	-0.135	0.32			IX/Plate/AEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	10	0	0	0.011	0.083			GEA	GEA			
Cobalt-60	10198-40-0	RAD	pCi/g	10	0	0	0.013	0.097			GEA	GEA			
Europium-152	14683-23-9	RAD	pCi/g	10	0	0	0.027	0.19			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	10	0	0	0.04	0.26			GEA	GEA			
Europium-155	14391-16-3	RAD	pCi/g	10	0	0	0.048	0.2			GEA	GEA			
Gross alpha	12587-46-1	RAD	pCi/g	10	8	80	0.6	4.08	4.51	8.18	900	900	259.9	261.9	B16FV6
Gross beta	12587-47-2	RAD	pCi/g	10	9	90	4.79	4.79	9.15	23.6	900	900	259.9	261.9	B16FV6
Neptunium-237	13994-20-2	RAD	pCi/g	9	0	0	-0.031	0.038			LX/Plate/AEA	LX/Plate/AEA			
Nickel-63	13981-37-8	RAD	pCi/g	8	0	0	-0.437	0.458			LSC	LSC			
Plutonium-238	13981-16-3	RAD	pCi/g	9	0	0	-0.049	0.022			Sep/Plate/AEA	Sep/Plate/AEA			
Plutonium-239/240	PU-239/240	RAD	pCi/g	9	0	0	0	0.052			Sep/Plate/AEA	Sep/Plate/AEA			
Potassium-40	13966-00-2	RAD	pCi/g	10	10	100			7.66	13.9	GEA	GEA	259.9	261.9	B16FV6
Radium-226	13982-63-3	RAD	pCi/g	10	9	90	0.38	0.38	0.191	0.514	GEA	GEA	259.9	261.9	B16FV6
Radium-228	15262-20-1	RAD	pCi/g	10	10	100			0.344	1.04	GEA	GEA	259.9	261.9	B16FV6
Technetium-99	14133-76-7	RAD	pCi/g	8	0	0	-0.019	0.462			Sep/GPC	Sep/GPC			
Thorium-228	14274-82-9	RAD	pCi/g	19	16	84.21052632	0.264	0.535	0.294	0.948	IX/Plate/AEA	IX/Plate/AEA	100	102	B16555
Thorium-230	14269-63-7	RAD	pCi/g	9	6	66.66666667	0.194	0.263	0.381	1.6	IX/Plate/AEA	IX/Plate/AEA	50	52.5	B16553
Thorium-232	TH-232	RAD	pCi/g	19	16	84.21052632	0.146	0.456	0.344	1.07	IX/Plate/AEA	IX/Plate/AEA	150	152	B16FV4
Total beta radiostrontium	SR-RAD	RAD	pCi/g	10	1	10	-0.096	0.102	0.27	0.27	Sep/GPC	Sep/GPC	16	16	B0P726
Tritium	10028-17-8	RAD	pCi/g	8	3	37.5	-0.032	0.144	0.221	7.05	906	906	259.9	261.9	B16FV6
Uranium-235	15117-96-1	RAD	pCi/g	9	0	0	0.048	0.27			GEA	GEA			
Uranium-238	U-238	RAD	pCi/g	10	0	0	1.4	10			GEA	GEA			
216-B-63															
Actinium-228	14331-83-0	RAD	pCi/g	1	1	100			0.44	0.44	GEA	GEA	17.5	19	B16HB4-A
Americium-241	14596-10-2	RAD	pCi/g	32	1	3.125	-0.181	0.46	0.03	0.03	IX/Plate/AEA	GEA	20	22.5	B0MJD7
Antimony-125	14234-35-6	RAD	pCi/g	1	0	0	-0.002	-0.002			GEA	GEA			
Bismuth-212	14913-49-6	RAD	pCi/g	1	1	100			0.276	0.276	GEA	GEA	17.5	19	B16HB4-A
Bismuth-214	14733-03-0	RAD	pCi/g	1	1	100			0.311	0.311	GEA	GEA	17.5	19	B16HB4-A
Cerium-144	14762-78-8	RAD	pCi/g	1	0	0	0.007	0.007			GEA	GEA			
Cesium-134	13967-70-9	RAD	pCi/g	1	0	0	0.018	0.018			GEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	21	0	0	-0.017	0.083			GEA	GEA			
Cobalt-60	10198-40-0	RAD	pCi/g	21	0	0	-0.02	0.076			GEA	GEA			
Curium-242	15510-73-3	RAD	pCi/g	10	0	0	-0.002	0.01			IX/Prec/AEA	IX/Prec/AEA			
Curium-244	13981-15-2	RAD	pCi/g	10	0	0	-0.001	0.012			IX/Prec/AEA	IX/Prec/AEA			
Europium-152	14683-23-9	RAD	pCi/g	21	0	0	-0.07	0.22			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	21	0	0	-0.061	0.27			GEA	GEA			
Europium-155	14391-16-3	RAD	pCi/g	21	0	0	0.017	0.26			GEA	GEA			
Gross alpha	12587-46-1	RAD	pCi/g	21	14	66.66666667	1.35	4.54	1.1	9.76	900	900	100	102.5	B0MJF9
Gross beta	12587-47-2	RAD	pCi/g	21	21	100			2.3	32.6	GPC	GPC	75	77.5	B0MJF6

Deep Zone Radionuclides															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
Iodine-129	15046-84-1	RAD	pCi/g	10	0	0	-0.056	0.328			GEA	GEA			
Lead-212	15092-94-1	RAD	pCi/g	1	1	100			0.443	0.443	GEA	GEA	17.5	19	B16HB4-A
Lead-214	15067-28-4	RAD	pCi/g	1	1	100			0.362	0.362	GEA	GEA	17.5	19	B16HB4-A
Neptunium-237	13994-20-2	RAD	pCi/g	21	0	0	-0.044	0.101			LX/Plate/AEA	LX/Plate/AEA			
Nickel-63	13981-37-8	RAD	pCi/g	11	7	63.63636364	-0.724	0.706	2.85	23	LSC	LSC	17.5	19	B16HB4
Niobium-94	14681-63-1	RAD	pCi/g	1	0	0	0.003	0.003			GEA	GEA			
Plutonium-238	13981-16-3	RAD	pCi/g	21	1	4.761904762	-0.013	0.061	0.081	0.081	Sep/Plate/AEA	Sep/Plate/AEA	17.5	19	B16HB4-A
Plutonium-239/240	PU-239/240	RAD	pCi/g	21	1	4.761904762	-0.013	0.034	0.026	0.026	Sep/Plate/AEA	Sep/Plate/AEA	17.5	19	B16HB4-A
Plutonium-241	14119-32-5	RAD	pCi/g	10	0	0	-1.31	0.591			IX/LSC	IX/LSC			
Potassium-40	13966-00-2	RAD	pCi/g	20	20	100			8.69	18.4	GEA	GEA	75	77.5	B0MJF6
Radium-224	13233-32-4	RAD	pCi/g	10	10	100			0.52	0.742	GEA	GEA	30	32.5	B0MJF3
Radium-226	13982-63-3	RAD	pCi/g	21	21	100			0.3	0.67	GEA	GEA	251.4	253.9	B0MJK6
Radium-228	15262-20-1	RAD	pCi/g	21	21	100			0.44	0.792	GEA	GEA	251.4	253.9	B0MJK6
Ruthenium-103	13968-53-1	RAD	pCi/g	1	0	0	0.002	0.002			GEA	GEA			
Ruthenium-106	13967-48-1	RAD	pCi/g	1	0	0	-0.008	-0.008			GEA	GEA			
Selenium-79	15758-45-9	RAD	pCi/g	10	0	0	-1.38	0.178			IX/LSC	IX/LSC			
Strontium-90	10098-97-2	RAD	pCi/g	10	0	0	-0.018	0.094			Sep/GPC	Sep/GPC			
Technetium-99	14133-76-7	RAD	pCi/g	21	1	4.761904762	-0.633	0.577	0.406	0.406	IX/LSC	Sep/GPC	17.5	19	B16531
Thallium-208	14913-50-9	RAD	pCi/g	1	1	100			0.14	0.14	GEA	GEA	17.5	19	B16HB4-A
Thorium-228	14274-82-9	RAD	pCi/g	30	28	93.33333333	-0.002	0.258	0.366	1.47	IX/Prec/AEA	IX/Plate/AEA	100	102.5	B0MJF9
Thorium-230	14269-63-7	RAD	pCi/g	20	20	100			0.037	1.73	IX/Prec/AEA	IX/Plate/AEA	28	30	B16534
Thorium-232	TH-232	RAD	pCi/g	30	28	93.33333333	0	0.122	0.301	1.03	IX/Prec/AEA	IX/Plate/AEA	100	102.5	B0MJF9
Thorium-234	15065-10-8	RAD	pCi/g	1	0	0	0.289	0.289			GEA	GEA			
Tin-113	13966-06-8	RAD	pCi/g	1	0	0	0	0			GEA	GEA			
Tin-126	15832-50-5	RAD	pCi/g	1	0	0	0.108	0.108			GEA	GEA			
Total beta radiostrontium	SR-RAD	RAD	pCi/g	11	4	36.36363636	-0.128	0.033	1.2	3.21	Sep/GPC	Sep/GPC	17	18	B15XL2
Tritium	10028-17-8	RAD	pCi/g	11	2	18.18181818	-0.021	0.13	0.044	0.33	906	906	17	18	B15XL2
Uranium-235	15117-96-1	RAD	pCi/g	13	0	0	0.02	0.35			GEA	GEA			
Uranium-238	U-238	RAD	pCi/g	16	6	37.5	3.3	11	0.366	0.653	GEA	GEA	251.4	253.9	B0MJK6
Zinc-65	13982-39-3	RAD	pCi/g	1	0	0	-0.006	-0.006			GEA	GEA			
216-S-10D															
Actinium-228	14331-83-0	RAD	pCi/g	1	1	100			0.51	0.51	GEA	GEA	25	27	B16HB6-A
Americium-241	14596-10-2	RAD	pCi/g	24	0	0	-0.095	0.26			IX/Plate/AEA	GEA			
Antimony-125	14234-35-6	RAD	pCi/g	1	0	0	0.024	0.024			GEA	GEA			
Bismuth-212	14913-49-6	RAD	pCi/g	1	1	100			0.321	0.321	GEA	GEA	25	27	B16HB6-A
Bismuth-214	14733-03-0	RAD	pCi/g	1	1	100			0.426	0.426	GEA	GEA	25	27	B16HB6-A
Cerium-144	14762-78-8	RAD	pCi/g	1	0	0	0.073	0.073			GEA	GEA			
Cesium-134	13967-70-9	RAD	pCi/g	1	0	0	0.025	0.025			GEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	12	0	0	0.008	0.12			GEA	GEA			
Cobalt-60	10198-40-0	RAD	pCi/g	12	0	0	0.008	0.14			GEA	GEA			
Europium-152	14683-23-9	RAD	pCi/g	12	0	0	0.026	0.3			GEA	GEA			

Deep Zone Radionuclides															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
Europium-154	15585-10-1	RAD	pCi/g	12	0	0	0.027	0.36			GEA	GEA			
Europium-155	14391-16-3	RAD	pCi/g	12	0	0	0.04	0.24			GEA	GEA			
Gross alpha	12587-46-1	RAD	pCi/g	12	6	50	0.586	3.98	1.6	11	900	900	100	102	B16541
Gross beta	12587-47-2	RAD	pCi/g	12	12	100			1.2	20	GPC	900	135	137	B16542
Lead-212	15092-94-1	RAD	pCi/g	1	1	100			0.498	0.498	GEA	GEA	25	27	B16HB6-A
Lead-214	15067-28-4	RAD	pCi/g	1	1	100			0.39	0.39	GEA	GEA	25	27	B16HB6-A
Neptunium-237	13994-20-2	RAD	pCi/g	12	0	0	0	0.058			LX/Plate/AEA	LX/Plate/AEA			
Nickel-63	13981-37-8	RAD	pCi/g	12	5	41.66666667	-0.245	2.02	2.73	38.4	LSC	LSC	25	27	B16545
Niobium-94	14681-63-1	RAD	pCi/g	1	0	0	0.008	0.008			GEA	GEA			
Plutonium-238	13981-16-3	RAD	pCi/g	12	0	0	-0.102	0.047			Sep/Plate/AEA	Sep/Plate/AEA			
Plutonium-239/240	PU-239/240	RAD	pCi/g	12	1	8.333333333	0	0.093	0.021	0.021	Sep/Plate/AEA	Sep/Plate/AEA	25	27	B16HB6-A
Potassium-40	13966-00-2	RAD	pCi/g	11	11	100			3.08	14.3	GEA	GEA	135	137	B16542
Radium-226	13982-63-3	RAD	pCi/g	12	12	100			0.114	0.922	GEA	GEA	150	152	B16KB0
Radium-228	15262-20-1	RAD	pCi/g	12	11	91.66666667	0.482	0.482	0.176	1.1	GEA	GEA	150	152	B16KB0
Ruthenium-103	13968-53-1	RAD	pCi/g	1	0	0	0.008	0.008			GEA	GEA			
Ruthenium-106	13967-48-1	RAD	pCi/g	1	0	0	0.07	0.07			GEA	GEA			
Technetium-99	14133-76-7	RAD	pCi/g	12	0	0	-0.097	0.189			Sep/GPC	Sep/GPC			
Thallium-208	14913-50-9	RAD	pCi/g	1	1	100			0.157	0.157	GEA	GEA	25	27	B16HB6-A
Thorium-228	14274-82-9	RAD	pCi/g	22	18	81.81818182	0.276	0.412	0.232	5.9	IX/Plate/AEA	IX/Plate/AEA	220	222	B16544
Thorium-230	14269-63-7	RAD	pCi/g	11	8	72.72727273	0.176	0.625	0.33	1.38	IX/Plate/AEA	IX/Plate/AEA	20	22	B16539
Thorium-232	TH-232	RAD	pCi/g	22	18	81.81818182	0.165	0.482	0.176	1.41	IX/Plate/AEA	GEA	150	152	B16KB0
Thorium-234	15065-10-8	RAD	pCi/g	1	1	100			0.591	0.591	GEA	GEA	25	27	B16HB6-A
Tin-113	13966-06-8	RAD	pCi/g	1	0	0	0.011	0.011			GEA	GEA			
Tin-126	15832-50-5	RAD	pCi/g	1	0	0	0.097	0.097			GEA	GEA			
Total beta radiostrontium	SR-RAD	RAD	pCi/g	12	0	0	-0.054	0.146			Sep/GPC	Sep/GPC			
Tritium	10028-17-8	RAD	pCi/g	12	1	8.333333333	-0.066	0.066	0.061	0.061	906	906	25	27	B16HB6
Uranium-235	15117-96-1	RAD	pCi/g	12	0	0	0.069	0.43			GEA	GEA			
Uranium-238	U-238	RAD	pCi/g	11	0	0	2.2	15			GEA	GEA			
Zinc-65	13982-39-3	RAD	pCi/g	1	0	0	0.019	0.019			GEA	GEA			
216-S-10P															
Americium-241	14596-10-2	RAD	pCi/g	41	0	0	-0.059	0.34			GEA	GEA			
Cesium-137	10045-97-3	RAD	pCi/g	21	1	4.761904762	0.018	0.22	0.336	0.336	GEA	GEA	17	18	B15YJ8
Cobalt-60	10198-40-0	RAD	pCi/g	21	0	0	0.016	0.29			GEA	GEA			
Europium-152	14683-23-9	RAD	pCi/g	21	0	0	-0.023	0.41			GEA	GEA			
Europium-154	15585-10-1	RAD	pCi/g	21	0	0	-0.084	0.91			GEA	GEA			
Europium-155	14391-16-3	RAD	pCi/g	21	0	0	0.038	0.3			GEA	GEA			
Gross alpha	12587-46-1	RAD	pCi/g	21	13	61.9047619	0.638	3.23	3.02	10.7	900	900	135.2	137.2	B0X0B4
Gross beta	12587-47-2	RAD	pCi/g	21	21	100			8.18	40.3	900	900	135.2	137.2	B0X0B4
Neptunium-237	13994-20-2	RAD	pCi/g	17	1	5.882352941	-0.016	0.067	0.062	0.062	LX/Plate/AEA	LX/Plate/AEA	17	18	B15YJ8
Nickel-63	13981-37-8	RAD	pCi/g	17	1	5.882352941	-0.652	2.14	2.46	2.46	LSC	LSC	50	52	B0X0B2
Plutonium-238	13981-16-3	RAD	pCi/g	21	0	0	-0.017	0.092			Sep/Plate/AEA	Sep/Plate/AEA			

Deep Zone Radionuclides															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
Plutonium-239/240	PU-239/240	RAD	pCi/g	21	2	9.523809524	-0.017	0.053	0.117	0.317	Sep/Plate/AEA	Sep/Plate/AEA	17	18	B15YJ8
Potassium-40	13966-00-2	RAD	pCi/g	20	20	100			8.51	13.9	GEA	GEA	197.4	199.3	B0X0B7
Radium-226	13982-63-3	RAD	pCi/g	20	20	100			0.311	0.739	GEA	GEA	16	17	B15YM4
Radium-228	15262-20-1	RAD	pCi/g	21	20	95.23809524	1.2	1.2	0.408	0.938	GEA	GEA	16	17	B15YM4
Technetium-99	14133-76-7	RAD	pCi/g	17	0	0	-0.214	0.409			Sep/GPC	Sep/GPC			
Thorium-228	14274-82-9	RAD	pCi/g	37	30	81.08108108	0.117	0.433	0.355	1.27	IX/Plate/AEA	IX/Plate/AEA	20	21	B15YJ9
Thorium-230	14269-63-7	RAD	pCi/g	17	15	88.23529412	0.194	0.4	0.243	1.06	IX/Plate/AEA	IX/Plate/AEA	50	52	B0X0B1
Thorium-232	TH-232	RAD	pCi/g	37	31	83.78378378	0.156	1.2	0.283	0.938	IX/Plate/AEA	GEA	16	17	B15YM4
Total beta radiostrontium	SR-RAD	RAD	pCi/g	21	6	28.57142857	-0.133	0.21	0.28	1.57	Sep/GPC	Sep/GPC	50	52	B0X0B2
Tritium	10028-17-8	RAD	pCi/g	17	3	17.64705882	-0.065	0.126	0.512	1.53	906	906	16	17	B15YM4
Uranium-233/234	U-233/234	RAD	pCi/g	3	3	100			0.407	0.577	Sep/Plate/AEA	Sep/Plate/AEA	20	21	B15YJ9
Uranium-235	15117-96-1	RAD	pCi/g	23	1	4.347826087	0	0.49	0.022	0.022	Sep/Plate/AEA	GEA	50	52	B0X0B1
Uranium-238	U-238	RAD	pCi/g	23	3	13.04347826	2.3	27	0.381	0.548	GEA	GEA	20	21	B15YJ9

Deep Zone Nonradionuclides															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
216-A-29															
Aroclor-1016	12674-11-2	GENORG	ug/kg	10	0	0	34	41			8080_PESTPCB_GC	8082			
Aroclor-1221	11104-28-2	GENORG	ug/kg	10	0	0	69	83			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	10	0	0	34	41			8080_PESTPCB_GC	8082			
Aroclor-1242	53469-21-9	GENORG	ug/kg	10	0	0	34	41			8080_PESTPCB_GC	8082			
Aroclor-1248	12672-29-6	GENORG	ug/kg	10	0	0	34	41			8080_PESTPCB_GC	8082			
Aroclor-1254	11097-69-1	GENORG	ug/kg	10	0	0	34	50			8080_PESTPCB_GC	8082			
Aroclor-1260	11096-82-5	GENORG	ug/kg	10	0	0	34	41			8080_PESTPCB_GC	8082			
Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	9	0	0	12400	14900			WDOE TPH	WDOE TPH			
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	9	0	0	12400	14900			WDOE TPH	WDOE TPH			
Arsenic	7440-38-2	METAL	ug/kg	10	10	100			1500	7200	6010	6010	16	16	B0P726
Barium	7440-39-3	METAL	ug/kg	10	10	100			59900	166000	6010	6010	259.9	261.9	B16FV6
Beryllium	7440-41-7	METAL	ug/kg	9	9	100			240	680	6010	6010	24.5	27	B16552
Cadmium	7440-43-9	METAL	ug/kg	10	8	80	40	450	10	320	6010	6010	16	16	B0P726
Chromium	7440-47-3	METAL	ug/kg	10	10	100			3500	36400	6010	6010	259.9	261.9	B16FV6
Copper	7440-50-8	METAL	ug/kg	9	9	100			8300	27300	6010	6010	259.9	261.9	B16FV6
Hexavalent Chromium	18540-29-9	METAL	ug/kg	9	0	0	410	500			7196	7196			
Lead	7439-92-1	METAL	ug/kg	10	10	100			1700	10500	6010	6010	259.9	261.9	B16FV6
Mercury	7439-97-6	METAL	ug/kg	7	1	14.28571429	20	30	40	40	7471	7471	259.9	261.9	B16FV6
Nickel	7440-02-0	METAL	ug/kg	9	9	100			5300	32300	6010	6010	259.9	261.9	B16FV6
Selenium	7782-49-2	METAL	ug/kg	10	2	20	170	450	640	680	6010	6010	16	16	B0P726
Silver	7440-22-4	METAL	ug/kg	10	0	0	50	900			6010	6010			
Uranium	7440-61-1	METAL	ug/kg	9	9	100			320	1250	KPA	KPA	16	17	B13C80
Vanadium	7440-62-2	METAL	ug/kg	9	9	100			31700	94200	6010	6010	24.5	27	B16552
Zinc	7440-66-6	METAL	ug/kg	9	9	100			30600	76900	6010	6010	259.9	261.9	B16FV6
pH Measurement	PH	PHYSICAL		9	9	100			8.8	9.5	9045	9045	150	152	B16FV4
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			

Deep Zone Nonradionuclides															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	10	0	0	340	410			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	10	0	0	340	410			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	10	0	0	340	410			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Acenaphthylene	208-96-8	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			

Deep Zone Nonradionuclides															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	10	1	10	340	410	52	52	8270	8270	16	16	B0P726
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Carbazole	86-74-8	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Chrysene	218-01-9	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Dibenzofuran	132-64-9	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Dimethyl phthalate	131-11-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Fluoranthene	206-44-0	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Fluorene	86-73-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Hexachlorobenzene	118-74-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Hexachlorocyclopentadiene	77-47-4	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Isophorone	78-59-1	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Naphthalene	91-20-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			

Deep Zone Nonradionuclides															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
Nitrobenzene	98-95-3	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Pentachlorophenol	87-86-5	SVOA	ug/kg	10	0	0	860	1000			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Phenol	108-95-2	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	10	0	0	340	410			8270	8270			
Tributyl phosphate	126-73-8	SVOA	ug/kg	9	0	0	340	410			8270	8270			
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	10	0	0	340	410			8270	8270			
n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	10	0	0	340	410			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-2-Dichloroethane	107-06-2	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	9	0	0	5	6			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	9	0	0	5000	30000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	9	1	11.11111111	9	12	2	2	8260	8260	271.9	273.9	B16FV7
2-Hexanone	591-78-6	VOA	ug/kg	9	0	0	9	12			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	9	0	0	9	12			8260	8260			
Acetone	67-64-1	VOA	ug/kg	9	2	22.22222222	9	12	8	14	8260	8260	199.9	201.9	B16FV5
Benzene	71-43-2	VOA	ug/kg	9	0	0	5	6			8260	8260			
Bromodichloromethane	75-27-4	VOA	ug/kg	9	0	0	5	6			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	9	0	0	5	6			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	9	0	0	9	12			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	9	0	0	5	6			8260	8260			

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Carbon tetrachloride	56-23-5	VOA	ug/kg	9	0	0	5	6			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	9	0	0	5	6			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	9	0	0	9	12			8260	8260			
Chloroform	67-66-3	VOA	ug/kg	9	0	0	5	6			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	9	0	0	9	12			8260	8260			
Dibromochloromethane	124-48-1	VOA	ug/kg	9	0	0	5	6			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	9	0	0	5000	30000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	9	0	0	5	6			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	9	6	66.66666667	5	6	2	36	8260	8260	259.9	261.9	B16FV6
Styrene	100-42-5	VOA	ug/kg	9	0	0	5	6			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	9	0	0	5	6			8260	8260			
Toluene	108-88-3	VOA	ug/kg	9	1	11.11111111	5	6	1	1	8260	8260	259.9	261.9	B16FV6
Trichloroethene	79-01-6	VOA	ug/kg	9	0	0	5	6			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	9	0	0	9	12			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	9	0	0	5	6			8260	8260			
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	9	0	0	5	6			8260	8260			
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	9	0	0	5	6			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	9	0	0	3770	6810			350.3	350.3			
Chloride	16887-00-6	WETCHEM	ug/kg	9	5	55.55555556	1300	1600	1800	4300	300	300	24.5	27	B16552
Cyanide	57-12-5	WETCHEM	ug/kg	9	0	0	340	590			9010	9010			
Fluoride	16984-48-8	WETCHEM	ug/kg	9	0	0	1300	2600			300	300			
Hydrazine	302-01-2	WETCHEM	ug/kg	1	0	0	1000	1000			D1385	D1385			
Nitrate	14797-55-8	WETCHEM	ug/kg	9	3	33.33333333	1290	1550	14100	33800	300	300	16	17	B13C80
Nitrite	14797-65-0	WETCHEM	ug/kg	9	1	11.11111111	1290	1380	2700	2700	300	300	259.9	261.9	B16FV6
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	9	5	55.55555556	180	230	300	7900	353.2	353.2	16	17	B13C80
Phosphate	14265-44-2	WETCHEM	ug/kg	9	0	0	1300	1600			300	300			
Sulfate	14808-79-8	WETCHEM	ug/kg	9	9	100			1300	46200	300	300	24.5	27	B16552
Sulfide	18496-25-8	WETCHEM	ug/kg	9	1	11.11111111	22100	40900	58400	58400	9030	9030	259.9	261.9	B16FV6
216-B-63															
Aroclor-1016	12674-11-2	GENORG	ug/kg	16	0	0	30	36			8082	8080_PESTPCB_GC			
Aroclor-1221	11104-28-2	GENORG	ug/kg	16	0	0	30	70			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	16	0	0	30	36			8082	8080_PESTPCB_GC			
Aroclor-1242	53469-21-9	GENORG	ug/kg	16	0	0	30	36			8082	8080_PESTPCB_GC			
Aroclor-1248	12672-29-6	GENORG	ug/kg	16	0	0	30	36			8082	8080_PESTPCB_GC			
Aroclor-1254	11097-69-1	GENORG	ug/kg	16	0	0	30	36			8082	8080_PESTPCB_GC			
Aroclor-1260	11096-82-5	GENORG	ug/kg	16	0	0	30	36			8082	8080_PESTPCB_GC			
Aroclor-1262	37324-23-5	GENORG	ug/kg	1	0	0	30	30			8082	8082			

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Aroclor-1268	11100-14-4	GENORG	ug/kg	1	0	0	30	30			8082	8082			
Total organic carbon	TOC	GENORG	ug/kg	4	4	100			206000	367000	9060	9060	176.5	179	B0MJK3
Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	11	0	0	3700	12600			WDOE TPH	WDOE TPH			
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	11	0	0	3700	12600			WDOE TPH	WDOE TPH			
Aluminum	7429-90-5	METAL	ug/kg	10	10	100			3530000	6980000	6010	6010	100	102.5	B0MJF9
Antimony	7440-36-0	METAL	ug/kg	11	0	0	3330	4600			6010	6010			
Arsenic	7440-38-2	METAL	ug/kg	21	20	95.23809524	3010	3010	720	4500	6010	6010	24	25	B15XK2
Barium	7440-39-3	METAL	ug/kg	21	21	100			31300	80700	6010	6010	17	18	B15XL2
Beryllium	7440-41-7	METAL	ug/kg	21	21	100			170	913	6010	6010	17.5	19	B16HB4-A
Bismuth	7440-69-9	METAL	ug/kg	11	10	90.90909091	3060	3060	12400	26200	6010	6010	100	102.5	B0MJF9
Boron	7440-42-8	METAL	ug/kg	10	10	100			2800	5000	6010	6010	75	77.5	B0MJF6
Cadmium	7440-43-9	METAL	ug/kg	21	9	42.85714286	30	360	40	2420	6010	6010	17.5	19	B16HB4-A
Calcium	7440-70-2	METAL	ug/kg	10	10	100			2920000	16100000	6010	6010	40	42	B0MJJ1
Chromium	7440-47-3	METAL	ug/kg	21	21	100			5500	16500	6010	6010	17.5	19	B16HB4-A
Cobalt	7440-48-4	METAL	ug/kg	10	10	100			4100	7200	6010	6010	174	179	B0MJK0
Copper	7440-50-8	METAL	ug/kg	21	21	100			6700	14800	6010	6010	174	179	B0MJK0
Hexavalent Chromium	18540-29-9	METAL	ug/kg	11	1	9.090909091	410	420	483	483	7196	7196	17.5	19	B16HB4
Iron	7439-89-6	METAL	ug/kg	10	10	100			8930000	16700000	6010	6010	174	179	B0MJK0
Lead	7439-92-1	METAL	ug/kg	21	20	95.23809524	3060	3060	1400	4800	6010	6010	30	32.5	B0MJF3
Magnesium	7439-95-4	METAL	ug/kg	10	10	100			2300000	5600000	6010	6010	100	102.5	B0MJF9
Manganese	7439-96-5	METAL	ug/kg	11	11	100			147000	330000	6010	6010	30	32.5	B0MJF3
Mercury	7439-97-6	METAL	ug/kg	21	0	0	10	50			7471	200.8			
Molybdenum	7439-98-7	METAL	ug/kg	1	0	0	1000	1000			6010	6010			
Nickel	7440-02-0	METAL	ug/kg	21	21	100			2890	21000	6010	6010	19.5	21.5	B16532
Potassium	9/7/7440	METAL	ug/kg	10	10	100			579000	1490000	6010	6010	174	179	B0MJK0
Selenium	7782-49-2	METAL	ug/kg	21	6	28.57142857	230	3370	260	500	6010	6010	75	77.5	B0MJF6
Silver	7440-22-4	METAL	ug/kg	21	2	9.523809524	71	1440	620	790	6010	6010	75	77.5	B0MJF6
Sodium	7440-23-5	METAL	ug/kg	10	10	100			122000	281000	6010	6010	20	22.5	B0MJD7
Tin	7440-31-5	METAL	ug/kg	11	0	0	1570	3800			6010	6010			
Uranium	7440-61-1	METAL	ug/kg	21	21	100			336	2200	KPA	KPA	30	32.5	B0MJF3
Vanadium	7440-62-2	METAL	ug/kg	21	21	100			22700	64200	6010	6010	17	18	B15XL2
Zinc	7440-66-6	METAL	ug/kg	21	21	100			18500	45200	6010	6010	17	18	B15XL2
Cation Exchange Capacity	CEC	PHYSICAL	mEQ/100g	11	3	27.27272727	6.14	6.49	6.34	11.9	9080	9080	30	32	B0MJF5
Specific Gravity	SPECGVTY	PHYSICAL		11	11	100			2.1	2.64	D854	D854	174	179	B0MJK5
pH Measurement	PH	PHYSICAL		23	23	100			8.18	9.42	9045	9040	53	55	B16535
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	21	0	0	300	350			8270	8270			

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1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	20	0	0	340	350			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	20	0	0	340	350			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	21	0	0	320	350			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	20	0	0	340	880			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	20	0	0	340	350			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	20	0	0	340	350			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	20	0	0	340	350			8270	8270			
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	20	0	0	850	1700			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	21	0	0	69	350			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	20	0	0	340	350			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	20	0	0	340	350			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	21	0	0	150	350			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	20	0	0	340	350			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	20	0	0	340	350			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	20	0	0	850	1700			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	20	0	0	340	350			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	20	0	0	340	1700			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	20	0	0	850	1700			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	20	0	0	850	1700			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	21	0	0	69	350			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	20	0	0	340	350			8270	8270			

Deep Zone Nonradionuclides															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	20	0	0	340	350			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	20	0	0	850	1700			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	21	0	0	670	1700			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	21	0	0	69	350			8270	8270			
Acenaphthylene	208-96-8	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	20	3	15	330	350	21	54	8270	8270	24	25	B15XK2
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	20	4	20	340	350	220	240	8270	8270	251.4	253.9	B0MJK6
Carbazole	86-74-8	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Chrysene	218-01-9	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	20	1	5	340	350	21	21	8270	8270	101	103	B16536
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Dibenzofuran	132-64-9	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	21	1	4.761904762	340	350	210	210	8270	8270	17.5	19	B16HB4-A
Dimethyl phthalate	131-11-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Fluoranthene	206-44-0	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Fluorene	86-73-7	SVOA	ug/kg	20	0	0	340	350			8270	8270			

Deep Zone Nonradionuclides															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
Hexachlorobenzene	118-74-1	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Hexachlorocyclopentadiene	77-47-4	SVOA	ug/kg	20	0	0	340	1700			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Hexadecanoic acid (9CI)	57-10-3	SVOA	ug/kg	5	5	100			380	740	8270	8270	251.4	253.9	B0MJK6
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Isophorone	78-59-1	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Naphthalene	91-20-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Octadecanoic acid	57-11-4	SVOA	ug/kg	3	3	100			86	140	8270	8270	251.4	253.9	B0MJK6
Pentachlorophenol	87-86-5	SVOA	ug/kg	21	0	0	310	1700			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	20	0	0	340	350			8270	8270			
Phenol	108-95-2	SVOA	ug/kg	21	0	0	100	350			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	21	0	0	69	350			8270	8270			
Tributyl phosphate	126-73-8	SVOA	ug/kg	21	0	0	69	710			8270	8270			
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	21	0	0	69	350			8270	8270			
n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	20	0	0	340	350			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-2-4-Trimethylbenzene	95-63-6	VOA	ug/kg	1	1	100			10	10	8260	8260	150	152	B0MJJ7
1-2-Dichloroethane	107-06-2	VOA	ug/kg	21	0	0	1.6	6			8260	8260			

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Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
1-Butanol	71-36-3	VOA	ug/kg	10	0	0	200	220			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	11	0	0	5000	28000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	21	0	0	1.6	22			8260	8260			
2-Ethyl-1-hexanol	104-76-7	VOA	ug/kg	3	3	100			6	240	8260	8270	251.4	253.9	B0MJK6
2-Hexanone	591-78-6	VOA	ug/kg	21	0	0	1.6	22			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	21	0	0	1.6	22			8260	8260			
Acetone	67-64-1	VOA	ug/kg	21	7	33.33333333	1.6	40	5	22	8260	8260	251.4	253.9	B0MJK6
Benzene	71-43-2	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Bromodichloromethane	75-27-4	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	21	0	0	1.6	11			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	21	0	0	1.6	11			8260	8260			
Chloroform	67-66-3	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	21	0	0	1.6	11			8260	8260			
Dibromochloromethane	124-48-1	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Diethyl ether	60-29-7	VOA	ug/kg	10	0	0	10	11			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	11	0	0	5000	28000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	21	13	61.9047619	1.6	6	2	16	8260	8260	17	18	B15XL2
Styrene	100-42-5	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Toluene	108-88-3	VOA	ug/kg	21	1	4.761904762	1.6	6	2	2	8260	8260	150	152	B0MJJ7
Trichloroethene	79-01-6	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	21	0	0	1.6	11			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	21	1	4.761904762	1.6	6	8	8	8260	8260	150	152	B0MJJ7
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	21	0	0	1.6	6			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	20	0	0	619	6210			350.1	350.3			

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Ammonium ion	14798-03-9	WETCHEM	ug/kg	1	1	100			60	60	300.7_CATIONS_IC	300.7_CATIONS_IC	17.5	19	B16HB4-A
Bromide	24959-67-9	WETCHEM	ug/kg	1	0	0	450	450			300	300			
Chloride	16887-00-6	WETCHEM	ug/kg	11	10	90.90909091	1300	1300	784	3750	300	300	19.5	21.5	B16532
Cyanide	57-12-5	WETCHEM	ug/kg	21	0	0	200	539			335.2	9010			
Fluoride	16984-48-8	WETCHEM	ug/kg	11	1	9.090909091	1280	1300	263	263	300	300	17.5	19	B16HB4-A
Nitrate	14797-55-8	WETCHEM	ug/kg	21	14	66.66666667	868	1290	1130	35700	300	300	17	18	B15XL2
Nitrite	14797-65-0	WETCHEM	ug/kg	21	0	0	296	1320			300	300			
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	21	14	66.66666667	509	539	260	8500	353.1	353.1	17	18	B15XL2
Phosphate	14265-44-2	WETCHEM	ug/kg	11	0	0	399	1300			300	300			
Sulfate	14808-79-8	WETCHEM	ug/kg	21	16	76.19047619	4910	5170	2700	18400	300	300	251.4	253.9	B0MJK6
Sulfide	18496-25-8	WETCHEM	ug/kg	11	1	9.090909091	7200	33600	38800	38800	9030	9030	19.5	21.5	B16532
216-S-10D															
Aroclor-1016	12674-11-2	GENORG	ug/kg	12	0	0	34	51			8082	8082			
Aroclor-1221	11104-28-2	GENORG	ug/kg	12	0	0	51	76			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	12	0	0	34	51			8082	8082			
Aroclor-1242	53469-21-9	GENORG	ug/kg	12	0	0	34	51			8082	8082			
Aroclor-1248	12672-29-6	GENORG	ug/kg	12	0	0	34	51			8082	8082			
Aroclor-1254	11097-69-1	GENORG	ug/kg	12	0	0	34	51			8082	8082			
Aroclor-1260	11096-82-5	GENORG	ug/kg	12	0	0	34	51			8082	8082			
Aroclor-1262	37324-23-5	GENORG	ug/kg	1	0	0	51	51			8082	8082			
Aroclor-1268	11100-14-4	GENORG	ug/kg	1	0	0	51	51			8082	8082			
Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	12	0	0	5100	13700			WDOE TPH	WDOE TPH			
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	11	0	0	12300	13700			WDOE TPH	WDOE TPH			
Antimony	7440-36-0	METAL	ug/kg	1	0	0	0.074	0.074			6010	6010			
Arsenic	7440-38-2	METAL	ug/kg	12	12	100			1000	6700	6010	6010	135	137	B16542
Barium	7440-39-3	METAL	ug/kg	12	12	100			54600	114000	6010	6010	50	52	B16540
Beryllium	7440-41-7	METAL	ug/kg	12	12	100			150	653	6010	6010	25	27	B16HB6-A
Bismuth	7440-69-9	METAL	ug/kg	1	1	100			0.594	0.594	6010	6010	25	27	B16HB6-A
Cadmium	7440-43-9	METAL	ug/kg	12	3	25	33	50	51	2260	6010	6010	25	27	B16HB6-A
Chromium	7440-47-3	METAL	ug/kg	12	12	100			7500	29800	6010	6010	220	222	B16544
Copper	7440-50-8	METAL	ug/kg	12	12	100			11600	20000	6010	6010	185	187	B16KB1
Hexavalent Chromium	18540-29-9	METAL	ug/kg	12	2	16.66666667	350	460	470	1800	7196	7196	199.9	201.9	B16543
Lead	7439-92-1	METAL	ug/kg	12	11	91.66666667	68	68	2300	8900	6010	6010	135	137	B16542
Manganese	7439-96-5	METAL	ug/kg	1	1	100			257000	257000	6010	6010	25	27	B16HB6-A
Mercury	7439-97-6	METAL	ug/kg	12	2	16.66666667	10	100	16	16	7471	200.8	25	27	B16545
Molybdenum	7439-98-7	METAL	ug/kg	1	1	100			342	342	6010	6010	25	27	B16HB6-A
Nickel	7440-02-0	METAL	ug/kg	12	12	100			5430	20800	6010	6010	150	152	B16KB0
Selenium	7782-49-2	METAL	ug/kg	12	3	25	294	410	450	1900	6010	6010	25	27	B16HB6-A

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Silver	7440-22-4	METAL	ug/kg	12	1	8.333333333	65	130	82	82	6010	6010	25	27	B16HB6-A
Tin	7440-31-5	METAL	ug/kg	1	0	0	35	35			6010	6010			
Uranium	7440-61-1	METAL	ug/kg	12	12	100			261	833	KPA	KPA	135	137	B16542
Vanadium	7440-62-2	METAL	ug/kg	12	12	100			26100	131000	6010	6010	199.9	201.9	B16543
Zinc	7440-66-6	METAL	ug/kg	12	12	100			31800	76000	6010	6010	185	187	B16KB1
pH Measurement	PH	PHYSICAL	ug/kg	12	12	100			8.5	9.334	9045	150.1	25	27	B16HB6-A
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	12	0	0	300	380			8270	8270			
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	12	0	0	320	380			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	11	0	0	860	950			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	11	0	0	340	380			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	11	0	0	340	380			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	11	0	0	340	380			8270	8270			
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	11	0	0	860	950			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	12	0	0	68	380			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	11	0	0	340	380			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	11	0	0	340	380			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	12	0	0	150	380			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	11	0	0	340	380			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	11	0	0	340	380			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	11	0	0	860	950			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	11	0	0	340	380			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	11	0	0	860	950			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	11	0	0	860	950			8270	8270			

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4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	12	0	0	68	380			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	11	0	0	340	380			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	11	0	0	340	380			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	11	0	0	860	950			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	12	0	0	660	950			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	12	0	0	68	380			8270	8270			
Acenaphthylene	208-96-8	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	11	9	81.81818182	350	370	19.471	68.974	8270	8270	20	22	B16539
Butyl Stearate	123-95-5	SVOA		1	1	100			230	230	8270	8270	25	27	B16HB6-A
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Carbazole	86-74-8	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Chrysene	218-01-9	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	11	3	27.27272727	340	380	44	170	8270	8270	16	17	B15YB9
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	11	0	0	340	380			8270	8270			

Deep Zone Nonradionuclides															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Dibenzofuran	132-64-9	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	12	1	8.333333333	340	380	360	360	8270	8270	25	27	B16HB6-A
Dimethyl phthalate	131-11-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Eicosane	112-95-8	SVOA	ug/kg	1	1	100			170	170	8270	8270	25	27	B16HB6-A
Fluoranthene	206-44-0	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Fluorene	86-73-7	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Hexachlorobenzene	118-74-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Hexachlorocyclopentadiene	77-47-4	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Hexadecanoic acid-butyl ester	111-06-8	SVOA	ug/kg	1	1	100			300	300	8270	8270	25	27	B16HB6-A
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Isophorone	78-59-1	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Naphthalene	91-20-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Pentachlorophenol	87-86-5	SVOA	ug/kg	12	0	0	310	950			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	11	0	0	340	380			8270	8270			
Phenol	108-95-2	SVOA	ug/kg	12	0	0	100	380			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	12	0	0	68	380			8270	8270			
Tributyl phosphate	126-73-8	SVOA	ug/kg	12	0	0	68	380			8270	8270			
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	12	0	0	68	380			8270	8270			
n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	11	0	0	340	380			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	12	0	0	1.7	6			8260	8260			

Deep Zone Nonradionuclides															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
1-1-Dichloroethane	75-34-3	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-2-Dichloroethane	107-06-2	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	12	0	0	4300	28000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	12	0	0	1.7	13			8260	8260			
2-Hexanone	591-78-6	VOA	ug/kg	12	0	0	1.7	13			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	12	0	0	1.7	13			8260	8260			
Acetone	67-64-1	VOA	ug/kg	12	5	41.66666667	1.7	12	2	10	8260	8260	16	17	B15YB9
Benzene	71-43-2	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Bromodichloromethane	75-27-4	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	12	0	0	1.7	13			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	12	0	0	1.7	13			8260	8260			
Chloroform	67-66-3	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	12	0	0	1.7	13			8260	8260			
Dibromochloromethane	124-48-1	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	12	0	0	4300	28000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	12	10	83.33333333	1.7	6	6	18	8260	8260	150	152	B16KB0
Styrene	100-42-5	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Toluene	108-88-3	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Trichloroethene	79-01-6	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	12	0	0	1.7	13			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	12	0	0	1.7	6			8260	8260			

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Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	12	0	0	1.7	6			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	11	1	9.090909091	3020	6320	3450	3450	350.3	350.3	20	22	B16538
Ammonium ion	14798-03-9	WETCHEM		1	1	100			100	100	300.7_CATIONS_IC	300.7_CATIONS_IC	25	27	B16HB6-A
Bromide	24959-67-9	WETCHEM	ug/kg	1	0	0	450	450			300	300			
Chloride	16887-00-6	WETCHEM	ug/kg	12	11	91.66666667	1280	1280	1900	31900	300	300	20	22	B16539
Cyanide	57-12-5	WETCHEM	ug/kg	12	0	0	200	530			335.2	9010			
Fluoride	16984-48-8	WETCHEM	ug/kg	12	1	8.333333333	1280	1400	718	718	300	300	25	27	B16HB6-A
Nitrate	14797-55-8	WETCHEM	ug/kg	12	3	25	221	1430	1380	1580	300	300	20	22	B16539
Nitrite	14797-65-0	WETCHEM	ug/kg	12	0	0	296	1430			300	300			
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	12	6	50	170	240	159	1400	353.2	353.2	25	27	B16HB6
Phosphate	14265-44-2	WETCHEM	ug/kg	12	1	8.333333333	399	1400	2400	2400	300	300	199.9	201.9	B16543
Sulfate	14808-79-8	WETCHEM	ug/kg	12	11	91.66666667	1280	1280	2500	36200	300	300	20	22	B16539
Sulfide	18496-25-8	WETCHEM	ug/kg	12	4	33.33333333	23200	43900	12400	97400	9030	9030	25	27	B16545
216-S-10P															
Aroclor-1016	12674-11-2	GENORG	ug/kg	19	0	0	34	49			8082	8082			
Aroclor-1221	11104-28-2	GENORG	ug/kg	19	0	0	68	99			8082	8082			
Aroclor-1232	11141-16-5	GENORG	ug/kg	19	0	0	34	49			8082	8082			
Aroclor-1242	53469-21-9	GENORG	ug/kg	19	0	0	34	49			8082	8082			
Aroclor-1248	12672-29-6	GENORG	ug/kg	19	0	0	34	49			8082	8082			
Aroclor-1254	11097-69-1	GENORG	ug/kg	19	0	0	34	49			8082	8082			
Aroclor-1260	11096-82-5	GENORG	ug/kg	19	0	0	34	49			8082	8082			
Total petroleum hydrocarbons - diesel range	TPHDIESEL	GENORG	ug/kg	19	0	0	4100	13000			WDOE TPH	WDOE TPH			
Total petroleum hydrocarbons - kerosene rang	TPHKEROSENE	GENORG	ug/kg	8	0	0	12400	13000			WDOE TPH	WDOE TPH			
Arsenic	7440-38-2	METAL	ug/kg	21	21	100			1500	5300	6010	6010	99.5	101.5	B0X0B3
Barium	7440-39-3	METAL	ug/kg	21	21	100			52400	180000	6010	6010	20	21	B15YJ9
Beryllium	7440-41-7	METAL	ug/kg	21	21	100			180	450	6010	6010	150.1	152.1	B0X0B5
Cadmium	7440-43-9	METAL	ug/kg	21	9	42.85714286	30	40	40	500	6010	6010	179.9	181.9	B0X0B6
Chromium	7440-47-3	METAL	ug/kg	21	21	100			7000	39000	6010	6010	197.4	199.3	B0X0B7
Copper	7440-50-8	METAL	ug/kg	21	21	100			10600	21300	6010	6010	16	17	B15YM4
Hexavalent Chromium	18540-29-9	METAL	ug/kg	21	4	19.04761905	100	470	420	1570	7196	7196	20	21	B15YM5
Lead	7439-92-1	METAL	ug/kg	21	21	100			2700	10300	6010	6010	50	52	B0X0B1
Mercury	7439-97-6	METAL	ug/kg	19	5	26.31578947	20	20	20	260	7471	7471	17	18	B15YJ8
Nickel	7440-02-0	METAL	ug/kg	21	21	100			9200	25200	6010	6010	197.4	199.3	B0X0B7
Selenium	7782-49-2	METAL	ug/kg	21	6	28.57142857	290	450	560	2000	6010	6010	179.9	181.9	B0X0B6
Silver	7440-22-4	METAL	ug/kg	21	2	9.523809524	60	150	140	470	6010	6010	17	18	B15YJ8
Uranium	7440-61-1	METAL	ug/kg	21	21	100			265	2140	KPA	KPA	35	37	B0X0B0
Vanadium	7440-62-2	METAL	ug/kg	21	21	100			25400	87500	6010	6010	150.1	152.1	B0X0B5

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Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
Zinc	7440-66-6	METAL	ug/kg	21	21	100			29500	201000	6010	6010	197.4	199.3	B0X0B7
pH Measurement	PH	PHYSICAL	ug/kg	21	21	100			8.04	9.1	9045	9045	50	52	B0X0B1
1-2-4-Trichlorobenzene	120-82-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
1-2-Dichlorobenzene	95-50-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
1-3-Dichlorobenzene	541-73-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
1-4-Dichlorobenzene	106-46-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-4-5-Trichlorophenol	95-95-4	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
2-4-6-Trichlorophenol	88-06-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-4-Dichlorophenol	120-83-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-4-Dimethylphenol	105-67-9	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-4-Dinitrophenol	51-28-5	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
2-4-Dinitrotoluene	121-14-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-6-Dinitrotoluene	606-20-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-Chloronaphthalene	91-58-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-Chlorophenol	95-57-8	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-Methylnaphthalene	91-57-6	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-Methylphenol (cresol- o-)	95-48-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
2-Nitroaniline	88-74-4	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
2-Nitrophenol	88-75-5	SVOA	ug/kg	19	0	0	340	570			8270	8270			
3-3'-Dichlorobenzidine	91-94-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
3-Nitroaniline	99-09-2	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
4-6-Dinitro-2-methylphenol	534-52-1	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
4-Bromophenylphenyl ether	101-55-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			

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Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
4-Chloro-3-methylphenol	59-50-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
4-Chloroaniline	106-47-8	SVOA	ug/kg	19	0	0	340	570			8270	8270			
4-Chlorophenylphenyl ether	7005-72-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
4-Methylphenol (cresol- p-)	106-44-5	SVOA	ug/kg	19	0	0	340	570			8270	8270			
4-Nitroaniline	100-01-6	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
4-Nitrophenol	100-02-7	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
Acenaphthene	83-32-9	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Acenaphthylene	208-96-8	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Anthracene	120-12-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Benzo(a)anthracene	56-55-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Benzo(a)pyrene	50-32-8	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Benzo(b)fluoranthene	205-99-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Benzo(ghi)perylene	191-24-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Benzo(k)fluoranthene	207-08-9	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Bis(2-Chloroethoxy)methane	111-91-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Bis(2-chloro-1-methylethyl)ether	108-60-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Bis(2-chloroethyl) ether	111-44-4	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Bis(2-ethylhexyl) phthalate	117-81-7	SVOA	ug/kg	19	5	26.31578947	340	570	24	260	8270	8270	179.9	181.9	B0X0B6
Butylbenzylphthalate	85-68-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Carbazole	86-74-8	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Chrysene	218-01-9	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Di-n-butylphthalate	84-74-2	SVOA	ug/kg	19	1	5.263157895	340	570	100	100	8270	8270	24	25	B15YM6
Di-n-octylphthalate	117-84-0	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Dibenz[a-h]anthracene	53-70-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Dibenzofuran	132-64-9	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Diethylphthalate	84-66-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			

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Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
Dimethyl phthalate	131-11-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Fluoranthene	206-44-0	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Fluorene	86-73-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Hexachlorobenzene	118-74-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Hexachlorobutadiene	87-68-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Hexachlorocyclopentadiene	77-47-4	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Hexachloroethane	67-72-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Indeno(1-2-3-cd)pyrene	193-39-5	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Isophorone	78-59-1	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Naphthalene	91-20-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Nitrobenzene	98-95-3	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Pentachlorophenol	87-86-5	SVOA	ug/kg	19	0	0	850	1400			8270	8270			
Phenanthrene	85-01-8	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Phenol	108-95-2	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Pyrene	129-00-0	SVOA	ug/kg	19	0	0	340	570			8270	8270			
Tributyl phosphate	126-73-8	SVOA	ug/kg	11	0	0	340	360			8270	8270			
n-Nitrosodi-n-dipropylamine	621-64-7	SVOA	ug/kg	19	0	0	340	570			8270	8270			
n-Nitrosodiphenylamine	86-30-6	SVOA	ug/kg	19	0	0	340	570			8270	8270			
1-1-1-Trichloroethane	71-55-6	VOA	ug/kg	19	0	0	5	6			8260	8260			
1-1-2-2-Tetrachloroethane	79-34-5	VOA	ug/kg	19	0	0	5	6			8260	8260			
1-1-2-Trichloroethane	79-00-5	VOA	ug/kg	19	0	0	5	6			8260	8260			
1-1-Dichloroethane	75-34-3	VOA	ug/kg	19	0	0	5	6			8260	8260			
1-1-Dichloroethene	75-35-4	VOA	ug/kg	19	0	0	5	6			8260	8260			
1-2-Dichloroethane	107-06-2	VOA	ug/kg	19	0	0	5	6			8260	8260			

Deep Zone Nonradionuclides															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
1-2-Dichloroethene (Total)	540-59-0	VOA	ug/kg	19	0	0	5	6			8260	8260			
1-2-Dichloropropane	78-87-5	VOA	ug/kg	19	0	0	5	6			8260	8260			
1-Propanol	71-23-8	VOA	ug/kg	19	0	0	4600	29000			8015	8015			
2-Butanone	78-93-3	VOA	ug/kg	19	2	10.52631579	10	12	2	12	8260	8260	99.5	101.5	B0X0B3
2-Hexanone	591-78-6	VOA	ug/kg	19	0	0	10	12			8260	8260			
2-Pentanone- 4-Methyl	108-10-1	VOA	ug/kg	19	0	0	10	12			8260	8260			
Acetone	67-64-1	VOA	ug/kg	19	10	52.63157895	10	12	5	33	8260	8260	99.5	101.5	B0X0B3
Benzene	71-43-2	VOA	ug/kg	19	0	0	5	6			8260	8260			
Bromodichloromethane	75-27-4	VOA	ug/kg	19	0	0	5	6			8260	8260			
Bromoform	75-25-2	VOA	ug/kg	19	0	0	5	6			8260	8260			
Bromomethane	74-83-9	VOA	ug/kg	19	0	0	10	12			8260	8260			
Carbon disulfide	75-15-0	VOA	ug/kg	19	0	0	5	6			8260	8260			
Carbon tetrachloride	56-23-5	VOA	ug/kg	19	0	0	5	6			8260	8260			
Chlorobenzene	108-90-7	VOA	ug/kg	19	0	0	5	6			8260	8260			
Chloroethane	75-00-3	VOA	ug/kg	19	0	0	10	12			8260	8260			
Chloroform	67-66-3	VOA	ug/kg	19	0	0	5	6			8260	8260			
Chloromethane	74-87-3	VOA	ug/kg	19	0	0	10	12			8260	8260			
Dibromochloromethane	124-48-1	VOA	ug/kg	19	0	0	5	6			8260	8260			
Ethanol	64-17-5	VOA	ug/kg	19	0	0	4600	29000			8015	8015			
Ethylbenzene	100-41-4	VOA	ug/kg	19	0	0	5	6			8260	8260			
Methylene chloride	75-09-2	VOA	ug/kg	19	17	89.47368421	6	6	4	23	8260	8260	16	17	B15YM4
Styrene	100-42-5	VOA	ug/kg	19	0	0	5	6			8260	8260			
Tetrachloroethene	127-18-4	VOA	ug/kg	19	0	0	5	6			8260	8260			
Toluene	108-88-3	VOA	ug/kg	19	0	0	5	6			8260	8260			
Trichloroethene	79-01-6	VOA	ug/kg	19	0	0	5	6			8260	8260			
Vinyl chloride	75-01-4	VOA	ug/kg	19	0	0	10	12			8260	8260			
Xylenes (total)	1330-20-7	VOA	ug/kg	19	0	0	5	6			8260	8260			
cis-1-3-Dichloropropene	10061-01-5	VOA	ug/kg	19	0	0	5	6			8260	8260			
trans-1-3-Dichloropropene	10061-02-6	VOA	ug/kg	19	0	0	5	6			8260	8260			
Ammonia	7664-41-7	WETCHEM	ug/kg	19	3	15.78947368	1580	3230	1700	2070	350.3	350.3	50	52	B0X0B2
Chloride	16887-00-6	WETCHEM	ug/kg	21	19	90.47619048	1400	2000	1500	3960	300	300	16	17	B15YM4
Cyanide	57-12-5	WETCHEM	ug/kg	19	0	0	278	580			335.2	9010			
Fluoride	16984-48-8	WETCHEM	ug/kg	21	0	0	1000	2900			300	300			

Deep Zone Nonradionuclides															
Constituent	**CAS Number**	**Constituent Class**	**Units**	**Number of Results**	**Number of Detects**	**Frequency of Detects (%)**	**Minimum Nondetect**	**Maximum Nondetect**	**Minimum Detect**	**Maximum Detect**	**Analytical Method for Minimum Detect (or nondetect)**	**Analytical Method for Maximum Detect (or nondetect)**	**Start Depth of Maximum Detect (ft bgs)**	**End Depth of Maximum Depth (ft bgs)**	**Sample Number of Maximum Detect**
Nitrate	14797-55-8	WETCHEM	ug/kg	21	18	85.71428571	1300	1400	1300	134000	300	300	16	17	B15YM4
Nitrite	14797-65-0	WETCHEM	ug/kg	21	0	0	657	1500			300	300			
Nitrogen in Nitrite and Nitrate	NO2+NO3-N	WETCHEM	ug/kg	21	18	85.71428571	220	500	270	22700	353.2	353.1	16	17	B15YM4
Phosphate	14265-44-2	WETCHEM	ug/kg	21	4	19.04761905	1300	5000	1400	2600	300	300	179.9	181.9	B0X0B6
Sulfate	14808-79-8	WETCHEM	ug/kg	21	20	95.23809524	1300	1300	2400	12400	300	300	179.9	181.9	B0X0B6
Sulfide	18496-25-8	WETCHEM	ug/kg	19	7	36.84210526	2000	42000	4000	43800	9030	9030	24	25	B15YM6